



LAMANS EXPERTISE IN AQUACULTURE & FISHERIES PROJECTS

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1. BRIEF COMPANY PROFILE

Lamans, since 1981, provides a wide range of services involving issues regarding Fisheries & Aquaculture, Agriculture & Rural Development, Environment & Sustainable Development, Business Development, Information Technology and Quality Management Systems.

The personnel of Lamans, in collaboration with a wide network of companies and external associates, offers consulting services to private companies, European and international organizations, academic and research institutes, as well as to public bodies and self-administration organizations having as principle its clients' satisfaction with the provision of high quality services.

Lamans, established in modern, fully equipped offices of 700 sqm, has developed a significant team consisting of permanent highly skilled and proficient experts, able to coordinate and support the company's work. The majority of these experts speaks fluently at least two foreign languages and is holder of an M.Sc. and/or a Ph.D. Lamans' personnel includes: Economists, Biologists, Agronomists, Ichthyologists, IT Analysts, Engineers and Regional Development experts. Apart from its permanent personnel, Lamans has developed a wide cooperation network with selected individuals and consultancy companies from Greece and abroad, recognized for the quality of their services.

The company is founding member of SESMA, the Association of Greek Consulting & Management Services Companies, and has been certified for its services according to the EN ISO 9001:2000 standard.

2. SECTOR OF FISHERIES & AQUACULTURE

Lamans is specialized in fisheries & aquaculture projects, covering the technical, social, economic, legal and environmental aspects of such activities. The company has implemented an extended number of relevant projects in Europe, the Mediterranean basin, Middle East and Africa.

3. EXPERTISE AS TECHNICAL ADVISORS IN MINISTRIES

Lamans has a valuable experience in assisting the public sector (Ministries and Public Authorities) to cope with the increased demand of technical assistance. Lamans was selected to be the Technical Consultant for the Operational Program of Fisheries (OPF) 1994-1999 and for the OPF 2000-2006. The role of the Technical Consultant is to facilitate the operation of the Program by supporting the Management bodies, formed by Public Servants, that constitutes the core of the decision making team for the Program and the entire Ministry. Among the tasks of the Technical Consultant is to provide services for the organization, operation and monitoring of the different projects funded by the Program, to consult and advice the General Directorate of Fisheries and the decision making bodies for the Program. In addition, the Technical Consultant provides services to The Greek Ministry of Economy & Finance for the monitoring and financial surveillance of the Program. The Technical Consultant is also responsible for preparing a number of reports, case studies and to provide legal advice and services concerning the operation of the Program and the different sectors of fisheries that are benefited by the Program.

Like that the staff accumulated experience in managing projects in the following fields:

- Viable Management and Exploitation of the fishery resources
- The implementation of the responsible principles of fisheries and aquaculture
- The strengthening of competitiveness and economic viability of companies of the sector
- The improvement of the channels for the distribution to the market for fishery and aquaculture products.
- Rural development, especially of regions depending on fisheries
- Rational exploitation of inland water resources in the framework of sustainable growth.
- Promotion of employment.

In addition Lamans performed the ex- ante and on-going evaluation of the Operational Program "Fishery 2000-2006". Lamans examined the strengths and weaknesses, the opportunities and threats of the fisheries sector, applying the SWOT analysis evaluation tool.

Based on the results of the previous phases, the Consultant pursued and evaluated the plans of the Operational Program, its realization and its predicted consequences as well as the systems used for the management and the control of the project. The Consultant processed the collected data and produced a number of quantified key indicators for the evaluation of the coherence, both internal and external, of the program as well as for the evaluation of the absorbance of the financial aid provided to the Operational Program. These key indicators were fine tuned and specific goals for base years 2003 and 2006 were set, in order to evaluate the progress when the Program will be completed.

Currently Lamans supports the Department of Fisheries and Marine Research of the Cypriot Ministry of Agriculture for the Implementation of articles 8, 9, 10, and 19 (§ 2a and 2b) of the Marine Strategy Framework-Directive (2008/56/EC).

4. EXPERTISE IN EUROPEAN COMMISSION PROJECTS

Another area of expertise of Lamans personnel is the projects funded by the European Commission. Lamans during the past years has been involved in 3 innovative actions projects (***SPARTACUS, Fish Fun & Learn and Diversification Activities Based on Local Resources Characteristics***, a vocational training project (***FISHTRAIN***), a market survey project (***Study of the market for aquaculture produced Seabass and Seabream species***) and assisted the Directorate General of Fisheries and Maritime Affairs to examine the impact, setting and structure of a ***Community Fisheries Control Agency*** (CFCA) with responsibility for a Joint Inspection Structure (JIS). In addition, it implemented a ***“Field study to assess some mitigation measures to reduce by-catch of marine turtles in surface long line fisheries”*** and assisted the Commission with a contribution to the preparation of a ***Plan of Action for Seabirds***. The aim of the last study was to assess existing mitigation measures and their effectiveness in key areas where incidental catches of seabirds are occurring.

Recently we have concluded the implementation of a project in Yemen for ***Technical Assistance in Fish Quality Control – Support to Competent Authority in Yemen***, in the Indian Ocean (Regional Programme for the Sustainable Management of the Coastal Zones of the Countries of the Indian Ocean) and in Guinea, Mauritania and Senegal for ***Development of plans for monitoring of contaminants in the aquatic environment and control of residues in seafood***.

In addition, we participate together with MRAG in 2 **framework contracts for studies related to the implementation of the Common Fisheries Policy and the development of a Maritime Policy for the European Union** (Reference No FISH/2006/09. Lot 2: Legal studies related to maritime affairs and Lot 4 : Impact assessment studies related to the CFP.

Recently Lamans was awarded with a new project from the **European Commission with the title “Evaluation and impact assessment activities of the Common Fisheries Policy (CFP) for the Directorate-General for Maritime Affairs and Fisheries (LOT 2)”**.

More specifically the EC Directorate General for Maritime Affairs and Fisheries awarded Lamans consortium with the responsibility to cover the Mediterranean and Black Sea regions. The budget of the framework contract will be 3.400.000 € for a duration of 2 + 1 years (2012-2014).

The aim of the aforementioned framework contract will be to assist DG MARE with carrying out its evaluation-related activities, including impact assessment, in order to provide a reliable and objective assessment of how efficient and effective activities have been (retrospective evaluations) or are expected to be (prospective evaluations, including impact assessment) for the **Common Fisheries Policy (CFP)**. The overall objective of this framework contract will be to facilitate procurement of full studies or of parts of studies and other supporting services (e.g. data collection, cost-benefit analyses, synthesizing and compiling reports, assessment of administrative burdens, etc.) in the framework of the Commission’s evaluation procedures, including impact assessment.

Finally, Lamans won recently a very important project from **the European Commission for the development of the aquaculture sector in Egypt**. Our company was selected among four (4) European consortia consisting of forty (40) companies in total.

Amongst the value chains that could benefit from a targeted and focused support, the aquaculture sector has been identified as a prospective “engine for job creation and income generation” in the short to medium term, especially now that Egypt needs to develop every possible sector of its economy. Aquaculture is one of the strategic objectives for Egypt included within the National Strategic Plan.

The goal of the project will be to strengthen and increase the economic efficiency of the Egyptian aquaculture sector on marine species by improving small farmers’ livelihoods, linking them to the market, improve their productive and allocative capacity, create employment and, reach a sustainable development model.

The specific objectives of the project will aim at: (i) strengthening aquaculture value-chains on marine species and bringing small farmers at the appropriate level of sanitary and phyto-sanitary standards, (ii) developing small farmers' marketing capacity and (iii) building contractual partnerships amongst agri-business stakeholders.

Please refer to Chapter 12 for project details.

5. EXPERTISE IN ACP (African, Caribbean & Pacific), ARAB & MIDDLE EAST COUNTRIES

ACP Countries

At the beginning of 2003 Lamans has undertaken one of its most important projects in the sector of fisheries and aquaculture. The project's title is "Strengthening Fishery Products Health Conditions in ACP/OCT Countries", it has a budget of 22 million € and it is financed by the European Development Fund. Lamans leads one of the selected consortia for the implementation of the above referenced project. The project has a five year duration, it is divided in five Lots and aims at the improvement of the access of ACP/OCT countries fish and fishery products to the world market by strengthening (export) health controls and improving production conditions in beneficiary countries. Lamans Consortium consists of 21 partners and participates in all the five Lots of the project.

The selected consortia (potential contractors) will be subsequently invited (during the 5-years programme duration) to participate in simplified tendering procedures (consultation) for the provision of services.

Lamans role as a leader of the consortium is to be the contact point between the members of the consortium and the project's Coordination Unit. Lamans communicate the request for services launched by the Coordination Unit and all the other relevant information about the implementation of the project to the members of the consortium. Lamans can also undertake the implementation of a project.

During the implementation of the project Lamans' Consortium has undertaken the following projects:

Kenya: Advice and support to the Competent Authority (partner: Lamans).

Eritrea: Training of Competent Authority Personnel of Eritrea (partner: Sofreco).

Grenada: Training to the Competent Authority and to the Exporting Industry (partner: Sofreco).

Guyana: Training to the Competent Authority and to the Exporting Industry (partner: Agriconsulting).

Uganda: Case Study National Competent Authority in Uganda -Fish as Food Surveillance (partner: Lamans).

Gambia, Sierra Leone, Liberia, Ghana: Strengthening Fishery Products Health Conditions in Gambia, Ghana, Liberia and Sierra Leone (partners: Agriconsulting, Sofreco).

Gabon: Evaluation of the Amelioration of the sanitary status of the fisheries products in Gabon

Cameroun, Benin, Togo : Elaboration of a Plan for the Surveillance of environmental Contaminants of the Fisheries Sector of Benin, Cameroun and Togo”

Guinea Bissau : Evaluation of the needs and conditions of the Guinea Bissau Competent Authority

Uganda, Kenya, Tanzania: Implementation of a Fisheries Management Plan (IFMP) for Lake Victoria (partners: MRAG, PMTC).

Comoros, Madagascar, Mauritius, Seychelles, Kenya, Tanzania and Somalia: Technical Assistance team for the Regional Programme for the Sustainable Management of the Coastal Zones of the Countries of the Indian Ocean Location (partners: AGRECO, ULG).

Guinea, Mauritania and Senegal: Development of plans for monitoring of contaminants in the aquatic environment and control of residues in seafood (partner Agriconsulting).

Details for the above projects can be found in Chapter 12.

Middle East Countries

Our experience in the region includes the following Countries:

The United Arab Emirates:

- LAMANS is currently implementing a design and construction supervision of the “Sheikh Khalifa Bin Zayed Centre For Marine Research” in Um Al Quwain (Khalifa-MRC UAQ) in the United Arab Emirates (UAE). The hatchery will be fully equipped with recirculation technology systems (RAS) and able to produce 10 million fingerlings from 4 species at full capacity per year. LAMANS is responsible to undertake the ichthyological and related engineering consulting as well as the running and management of the facilities for a 12 month period.
- A feasibility study, offers evaluation, preview and financials of a recirculation module with an annual production capacity of 200 tons of indigenous marine species.
- Lamans is the technical, scientific and innovation manager on production and quality issues of “Mubarak Fisheries” a seabream hatchery and on-growing unit. It provides continuously updates on fish feeds, novel procedures and products.
- In 2001 it implemented a pre-feasibility study for “Tuna ranching in the United Arab Emirates and Oman”.

The State of Kuwait: in 2000 Lamans participated in the design to upgrade the sea water filtration system at the hatchery of KISR (Kuwait Institute for Scientific Research) in Salmiya (12 km southeast of Kuwait City) and did the recruitment of all the key personnel (except the production manager). In Kuwait we participated also in the design of a hatchery for the production of Arabian Gulf species and Mediterranean Sea species. Lamans prepared the production manuals for the hatchery and was advisor in production and quality issues.

6. EXPERTISE IN THE PRIVATE SECTOR

Lamans combines expertise in the aquaculture sector, with experts with significant experience in marine aquaculture and specific experience of the fish processing and marketing sectors.

During the past 10 years only, Lamans contributed to the site selection, licensing, Environmental Impact Assessment Study and implementation of the construction of marine cages farms, hatcheries and packaging/processing units for more that 200 enterprises in Greece and the Middle East.

Lamans s.a. agreed with Selonda Aquaculture s.a. for the implementation of project: "Development, installation and maintenance of Total Quality Management System". The project includes the development of the following standards:

- Quality Management System ISO 9001
- Food Safety Management System ISO 22000
- Environmental Management System ISO 14001
- EMAS
- Occupational Health and Safety System. OHSAS 1801

The Team of Experts of Lamans constitute a fine blend of a multinational and multidisciplinary experts and they have all undertaken or participated in a series of projects on aquaculture & fisheries development.

7. SERVICES

Lamans provides the following services for the aquaculture & fisheries sector:

Consulting & evaluation studies

- Aquaculture Site Surveys, Site Selection & Site Analysis
- Water & Soil Quality Analysis
- Feasibility Studies
- Business Plan Assessments
- Environmental Impact Assessment
- Technology Assessment
- Aquaculture Investment Advisory Services

Project Development and Management

- Business Plan Development
- Farm Design, Construction and Equipment sourcing
- Finfish Hatchery Design and Operation
- Hatchery Live Food Systems and Operation
- Licensing and permissions for new farms/aquaculture projects
- Complete Project Management
- Contract Farm Management
- Processing Plant Design & Operations
- Feed Plant Design & Feed Formulation
- Market Research & Marketing Plans
- Marketing of Farm-raised Seafood Product
- HACCP and ISO studies

Training

- Technology Transfer through onsite training
- Operations Manuals & Training manuals
- Training through different site visits

8. MARICULTURE PROJECTS

Lamans is specialized in mariculture projects, covering the technical, social, economical and environmental aspects of such activities. The farmed species are mainly **sea bass** (*Dicentrarchus labrax*) and **sea bream** (*Sparus aurata*) without excluding other species of fish, shellfish and shrimps that **Lamans'** personnel master their culture. Lamans has performed more than 300 mariculture projects in Greece, Montenegro and the Middle East and approximately 65% of the aquaculture companies in Greece (the major producers) are our clients. More details can be found in Chapter 12. See also Chapter 13 for recent projects that we implemented in Greece and abroad with private companies.

9. HUMAN RESOURCES INFORMATION

The company is organized and operates in accordance with the European standards for Business Organization and Management Consultancy Companies. Thus, it has created a “critical mass” of Consultants who are employed on a permanent basis. At the same time, the company is staffed with the necessary personnel required in order to coordinate and support its consultancy work. In the field of cooperation, Lamans works only with selected Consultancy Companies from Greece and Abroad, which are distinguished for the high level of services they provide.

The number of employees per category and specialization is shown in the following table:

A. SCIENTIFIC PERSONNEL

S/N	FULL NAME	SPECIALITY	TITLES OF STUDIES	EXPERIENCE
1.	Dr. CHRISTOS LAMBRIDIS	Economist – Business Administration	<ul style="list-style-type: none"> ◆ Degree in Economics Sciences, University of Athens ◆ MSc in "Advanced Studies in Management", Salford University ◆ MSc in Business Administration (MBA), Bradford University ◆ Ph.D. in Management and Administration, Bradford University 	33 years
2.	VALERY – MARY LAMBRIDI	Economist	<ul style="list-style-type: none"> ◆ B.A. in Economics, Law School - Economic Department, University of Athens ◆ MSc in Economics, University of London, Birbeck College 	30 years
3.	NIKOLAOS MARALETOS	Economist	<ul style="list-style-type: none"> ◆ Economic University of Piraeus 	52 years
4.	Dr. GEORGE TRIANTAPHYLLIDIS	Biologist specialized in Hydrobiology	<ul style="list-style-type: none"> ◆ Degree in Biology, Aristotle University of Thessaloniki ◆ Ph.D. in Applied Biological Sciences, University of Ghent (Belgium) ◆ Post-doctoral studies at the Hellenic Center of Marine Research (Greece), Institute of Marine Biological Resources 	17 years
5.	THOMAS FOTSIS	Chemical Engineering	<ul style="list-style-type: none"> ◆ National Technical University of Athens 	33 years
6.	THEOLOGOS PAPAGEORGIU	Ichthyologist	<ul style="list-style-type: none"> ◆ Degree in Ichthyology, Department of Aquaculture and Fisheries, Technological Institute of Messologi ◆ Msc. in Total Quality Management, University of Paisley 	12 years
7.	VASSILIKI PAPAGEORGIU	Ichthyologist	<ul style="list-style-type: none"> ◆ Degree in Ichthyology, Technological Institute of Epeirous, Department of Igoumenitsa, School of Aquaculture and Fisheries ◆ MSc in Sustainable Management of Aquatic Environment, University of Thessaly, Department of Agricultural Sciences, School of Agriculture Ichthyology and Aquatic Environment” 	7 year
8.	TATIANA LAMPRIDI	Architect	<ul style="list-style-type: none"> ◆ University of Kent 	7 years
9.	ALEXIOS BOTSKOV	IT Technician	<ul style="list-style-type: none"> ◆ BS in Computer Science 	2 years
10.	ANDREAS MPOUROS	Lawyer	<ul style="list-style-type: none"> ◆ School of Law, University of Athens 	17 years

S/N	FULL NAME	SPECIALITY	TITLES OF STUDIES	EXPERIENCE
11.	PAPACONSTANTINOU DIMITRIOS	Architect	<ul style="list-style-type: none"> ◆ National Technical University, Athens ◆ MSc in Advanced Architectural Studies, Bartlett School of Architecture and Planning ◆ PhD in Architecture, Bartlett School of Architecture and Planning 	26 years

B. ADMINISTRATIVE PERSONNEL

S/N	FULL NAME	SPECIALITY	TITLES OF STUDIES	EXPERIENCE
1.	MARIA VENEDIKI	Executive Secretary	<ul style="list-style-type: none"> ◆ “Company & Industrial Accountancy – Computerization Accountancy” Greek Speaking College KEAS XINI 	19 years
2.	MARIA-PENELOPE KAKOULIDI	Assistant Accountant	<ul style="list-style-type: none"> ◆ Department of Computer Accountant IEK AKMI 	6 years
3.	ANDRIANI PATSIMA	Assistant Accountant	<ul style="list-style-type: none"> ◆ Department of Accountancy, Technological Institute of Messolongi 	1 year
4.	GEORGE GOLFINOPOULOS	Chemical Engineers, Security Technician	<ul style="list-style-type: none"> ◆ M.A.Sc in Applied Sciences, Polytechnical School of Romania ◆ PhD of the Polytechnical University of Romania ◆ DIPLOMA IN MARKETING (C.I.M.) : Strategic Marketing Management & International Marketing Strategy, E.E.Δ.E 	12 years

C. EXTERNAL COLLABORATORS

S/N	FULL NAME	SPECIALITY	TITLES OF STUDIES	EXPERIENCE
1.	Dr. KATIA FRANGOUEDES	Political and Juridical Scientist	Since 1993, Katia Frangoudes has participated in numerous research programmes funded by the EU (Framework Programme of DG Research, DG Fish, DG Environment) or French authorities. Among others she has participated in the coordinated actions ESSFIN and FISHGOV and she has been the coordinator of the following programmes: COASTMAN-ELSA-PECHE: and FEMMES	19 years
2.	Dr. CONSTANTINOS STAMATOPOULOS	Biostatistician	He is a former FAO expert (Senior Fishery Data Officer). Responsible for fishery statistical development and technical advice to member countries. Preparation of scientific papers on fishery statistics and stock assessment. Preparation of computer software for fishery surveys and stock assessment. Organizing of seminars and training courses on fishery statistics. Project identification, formulation, implementation and evaluation in the sector of fisheries statistical monitoring and management. He has experience in ASIA: Vietnam, Cambodia, Myanmar, Sri Lanka, Thailand, Iran, Oman, Cyprus, Lebanon EUROPE: Georgia, Greece AFRICA: Egypt, Tunisia, Mauritania, Ivory Coast, Ghana, Togo, Benin, Cameroon, Nigeria, Congo DR, Congo RP, Angola, Gabon, Sao Tomé & Príncipe, Malawi, Tanzania, Burundi, MadagascarLATIN AMERICA and CARIBBEAN: Venezuela, Colombia, Panama, Suriname, Antigua, Br. Virgin Islands, Monserrat, Barbados, Bahamas	38 years
3.	Dr. JOHN KLADAS	Aquaculture & Fisheries expert	An expert in marine aquaculture and management of lagoons. 27 years of proven experience in the field of marine fish aquaculture, hatchery operations, the design and planning of marine aquaculture activities, design and planning of infrastructure (e.g cages), impact of introduction of new species, fish diseases, ecological and environmental impacts, fish feed formulation and development.	27 years
4.	EVRIS PASSARIS	Fisheries & aquaculture marketing specialist	Fish marketing expert with important experience in the countries of the Middle East (Iraq, Jordan, Saudi Arabia, United Arab Emirates, Kuwait, Lebanon) and Africa (Libya, Nigeria, Sudan, Guyana). He has a significant	33 years

S/N	FULL NAME	SPECIALITY	TITLES OF STUDIES	EXPERIENCE
			presence in these regions for the export of aquaculture products and construction materials. He was responsible as consultant for the development of the company "BUBIYAN FISHERIES" in Kuwait as the only sea bream aquaculture plant in the Middle East with an annual capacity of 600 tonnes.	
5.	GEORGIOS KATSAS	Financial expert	Director Manager and exterior Collaborator Offices of Economic Studies. Economic Expert of Court of first instance Athens	48 years
6.	Dr. REFIK ORHUN	Tropical Aquaculture expert	Tropical marine aquaculture. 25 years of proven experience in the field of marine fish aquaculture, and offshore areas, hatchery operations, the design and planning of marine aquaculture activities, design and planning of infrastructure (e.g cages), impact of introduction of new species, fish diseases, ecological and environmental impacts, fish feed formulation and development.	25 years

10. BRIEF PROFILES OF KEY PERSONNEL

Dr. Christos Lambridis (*born in 1951*) holds B.A. in Economics (Athens University, 1969-1974). He has a Diploma for Advanced Studies in Management from Salford University (UK, 1974-1976), and M.B.A. from Bradford University (UK, 1975-1976) with specialty in Finance and Corporate Planning. He also holds a Ph.D. in Management and Administration from Bradford University (1976-1979). He is the President and Managing Director of Lamans s.a. as well as member of the Board of Directors of the Saving Bank of the Hellenic Post-office Organization. He implemented more than 400 studies dealing with market research, costing and financial consulting services during his 33 years career.

Languages: Greek, English, French and a little Arabic.

Valery-Mary Voulgari (*born in 1954*) holds a B.A. in Economics from the University of Athens (1972-1976). She performed postgraduate studies in the University of London (1978-1979) Birkbeck College from where she obtained a Master of Science in Economics. Her business experience initiated in 1979 at Doxiadis Associates (1979-1980) and from 1980-1986) she moved to the Industrial Development Bank (ETBA) at the Financial Analysis Department performing Studies and Financial Analysis. In Lamans she works since 1987. She has an extensive experience in Business plans, Project Management, and Costing studies.

Languages: Greek, English, Italian.

Dr. George Triantaphyllidis (*born in 1967*) studied Biology in the Aristotle University of Thessaloniki (Greece). He holds a Ph.D. in Applied Biological Sciences from the University of Ghent (Belgium, 1991-1995)) and he conducted post-doctoral Research at the Hellenic Centre for Marine Research in Greece (HUFA metabolism in Artemia) and at the University of Athens (1997-1999). Since June 1999 he is working in the private sector in the field of R&D and consulting for fisheries & aquaculture related projects. He participated in applied projects of live food production & manipulation for aquaculture applications (microalgae, rotifers and Artemia) and new species development (Solea solea and Octopus vulgaris) and has been involved on various national, European and international projects, having expanded the areas of services provided to project management, business planning, re-engineering, and research and development planning. He has a working experience with the marine species Seabream (Sparus aurata), Seabass (Dicentrarchus labrax), sharpnose seabream (Puntazzo puntazzo), red porgy (Pagrus pagrus), Silvery black porgy, (Sparidentex hasta) and white seabream (Diplodus sargus) and the freshwater species trout, Nile tilapia, carp and catfish. He is also specialized in larviculture nutrition and hatchery

management. He is experienced in experimental fishing activities with both coastal vessels (selectivity experiments with trammel nets) and bottom trawlers (selectivity experiments with standard knotted codend and knotless codend). He has a working experience in Greece, Egypt, the United Arab Emirates, Oman and Kuwait, and he implemented projects in Cyprus, Italy, Malta, Slovenia, Spain, Bulgaria, Romania, Uganda, Kenya, Tanzania, Yemen and Egypt. He participated in several EU funded projects and consultancies for the CFCA and DG Mare (former DG Fish) with the last ones being the Impact Assessment on the CFP Reform and regional social and economic impacts of change in fisheries-dependent communities. At the moment he is developing a Technical Assistance project to support the marine aquaculture sector in Egypt.

Languages: Greek, English.

Thomas Fotsis (born in 1954) holds a Chemical Engineer degree from the National Technical University and has a wide experience in project management in industrial applications and in cultural centers.

Languages: Greek, English.

Dimitrios Papakonstantinou (born in 1956) holds a degree in Architecture from the National Technical University and an MSc and PhD from the Bartlett School of Architecture and Planning, University College London. He is wide experience in the following areas: restoration of Byzantine and post-Byzantine monuments, rehabilitation and restoration design of 19th and early 20th century monuments and listed buildings, additions to monuments, design of churches, survey of ancient monuments and archaeological sites.

Languages: Greek, English, French.

*Theologos Papageorgiou (born in 1976) studied Aquaculture and Fisheries in the Technological Institute of Messolonghi. During his studies he was engaged in an R&D project concerning the capability of vaccination seabass juveniles against *Vibrio anguillarum* infection). He holds a M.Sc. in Total Quality Management from the University of Paisley. In Lamans he has been involved on various national and international projects on fisheries and aquaculture, having expanded the areas of services provided to project management, business planning, re-engineering, and research and development planning. He is experienced in experimental fishing activities with both coastal vessels (selectivity experiments with trammel nets) and bottom trawlers (selectivity experiments with standard knotted codend and knotless codend).*

Languages: Greek, English.

Vassiliki Papageorgiou (born in 1980) studied Ichthyology in the Technological Institute of Epeirous, Department of Igoumenitsa, School of Aquaculture and Fisheries (Greece, 1998-2003). She holds a Master in Sustainable Management of Aquatic Environment from the University of Thessaly, Department of Agricultural Sciences, School of Agriculture Ichthyology and Aquatic Environment (2004 - 2007). She participated in projects dealing with the conservation of fish stock and has experience in the composition of environmental studies. Also, she has attended meetings and seminars, regarding to the sector of aquacultures and fishery. Since 2007 she is working as a consultant for Lamans s.a. as a consultant in the sector of private investments in aquaculture.

Languages: Greek, English.

11. CONSULTING SERVICES THAT CAN BE PROVIDED BY LAMANS

Lamans can provide consulting services to both Public and Private sectors:

A. Public sector

- ◆ Consulting Services to the Ministry of Agriculture & Fisheries.
- ◆ Legal expertise and harmonization of legislation according to the EU acquis.
- ◆ Technical Assistance for the development of Organized Areas of Aquaculture (site selection, land planning, environmental impact assessment, hygiene and quality standards application)
- ◆ Statistical system for monitoring the fisheries effort
- ◆ Marketing analysis and studies
- ◆ Techno-economical studies
- ◆ HACCP and ISO studies
- ◆ Training and capacity building
- ◆ Elaboration of pre-feasibility and feasibility studies

B. Private Sector

Lamans can provide experienced managerial consultation but also provide the aquaculture unit with all the necessary equipment for the proper establishment and overall management.

- ◆ Technical Assistance
- ◆ Research and Development
- ◆ Marine hatcheries know-how and management
- ◆ Marine Cage farming know-how and management
- ◆ Evaluation & Monitoring (projects, programs, policies)
- ◆ Project Management
- ◆ Policy and legal issues
- ◆ Statistical system for monitoring the fisheries effort
- ◆ Marketing analysis and studies
- ◆ Techno-economical studies
- ◆ Elaboration of pre-feasibility and feasibility studies
- ◆ Environmental Impact Assessment Studies

- HACCP and ISO studies
- Training and capacity building
- Recruitment of personnel
- Construction and operation know-how of marine hatcheries and packaging units
- Provision of specific software for the management of farms, IT technology etc
- Managerial consultation but also provide the aquaculture unit with all the necessary equipment for the proper establishment and overall management
- Training of personnel in Greece and in the United Arab Emirates
- Recruitment of personnel
- Selection of the most appropriate equipment:
 - a. Floating cages
 - b. Fish nets
 - c. Anchoring equipment
 - d. Lighting equipment
 - e. Tanks for transferring the fish
 - f. Diving equipment
 - g. Vessels for the feeds transferring and the fishing activities

Apart from the above equipment a modern fish farm must take into consideration the automatization of the surround facilities, which will enforce the overall management of the fish farm:

- a. Size selection equipment
- b. Counting equipment
- c. Auto feeding system
- d. Production Monitoring system
- e. Closed Circuit TV (CCTV) for the monitoring of the fish farm
- f. Enterprise Resource Planning (ERP) system for continuous monitoring, costing and management of the farm.

12. SELECTED REFERENCES FROM AQUACULTURE & FISHERIES PROJECTS IMPLEMENTED BY LAMANS

Expertise as Technical Advisors in Ministries

1. Technical Consultant for the implementation of actions and projects of the Greek Operational Program Fisheries 2000- 2006 for the year 2003- 2004.
2. Technical Consultant for the implementation of actions and projects of the Greek Operational Program Fisheries 2000- 2006 for the year 2002.
3. Study on the Greek Sea food Processing and Packaging Industry.
4. Study on the Social Security System of fishermen, fish workers and fish farmers.
5. Study for the definition of terms and conditions for the performance of professional fishery.
6. Study for the creation of Zones of Organized Development for Aquaculture in Greece
7. Determination of appropriate marine areas in the Region of Peloponnisos (Greece) where marine aquaculture development can be successfully implemented
8. Development of the typology of the Greek Professional Fishermen of small coastal fishery based on fishing and socio-economic characteristics.
9. Study on nutrition and development of the common octopus *Octopus vulgaris* under controlled culture conditions.
10. Technical & financial Studies for Aquaculture companies that submitted in the framework of the Regulation (EC) 2792/99 for the Operational Programme Fisheries 2000-2006
11. Consultancy Services to the Department of Agriculture in Cyprus for the preparation of the National Strategic Plan and the Program for Rural Development 2007-2013.
12. Implementation of articles 8, 9, 10, and 19 (§ 2a and 2b) of the Marine Strategy Framework-Directive (2008/56/EC) in the marine waters of Cyprus

Expertise in Research & Development and European Commission Projects

13. Study on the impact and feasibility of setting up a Joint Inspection Structure based on a Common Fishery Control Agency (FISH/2003/10).
14. Development of an integrated management system to support the sustainability of Greek fisheries resources (IMAS-Fish).
15. Use of legumes and carob seed germ meal as constituents of feeds for sea bass and sea bream (LF Fish)
16. Study on the market for the aquaculture produced sea bass and sea bream species (FISH/2003/05).
17. Improving and promoting the image of fisheries and aquaculture sector by converting farms into leisure and training facilities (Fish Fun and Learn).
18. Special use of artificial intelligence for inserting traceability tags on fish for combating illegal, unreported and unregulated fishing (SPARTACUS).
19. Pathways to Vocational Training for Workers of the Fisheries Sector (FISHTRAIN).
20. Diversification activities Based on Local Resources Special Characteristics.
21. Field study to assess some mitigation measures to reduce by-catch of marine turtles in surface long line fisheries (FISH/2005/28A)

22. Impact Evaluation of Aquaculture Interventions in Bangladesh
23. Studies in the fields of the Common Fisheries Policy and Maritime Affairs. Reference No FISH/2006/09. Lot 2: Legal studies related to maritime affairs.
24. Studies in the fields of the Common Fisheries Policy and Maritime Affairs. No FISH/2006/09. Lot 4 : Impact assessment studies related to the CFP. SPECIFIC CONTRACT No 4: Technical analysis (phase 1) of the Impact Assessment for the CFP 2012 reform.
25. Studies in the fields of the Common Fisheries Policy and Maritime Affairs. No FISH/2006/09. Lot 4 : Impact assessment studies related to the CFP. SPECIFIC CONTRACT No 6: “Regional social and economic impacts of change in fisheries-dependent communities”.
26. EuropeAid/127054/C/SER/Multi - Lot.1: “Rural development and food security”
27. Impact Assessment of Discard Reducing Policies (FISH 2006/09- LOT 4, Specific Contract 9)
28. Costs and benefits arising from the establishment of maritime zones in the Mediterranean Sea (MARE/2010/05)
29. Framework Programme: “Scientific Advice And Other Services For The Implementation Of The Common Fisheries Policy In The Mediterranean Sea” Lot1 (Mare/2009/05). Specific contract No.3. Estimation of maximum net length of trammel nets, gillnets and combined bottom set nets by using the volume or the mass of the net (ARCHIMEDES).
30. Contribution to the Plan of Action for Seabirds (FISH 2006/09- LOT 2, Specific Contract 6)
31. “Study on information systems supporting fisheries controls in the European Union” (CFCA/2010/B/02)
32. Rapid Assessments on selected Greek Fisheries

Expertise in ACP (African, Caribbean & Pacific countries)

33. Advice and support to the Competent Authority of Kenya (in the framework of the SFP ACP/OCT project).
34. Training of Competent Authority Personnel of Eritrea (1/02/03/ERI) (in the framework of the SFP ACP/OCT project)
35. Training to the Competent Authority and to the Exporting Industry of Guyana (10/07/03/GUY) (in the framework of the SFP ACP/OCT project)
36. Training to the Competent Authority and to the Exporting Industry of Grenada (13/07/03/GREN) (in the framework of the SFP ACP/OCT project)
37. FOOD and FEED LEGISLATION, Case Study National Competent Authority in Uganda (22/07/04/UG) (in the framework of the SFP ACP/OCT project)
38. Strengthening Fishery Products Health Conditions in Gambia, Ghana, Liberia and Sierra Leone (in the framework of the SFP ACP/OCT project)
39. Evaluation of the Amelioration of the sanitary status of the fisheries products in Gabon (45/07/06/GAB) (in the framework of the SFP ACP/OCT project)
40. Elaboration of a Plan for the Surveillance of environmental Contaminants of the Fisheries Sector of Benin, Cameroun and Togo (46/07/06/FWA/SC1) (in the framework of the SFP ACP/OCT project)
41. Evaluation of the needs and conditions of the Guinea Bissau Competent Authority (53/10/06/GNB) (in the framework of the SFP ACP/OCT project)

42. Implementation of a Fisheries Management Plan (IFMP) for Lake Victoria
43. Technical Assistance team for the Regional Programme for the Sustainable Management of the Coastal Zones of the Countries of the Indian Ocean Location

Expertise in the Private Sector

44. Tuna ranching in the United Arab Emirates.
45. Environmental Impact Assessment studies and Land-Planning studies for Aquaculture hatcheries, on growing units and packaging unit.
46. Technical Consultant for the development and implementation of an Intergraded Management System consisting of ISO 9001, ISO 22000, ISO 14001, OHSAS 18001, EMAS and CSR (Corporate Social Responsibility) in all sites of SELONDA AQUACULTURE S.A.

Expertise in Arab and Middle East Countries

47. Technical Assistance in Fish Quality Control – Support to Competent Authority in Yemen
48. Feasibility Study for Technical Assistance Programme in the Egyptian Aquaculture Sector

Ref. 1	Project title	Technical Consultant for the implementation of actions and projects of the Greek Operational Program Fisheries 2000- 2006 for the years 2003- 2004						
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
Lamans s.a.	Greece	370.500	100	10	Directory of Fisheries, Ministry of Agriculture	EU	1/2003 – 12/2004	
Detailed description of project						Type of services provided		
<p>Lamans offer services as the Technical Consultant for the Operational Program of Fisheries 2000-2006. The role of the Technical Consultant will be to facilitate the operation of the Program by supporting the Management bodies, formed by Public Servants, that constitutes the core of the decision making team for the Program and the entire Ministry.</p> <p>Among the tasks of the Technical Consultant for the Operational Program of Fisheries 2000 – 2006 is to provide services for the organization, operation and monitoring of the different projects funded by the Program, to consult and advice the General Directorate of Fisheries and the decision making bodies for the Program. In addition, the Technical Consultant will provide services to The Hellenic Ministry of National Economics for the monitoring and financial surveillance of the Program. The Technical Consultant is also responsible for preparing a number of reports and case studies concerning the operation of the Program and the different sectors of fisheries that are benefited by the Program.</p>						<ul style="list-style-type: none"> ○ Support to the Management Bodies ○ Operation and monitoring of the different projects funded by the Program ○ Consult and advice the General Directorate of Fisheries ○ Services to The Hellenic Ministry of National Economics for the monitoring and financial surveillance of the Program 		

Ref. 2	Project title	Technical Consultant for the implementation of actions and projects of the Greek Operational Program Fisheries 2000- 2006 for the year 2002						
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
Lamans s.a.	Greece	130.000	100	6	Directory of Fisheries, Ministry of Agriculture	EU	1/2002 – 12/2002	
Detailed description of project						Type of services provided		
<p>The role of the Consultant was to facilitate the operation of the Program by supporting the Management bodies that were formed by Public Servants that constitute the core of the decision-making team for the Program and the entire Ministry. Among the tasks of the Technical Consultant for the Operational Program of Fisheries 2000 – 2006 was the provision of services for the organization, operation and monitoring of the different projects funded by the Program, to consult and advise the General Directorate of Fisheries and the decision making bodies for the Program.</p> <p>In addition the Technical Consultant provided services to The Hellenic Ministry of National Economics for the monitoring and financial surveillance of the Program. The Technical Consultant was responsible to produce a number of reports and case studies concerning the operation of the Program and the different sectors of fisheries that are assisted by the Program</p>						<ul style="list-style-type: none"> ○ Support to the Management Bodies ○ Operation and monitoring of the different projects funded by the Program ○ Consult and advise the General Directorate of Fisheries ○ Services to The Hellenic Ministry of National Economics for the monitoring and financial surveillance of the Program 		

Ref. 3	Project title							
	Study on the Greek Sea Food Processing and Packaging Industry							
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
Lamans s.a.	Greece	110.000	100	3	Ministry of Agriculture	EU	6/2002 – 1/2003	
Detailed description of project						Type of services provided		
<p>The Study on the Processing and Packaging Industry of Seafood (wild and farmed) was conducted in Greece from June 2002 to January 2003 and was funded by the measure 5.1 of the Technical Assistance Action of the Operational Program Fisheries 2000-2006. The main objective of the study was to provide a useful and trustworthy tool for the valid and efficient implementation and exploitation of the Operational Program in the Seafood Processing & Packaging sector.</p> <p>The implementation of the study was divided in two phases. During the first phase, the existing secondary data from different sources (production, import & export data, number and geographical distribution of the companies of the sector, financial data, investment subsidies, legal status) were collected in order to assess in quantitative terms the capacity of the sector. In the second phase a field research was conducted through personal in- depth interviews with the top management of the companies of the sector in order to collect more analytical data, such as raw material used, origin, problems, markets of final product, production and strategy methods, qualitative data on employed personnel. At the same time the interview intended to assess the competitiveness of the sector by recording the estimations of the entrepreneurs and the managers on the potential demand and supply in Greece and abroad. The last chapter of the study examined potential scenarios for the development of the sector and drew some general conclusions for the potential of the sector and its products. During the study, a database, called "PROFISH" was developed in order to incorporate all collected data, and to assist both researchers and the Ministry handle the bulk of information.</p>						<ul style="list-style-type: none"> <input type="radio"/> Agricultural development <input type="radio"/> Project management <input type="radio"/> Strategic development <input type="radio"/> Socioeconomic study <input type="radio"/> Design of a flexible control system 		

Ref. 4	Project title							
	Study on the Social Security System of fishermen, fish workers and fish farmers							
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
Lamans s.a.	Greece	55.000	100	4	LKN Analysis Ltd	EU	2002 – 2003 (12 months)	
Detailed description of project						Type of services provided		
<p>The study of the Social Security regime of professional fishermen, fish workers and fish farmers was consisted of two phases. In the first phase, the existing situation was analyzed and in particular the following elements were specified.</p> <p>a. The classification of the workers based on their professional status quo, the fishing tools, the demographic distribution and the insurance charges by each Insurance Fund.</p> <p>b. The recording of the weaknesses of the existing status quo.</p> <p>The second phase of the study the major modifications of the insurance regime were developed. In this phase the Consultant examined the following:</p> <p>a. The potential development of the fish producing sector in Greece</p> <p>b. The evolution of the terms of social security and their services rendered in relation with types of employment.</p> <p>c. The possible consequences of the existing regime in Fisheries sector and the evolution of the social security system or workers in the Fisheries and Aquaculture sector.</p> <p>Finally the Consultants proposed the principal lines for transformation of the existing social security regime based on the European Community Laws and Regulations.</p>						<ul style="list-style-type: none"> ○ Evaluation and analysis of the current system ○ Data analysis ○ Assess of the European legislation ○ Proposals for transformation according to the European status 		

Ref. 5	Project title		Study for the definition of terms and conditions for the performance of professional fishery					
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
Lamans s.a.	Greece	67.500	100	4	Infogroup s.a.	Ministry of Agriculture	2002 (5 months)	
Detailed description of project						Type of services provided		
<p>The main objective of the study was the assessment of the criteria for the definition of the professional fisherman. The consultant examined the qualifications for the acquisition of the attribute and title of professional fisherman and evaluated the current social security system for the professional fishermen. He also examined the terms and conditions for the acquisition and possession of a professional fishing vessel and he proposed the enactment of a new legislative framework for the professional fishing licenses.</p>						<ul style="list-style-type: none"> <input type="radio"/> Evaluation and analysis of the current situation <input type="radio"/> Assessment of the current social security status for professional fishermen <input type="radio"/> Assessment of the current status for the ownership of professional vessels <input type="radio"/> Proposal of a new legislative framework 		

Ref. 6	Project title							
	Study for the creation of Zones of Organized Development for Aquaculture in Greece							
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
Lamans s.a.	Greece	320.000,00	38	3	Ministry of Agriculture	EU	12/2002 – 12/2004	
Detailed description of project						Type of services provided		
<p>The Ministry of Agriculture, due to the particular interest and the importance for the development of the sector, of the creation of Zones of Organized Development for Aquaculture (P.O.A.Y), proceeded to the entrusting of relevant studies for specific regions, in order to facilitate the interested parties, to ensure a unified way of dealing with this subject and to accelerate the creation of POAY in the country. The duration of the studies varies from 6 to 24 months.</p> <p>Lamans has undertaken the studies for the region of Thesprotia, Echinades Islands and the South Gulf of Evia. The studies concern:</p> <ul style="list-style-type: none"> • Data for the operating aquaculture farms in these areas (recording of the farms, prospects of development, regulation in force for the establishment of a farm, recording of problems per region, suggestions – solutions) • Evaluation of the data concerning the suitability of each region for the development of aquaculture, the application of sustainable development, the contribution in the improvement of the structure of the market, the creation of relevant structures etc. • Substantiated proposals for areas for the development of aquaculture in each region (definition of locations, proposed producing activities – types of culture and species, potentiality, proposed arrangement, supporting facilities – technical infrastructure, environmental implications, evaluation of the cost of the proposed projects) • Assessment of the terms of management and operation of the regions (assessment of the categories or branches of production, definition of basic administrative and environmental infrastructures and equipment necessary for their operation) 						<ul style="list-style-type: none"> ○ Collection of data ○ Assessment of the existing legislation ○ Evaluation ○ Proposal of zones ○ Assessment of the terms of management and operation of the regions 		

Ref. 7	Project title	Determination of appropriate marine areas in the Region of Peloponnisos (Greece) where marine aquaculture development can be successfully implemented						
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
Lamans s.a.	GREECE	84,150	100%	4	MINISTRY OF RURAL DEVELOPMENT & FOOD "CA FOR OPERATIONAL PROGRAM OF FISHERY"	EU – National Funds	03/2008 – 06/2009	--
Detailed description of project						Type of services provided		
<p>The general aim of the project is to mark the most suitable areas for the creation of organized marine aquaculture development in Peloponnisos (Greece). The main objective is to map these areas for future use of the Competent Authorities and interested investors for the aquaculture sector. A development plan for aquaculture requires the harmonious coexistence of different users of the coastal zone while ensuring environmental protection. From the above it is evident that there is a need for the siting of aquaculture operations in order to find suitable areas for this important activity to secure proper installation and functioning and future development of the whole region.</p> <p>A series of correlated sectors had been examined in order to secure a positive and secured outcome:</p> <ul style="list-style-type: none"> • Natural environment • Spatial structure • Human activities • Fisheries activities <p>The results were structured on the following elements:</p> <ul style="list-style-type: none"> • Identify critical physical parameters • Land use and land-use conflicts • Adequacy of space for aquaculture development • Comparative advantages of aquaculture • Integrated sustainable management • Reliability of the legal framework • Strengthening of sectoral employment • Contributing to the improvement of market structure • Advantages and ensuring healthy products • Creating infrastructure 						<ul style="list-style-type: none"> • Socio-economic study of the region • Identification of conflicts with other geographical areas – Consequences • Cost estimation of the proposed infrastructure • Identification of the consequences of the proposed infrastructure to the marine and terrestrial environment • Proposal for the proper Management and operation of these proposed areas 		

Ref. 8	Project title							
Development of the typology of the Greek Professional Fishermen of small coastal fishery based on fishing and socio-economic characteristics.								
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
Lamans s.a.	Greece	38.242	100	3	Aquaculture Center of Acheloos	EU	2002 – 2003 (12 months)	
Detailed description of project						Type of services provided		
<p>Lamans assisted the client and implemented a field research in two levels:</p> <p>A. In the responsible authorities, the Secretary and the Authorities of Fisheries in Provinces and in the entire country, in order to collect data regarding the professional licenses of fishermen and boats, as well as their characteristics, such as types of boats, fishing tools, production, modernization actions of fishing fleet, measures for the training of the fishermen, assessment of results etc.</p> <p>B. In the Secondary level associations of coastal fishermen in order to record data on the categories of professional fishermen, eg. fishermen in wetlands, small- scale and large- scale coastal fisheries)</p> <p>In this field study, there are 2 parallel levels:</p> <p>α) Social Research</p> <p>For that reason, 1500 personal interviews based on structured questionnaires were taken, in order to record both demographic and socioeconomic characteristics, such as production, fishing fields, financial data, basic and supplementary equipment of the boat. The research focused also on their problems as well as on their opinion.</p> <p>In order to determine the sample, both qualitative and quantitative data were taken into account, such as the geographical distribution of the coastal fishermen in the country and in different peripheries, the density of the population, the diversity of the vessels and tools and therefore the diversity of the fishing fields.</p> <p>In the second phase, the analysis and the evaluation of data took place, in order to determine the criteria and qualifications of the fishermen and the development of their typology.</p>						<ul style="list-style-type: none"> ○ Rural Development ○ Socioeconomic studies ○ Developmental Plan ○ Standardisation of the Plan according to Eu requirements 		

Ref. 9	Project title		Study on nutrition and development of the common octopus <i>Octopus vulgaris</i> under controlled culture conditions					
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
Lamans s.a.	Greece	439.948	7	2	Ministry of Development, General Secretary of Research and Development	EU	2002 - 2004 (24 months)	
Detailed description of project						Type of services provided		
<p>This project investigated the dietary preferences and the physiology of the common octopus (<i>Octopus vulgaris</i>) and developed artificial food from all the developmental stages of the animal, so as to be able to be produced on a commercial scale.</p> <p>The program collected and evaluated all necessary data on the nutrition, the metabolic rates, the necessary nutrients for the different developmental stages of <i>Octopus vulgaris</i>, that allowed:</p> <ol style="list-style-type: none"> 1.The achievement of a complete biological cycle under controlled conditions of cultivation. 2.The determination of the dietary requirements in each developmental stage. A series of laboratory experiments was performed in order to investigate the dietary requirements the growth rates in each developmental stage in combination with the different environmental conditions. 3.The determination of the metabolic situation and therefore of the energy balance of the different developmental stages in comparison with the environmental conditions. The metabolism of each stage was examined through measurements of respiration (consumption of oxygen) and the excretion of ammonia. A mathematical model was produced to describe the diversifications of the metabolism in the stages of development of <i>Octopus vulgaris</i> in comparison with temperature and nutrition. 4.The determination of the growth rates in comparison with the other developmental stages and environmental parameters. 5.The determination of the rates of maturation in comparison with the environmental factors. 6.The determination of fertility and the hatching rates under controlled external environment. <p>The cultivation of octopus in a pilot scale in order to achieve mass production for commercial reasons in the future.</p> <p>7. Lamans also prepared a feasibility study for the cultivation of octopus under intensive conditions.</p>						<ul style="list-style-type: none"> <input type="radio"/> Coordination <input type="radio"/> Collection and evaluation of data <input type="radio"/> Development of artificial food <input type="radio"/> Feasibility study 		

Ref. 10	Project title		Technical & financial Studies for Aquaculture companies that submitted in the framework of the Regulation (EC) 2792/99 for the Operational Programme "Fisheries 2000-2006"					
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
Lamans s.a.	Greece		100				From 2000	
Detailed description of project						Type of services provided		
<p>From 2000 Lamans has elaborated 62 studies for the majority of the Aquaculture companies of Greece. The studies included a detailed technical and financial study for investment plans to be submitted to the Ministry of Agriculture for funding in the framework of the Operational Programme "Fisheries 2000-2006".</p>								

Ref. 11	Project title	Consultancy Services to the Department of Agriculture in Cyprus for the preparation of the National Strategic Plan and the Program for Rural Development 2007-2013.						
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
Lamans s.a.	Cyprus	40.000	40%	4	Ministry of Agriculture, Natural Resources and Environment in Cyprus	50% EC 50% National Cypriot Funds	4/10/2005 31/8/2006	TECHNOMART Engineering and Project Consultants Ltd Business Architects Consultancy SA
Detailed description of project							Type of services provided	
<p>The consortium led by LAMANS, carried out the following tasks:</p> <p>A. Proceed in actions that enhanced the current knowledge on the developments, procedures and programming of rural development on a European level and accompanied the assigned personnel in the Brussels meetings for support.</p> <p>B. Assisted in the elaboration and finalization of the National Strategic Plan for Rural Development of Cyprus within the time limits that are defined by the European Commission and the Cypriot Department of Agriculture. The National Strategic Plan was based on the guidelines of the European Commission and was adjusted to the specific conditions of Cyprus and the special needs of the Cypriot rural areas. For this to be achieved it was necessary to analyze the current conditions and define the main goals, objectives and strategic directions for the forthcoming Programming Period. The National Strategic Plan was submitted to the European Commission in 2006.</p> <p>C. Assisted the Department of Agriculture with the preparation of the Program for Rural Development 2007 -2013. The Program Document should have been in direct compliance with the goals, objectives and strategic directions that will be included in the National Strategic Plans, which will precede. The consultancy support was related to the implementation procedures of the new program as well as the finalization of the Axis and Measures, including the implementation criteria.</p> <p>The above activities realized through special conferences as well as broader seminars as these defined by the concerned authority and addressed mainly to the Department of Agriculture but also to other beneficiaries that are directly or indirectly related with rural development. Specifically for activities B and C, the consortium submitted also in a written form its contribution (preliminary plans, proposals, etc).</p> <p>Apart from the reports that are mentioned above, the Consortium submitted, after request from the concerned authority, its written contribution on the finalization of the National Strategic Plan and the Program for Rural Development, during the duration of the contract, through the submission of preliminary plans, clarifications, proposals and innovative recommendations to the Department of Agriculture which will follow the guiding directions of the European Union and the Strategies of Lisbon and Göteborg.</p>							<ol style="list-style-type: none"> 1. Project Management 2. Evaluation of the agricultural sector in Cyprus 3. Elaboration and Finalization of the National Strategic Plan for Rural Development 4. Preparation of the Program for Rural Development 2007 – 2013 	

Ref. 12	Project title		Implementation of articles 8, 9, 10, and 19 (§ 2a and 2b) of the Marine Strategy Framework-Directive (2008/56/EC) in the marine waters of Cyprus					
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by legal entity (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
LAMANS SA Management Services	Cyprus	300.000	10%	3	Department of Fisheries and Marine Research, Cyprus	EU and Cypriot funds	9/2011-5/2012	AP MARINE LTD, NAGREF
Detailed description of project							Type of services provided	
<p>The Marine Strategy Framework Directive (MSFD) establishes a framework for community action in the field of marine environmental policy. Within this framework, Member States (MS) shall take the necessary measures to achieve or maintain Good Environmental Status in the marine environment by the year 2020 at the latest. For that purpose, marine strategies shall be developed and implemented in order to protect and preserve the marine environment, prevent its deterioration or, where practicable, restore marine ecosystems in areas where they have been adversely affected. In addition, marine strategies shall prevent and reduce inputs into the marine environment, with a view to phasing out pollution (as defined in Art. 3(8) in the MSFD), so as to ensure that there are no significant impacts on or risks to marine biodiversity, marine ecosystems, human health or legitimate uses of the sea. The economic and social (i.e. socio-economic) analyses required by the MSFD need to be understood in the context of the general objective of the Directive. The MSFD requires Member States to achieve or maintain Good Environmental Status (GES) in their waters by 2020 (Art 1.1 MSFD). The Directive states in Art. 1.3 that Member States shall, when developing marine strategies, apply an ecosystem-based approach to assess the state of their marine area and that Member States shall undertake “an analysis of the predominant pressures and impacts, including human activity, on the environmental status of those waters” as well as “an economic and social analysis of the use of those waters and of the cost of degradation of the marine environment” (Art. 8.1 MSFD). In order to fulfil the requirements for the Initial Assessment the following steps were followed as suitable to undertake:</p> <p><u>Identify and describe the different uses of the marine environment in terms of their economic and social importance and pressures</u></p> <ul style="list-style-type: none"> • Identify and describe the different uses of and pressures on the marine environment. • Assess direct and, if possible, the indirect benefits of the different uses of the marine environment. • Describe in qualitative and, if possible, quantitative terms the pressures caused by the different uses of the marine environment. <p><u>Describe in qualitative terms and, if possible, in quantitative terms the cost of degradation of the marine environment</u></p> <ul style="list-style-type: none"> • In the ecosystem approach GES should be defined and environmental status assessed in a Business As Usual scenario. This will enable the description of the difference between them in qualitative and, if possible, quantitative terms. • In the thematic approach, degradation themes and a reference condition should be defined before describing the difference between the reference situations and the current environmental status. • In the cost-based approach, all relevant current legislation should be identified and the cost and the proportion of this legislation should be assessed, prior to adding the costs attributable to the protection of the marine environment together. 							<p>LAMANS was responsible for the economic and social analysis of the use of those waters and of the cost of degradation of the marine environment.</p>	

Ref. 13	Project title		Study of the impact and feasibility of the setting up of a joint inspection structure based on a community fisheries control agency (fish/2003/10)					
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
Lamans s.a.	Greece, Italy, Cyprus, Malta, Slovenia	650.000,00	15%	3	European Commission, Directorate-General Fisheries.	European Commission Directorate-General Fisheries.	1/2004 – 8/2004	MRAG, Poseidon, Oceanic Developpement
Detailed description of project						Type of services provided		
<p>Lamans in collaboration with Marine Resources Assessment Group (MRAG) Ltd (coordinator), Poseidon Aquatic Resource Management Limited (Poseidon) and Oceanic Developpement (Oceanic) will examine the impact, setting and structure of a Community Fisheries Control Agency (CFCA) with responsibility for a Joint Inspection Structure (JIS). It is proposed to pool into the JIS, national means of inspection and surveillance of fishing activities for the purpose of deployment in accordance with Community inspection and surveillance strategies. It is also proposed that the CFCA will have direct responsibility for the execution of JIS tasks, operational duties, other advisory duties, as well as financial responsibility for the budget allocated to it by the Community. The CFCA's operational duties will support deployment of national means of inspection and surveillance by additional contracted means of inspection for the purpose of joint inspection and surveillance initiatives. The consultant examines the present situation in 2 Member States (Greece and Italy), 3 coastal candidate countries (Cyprus, Slovenia, Malta), as well as their Regional Fishery Organisations (RFOs), stakeholders.</p> <p>The analysis is to include:</p> <ol style="list-style-type: none"> 1. Identification of the tasks and mandates of all authorities involved in control and enforcement. 2. Identification of the budget and financial organization of each of the inspection services 3. The deployment of inspection and surveillance resources – inspectors, vessels, vehicles, aircraft <p>The Commission is expected, following advice from the Management Committee to set the CFCA's priorities, benchmarks and inspection routines.</p>						<ul style="list-style-type: none"> ○ Identification of the tasks and mandates of all authorities involved in control and enforcement in 5 Eastern Mediterranean countries. ○ Identification of the budget and financial organization of each of the inspection services ○ The deployment of inspection and surveillance resources – inspectors, vessels, vehicles, aircraft 		

Ref. 14	Project title	Development of an integrated management system to support the sustainability of Greek fisheries resources (IMAS-Fish).						
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
Lamans s.a.	Greece	2.642.623 €	9,4%	5	General Secretariat for Research & Technology	EU and Greek national funds	2003-7/2009	NCMR, IMBC, Aegean University, Univ/ty of Thessaly, QnR, INFOMAP
Detailed description of project						Type of services provided		
<p>The objective of the IMAS-Fish project was to organise an integrated system, based on existing fisheries data as well as new experimental data, to provide the appropriate information to be used for supporting the sustainable management of living resources in the Greek Seas in the future.</p> <p>An important part of program was the evaluation of the existing series of biological and fishing effort data collected during the last 15 years from National and International Research projects, concerning demersal and pelagic fish stocks. These data were evaluated, by applying error-detection techniques and improved by common methodological approach of checking error procedures. The evaluation of the existing algorithms, using the corresponding raw data, isolated inaccuracies and improved their quality and performance. The results will be used to establish an integrated fisheries database to efficiently store and elaborate these data sets.</p> <p>Biological parameters (length and age composition, mean length, maturity stages, age-length keys, abundance indices) of pelagic and demersal fish stocks analyzed. Available acoustic information, concerning small pelagic species, were transformed into absolute fish biomass parameters, ensuring the compatibility of these parameters to those from other fish resources.</p> <p>Spatial distribution and geographical characteristics of the fishing fleets, by fishing gear, were correlated to the associated fishing effort together with the landings data and market values of the fisheries products. These data have been collected from stratified sampling throughout the country on a monthly basis.</p> <p>Due to the fact that there is very limited information concerning selectivity of fishing gears used, a gear survey was undertaken to collect information on trammel net and bottom trawl codends selectivity. The results were used to develop a fleet selectivity model that will be used as an independent tool for fisheries management purposes.</p> <p>Environmental variability could affect fish stocks in a variety of ways; therefore environmental aspects are taking into account for fishery management purposes. The available environmental data (satellite imagery and auxiliary data) were analyzed to investigate spatial-temporal relationships between abundance distribution and life history strategies of the fish stocks.</p> <p>A number of different population models was examined to define reference points of various biological</p>						<p>The services provided included work on :</p> <p>(i) Technical Assistance to the Hellenic GSRT for the creation of an integrated management system to support the sustainability of Greek fisheries resources.</p> <p>(ii) Fishery Research Services and/or assistance in fishery management) including strengthening of the institutions dealing with Fishery in Greece;</p> <p>iii) Provision of training for Fishery Services in Greece. More specifically the services of LAMANS included:</p> <ul style="list-style-type: none"> ✓ Technical assistance for Research, Development and innovation projects ✓ Ecosystem based fisheries resource management ✓ Development of Decision Support Tools ✓ Development of Precautionary Approach to the Greek Fisheries Management System ✓ Evaluation of existing series of biological and fishing effort data ✓ Implementation of Technological and Implementation Plan ✓ Organisation of training seminars for fishery services ✓ Organisation of information days ✓ Organisation of disseminations activities 		

parameters. Advanced modeling (i.e. geostatistical methodology, GLMs, GAMs, ANN) applied to analyse spatio-temporal structure of fish stocks in the Greek Seas and investigate fish-habitat relationships. Through specific performance measures and reference points the project formulated advice for fisheries managers in a way that will convey the possible consequences of uncertainty. Risk assessment of the expected effects of alternative management options was undertaken, resulting in the evaluation to the expected effects, rather than recommendations. These outputs contributed towards a Precautionary Approach to the Greek Fisheries Management System.

HCMR was the coordinator and LAMANS participated in the evaluation of the existing series of biological and fishing effort data collected during the last 15 years from National and International Research projects, concerning demersal and pelagic fish stocks. These data were evaluated, by applying error-detection techniques and improved by common methodological approach of checking error procedures. The evaluation of the existing algorithms, using the corresponding raw data, isolated inaccuracies and improved their quality and performance. The results were used to establish an integrated fisheries database to efficiently store and elaborate these data sets.

The following tasks implemented:

1. Integration and harmonization of the existing databases organized by the various research institutes of Greece - Analysis of raw data in order to evaluate their accuracy, the production of metadata catalogues and their harmonization in terms of common way of presentation (units, method of derivation etc.).
2. Compilation of existing data - Compilation of secondary environmental data in satellite digital data format and production of environmental data time series.
3. Analyses - Spatial and temporal distribution analysis of the fisheries stocks in Greece - Risk and uncertainty analysis of the fisheries stocks in Greece.
4. Thematic and other maps - Organisation of the appropriate integrated GIS and data bank templates - Analysis of satellite digital data and derivation of information regarding the environmental processes related to the productivity and mortality of fisheries stocks and the production of time-series.
5. Analytical management models - Time series analysis models - Environment-stock abundance models - Environment-fishing effort models - Forecasting Models - Spatial and temporal models - Stock-abundance models - Stock forecasting models.
6. Studies and reports - Study of the effects of environment on the distribution of stock abundance based on the analysis of WP3 and WP5 data - Study on the indicators and reference points for the estimation of stock abundance - Risk and uncertainty analysis report.
7. Scenarios of fisheries management based on preselected criteria.
8. Training courses for application of the precautionary approach theory in the fisheries management of Greece.

Ref. 15	Project title							
	Use of legumes and carob seed germ meal as constituents of feeds for sea bass and sea bream (Acronym: LF Fish)							
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
Lamans s.a.	Greece	735.963€	12,6%	2	General Secretariat for Research & Technology	General Secretariat for Research & Technology	4/01/2004 – 3/01/2007	Hellenic Centre of Marine Research, BIOMAR, SELONDA, NAGREF/FCPI, University of Thessaly
Detailed description of project						Type of services provided		
<p>The variety of raw materials, which can be used as fish feed components has largely been reduced in recent years, due to problems with animal by products, quality of fish meals and GMO soya production, making the need for finding new sources more pressing. Legumes are good candidates as fish feed ingredients and are also well suited for plantation in Mediterranean countries. The main objective of this proposal is to study the potential of using locally produced legumes, which also exist in varieties developed in Greece, chick peas (<i>Cicer arietinum</i> L.) and peas (<i>Pisum sativum</i> L.), as fish feed ingredients. Furthermore Carob seed germ meal (CSGM) a by-product of the locust gum producing industry will also be tested. To achieve this objective the following issues will be studied.</p> <p>Changes in the composition of the raw materials studied in relation to production conditions. The composition will include both levels of nutrients as well as antinutrient content. The results of application of different treatments to reduce antinutrient content, which affect negatively legume nutritional characteristics. Treatments that would be applied include, thermal treatment like extrusion and autoclaving, de-hulling and enzyme treatment. The nutritional value of various untreated and/or treated products will be tested for small sized fish and fish close to the commercial size. This will be done by measuring digestibility values of the materials under test, changes in physiology of digestion, and performance factors of the fish fed with diets containing certain levels of the raw materials examined in comparison with commonly used fish feed. The effect of the specific diets on fish health and quality. This will be performed by following the microbial load and specific pathogens of reared fish and parameters of their non specific immune system and by organization of taste panels which will examine the produced fish. The results of this proposal gave the basic information required for including legumes, in fish diets. This could result in a reduction of the price of the feed, which will be beneficial for both the Fish Feed producing Industry as well as for the Aquaculture sector. The use of locally produced raw materials will in addition shorten the supply chain, reduce contamination risks and help to a more efficient control of the purchase. Local agriculturists will also benefited by finding a new and stable market for their products.</p> <p>The formed partnership has the potential of successfully carrying out this work since it consists of an Institute with great experience in fish nutrition and feed formulation work (HCMR, Athens), a Research Institute specializing in production of new varieties for legumes (NAGREF/FCPI), a Department of a newly formed University which has a big potential of biochemical work (UTH) and two Companies with an immediate interest for application of the results, a fish feed producing Industry (BIOMAR) and an aquaculture unit (SELONDA). Finally the collaboration with a well known Consultant Company (LAMANS) would ascertain a wide dissemination of the results to all interested members of the public, fish producers as well as consumers.</p>						<p>Lamans implemented the diffusion of the project's results. In this framework Lamans produced:</p> <ul style="list-style-type: none"> ○ a Technological Impelmentation plan (T.I.P.) ○ Creation and Maintenance of a web page ○ Organised press conferences and assisted HCMR to the organisation of seminars and workshops where the results of the project became known to key stakeholders of the aquaculture sector. ○ A number of publications in scientific journals as well as in pre-reviewed conferences. 		

Ref. 16	Project title							
	Study on the market for the aquaculture produced seabass and seabream species. (FISH/2003/05)							
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
Lamans s.a.	Greece, Cyprus	150.000	13	5	DG Fisheries	EU	2003 - 2004	University of Stirling
Detailed description of project						Type of services provided		
<p>The consultant assisted the University of Stirling (UK) that won a tender from DG Fisheries, to a service contract for a study on the market for the aquaculture produced seabass and seabream species. The consultant reported the evaluation of the real aquaculture production volume of seabass/bream from Greece and Cyprus. The study included the following issues: reliability of official statistics; estimation of real vs. official production over the period 1998-2002. Number of farms, Production capacity, Monthly production distribution, Current hatchery fry production, and trends for incoming years, Forecasted production evolution over the period 2002-2008. Emerging producers, Analysis of the production costs: past, current and forecasted, First sale prices, Analysis of the impact of Community aid on the development of the seabass/bream sector, Analysis of the 2001-2002 price crisis, forecasts of likely short term developments as well as a detailed market analysis, conclusions and recommendations.</p>						<ul style="list-style-type: none"> ○ Evaluation of the real aquaculture production volume of seabass/bream from Greece and Cyprus ○ Reliability of official statistics ○ Estimation of real vs. official production over the period 1998-2002 		

Ref. 17	Project title		Improving and promoting the image of fisheries and aquaculture sector by converting farms into leisure and training facilities – Fish Fun and Learn					
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
Lamans s.a.	Greece, Denmark, Ireland	223.194,189	31	4	DG Fisheries	EU	2004 - 2005	Bioconsult AS, Veno Fish Farm, IFA, Plagton SA, Acheloos TV
Detailed description of project						Type of services provided		
<p>The proposed Fish, fun & learn project aims to bring closer the audience (school children, consumers, sport and leisure fishermen etc) to the aquaculture farms and fishermen cooperatives in order to get acquainted with the sector. Fish, fun & learn will:</p> <ul style="list-style-type: none"> • Develop facilities in pilot aquaculture farms that will host public for leisure and training activities. • Explore best practices of image improving adopted to the specific needs and conditions for each country and propose action plans for every participating country. These examples could be useful for the neighbouring countries as all types of aquaculture and climate are represented. <p>Develop audiovisual material and tools for public awareness and information of the safety and quality of aquaculture products from different disciplines in an easy to obtain and compatible format. This material will be broadcasted in a network of collaborating TV stations in Greece and efforts will be made to achieve the same in Ireland and Denmark.</p>						<ul style="list-style-type: none"> ○ Coordination ○ Design and planning of the various actions ○ Creation of films ○ Preparation of the textbooks ○ Preparation of the dissemination material ○ Diffusion & Creation and maintenance of web-pages 		

Ref. 18	Project title	Special use of artificial intelligence for inserting traceability tags on fish for combating illegal, unreported and unregulated fishing (SPARTACUS)						
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
Lamans s.a.	Greece, Denmark, Spain	275.318,25	27	4	DG Fisheries	EU	1/2003 – 12/2003	Zenon, Argosaronikos FishFarm, Bioconsult, Luso Hispana, Evros Fisheries Association
Detailed description of project						Type of services provided		
<p>The SPARTACUS project aims to introduce (in pilot areas) tools of artificial technology (robot system) in fish landing ports and aquaculture packaging units of fish. The robot will insert special tags in a specific area of the fish's head (operculum-gill cover) avoiding the injury of the fish and blood extraction. The tag will contain all the necessary information (and additional as an option) in order to comply with the council regulation No 104/2000 of December 17 1999, that dictates that all fish products may not be offered for retail sale to the final consumer, unless appropriate marking or labelling indicates:</p> <p>a) the commercial designation of the species b) the production method (caught at sea or in inland waters or farmed) c) the catch area.</p> <p>Since tags can be placed in principle on fish with a size of more than 250 gr, smaller fish should be placed in boxes and marked with special stickers that will comply with the regulation 104/2000.</p> <p>Although in all EU countries regulation and legislation against IUU is in force categorised in a) measures to enhance monitoring, control and surveillance and to penalize non-compliance (b) measures affecting IUU fishing markets and profitability (c) measures to enhance flag State control and (d) other measures to combat IUU fishing, the vast majority of the consumers are not aware of the fishing regulations and therefore the pressure of the public opinion is not active in the battle for the protection of the fish stocks and against IUU fishing. Therefore SPARTACUS will focus also in public awareness actions as one of the ways to combat IUU fishing is considering pressure of the consumers at the "market" stage of the fisheries industry chain.</p>						<ul style="list-style-type: none"> ○ Establishment of sustainable mechanisms for data collection, analysis, packaging and dissemination. ○ Improvement of fisheries, quality assurance and social infrastructure ○ Establishment and Management of a resource and socio-economic monitoring System 		

Ref. 19	Project title	Pathways to Vocational Training For Workers of Fisheries Sector - FISHTRAIN						
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
Lamans s.a.	Greece, Italy, France, Spain, Cyprus	539.895	24	4	DG Fisheries	EU	2001 - 2004	University of Athens, OIKOS, AELV, Global Interface, TENDER, KEK Consul, PAPF, University of Ancona, Evros.
Detailed description of project						Type of services provided		
<p>FISHTRAIN is the acronym of the Pilot Project titled "Pathways to Vocational Training For Workers of Fisheries Sector". Is co-funded by Leonardo da Vinci Programme 2000-2002. It is a transactional cooperation between 10 partners from 5 countries of Mediterranean Sea. The partnership consists of Universities, Environmental NGO's, Fisheries Experts, Fisheries Associations, Vocational Training Providers, from Greece, Italy, France, Spain and Cyprus. Project's duration is 36 months and will end at October of 2004.</p> <p>The main objective of the Program is to design, to implement and to evaluate a Vocational Training Programme, tailor made to the needs of its end-users. This Vocational Training Programme will be oriented in Sustainable Fisheries Management of Mediterranean Sea and its living resources.</p> <p>For that reason the partners will begin a dialogue among all Stakeholders of Fisheries Sector at European, Mediterranean and National Level and especially with:</p> <p>End Users Training providers Fisheries Social Partners Environmental NGO's</p> <p>The program aims also to identify the needs and requirements of fishermen and other stakeholders located in Mediterranean Sea and to design a Vocational Training Programme that will cover the perceptions and needs of End-Users, able to transmit the knowledge on Sustainable Management of Fisheries. Finally it will produce Training Material, in order to be implemented in Vocational Training Initiatives.</p> <p>Finally a Vocational Training Programme will be produced that will be based on the needs and requirements of Mediterranean Stakeholders in fisheries. The program will focus on topics such as food hygiene, Safety on Board or Environmental Protection and aims to be able to diffuse the idea of Sustainable Management of Fisheries, to make fisheries attractive for younger people.</p>						<ul style="list-style-type: none"> ○ Coordination ○ Design, implementation and evaluation of a Vocational Training Programme ○ Identification of the needs and requirements of fishermen and other stakeholders ○ Production of training material 		

Ref. 20	Project title	Diversification activities Based on Local Resources Special Characteristics						
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
Lamans s.a.	Greece, Italy, France, Spain	193.900	22%	4	Hellenic Fishermen Confederation	DG Fisheries	1/2004 – 6/2005	Hellenic Fishermen Confederation, Municipality of Etoliko, Tender
Detailed description of project						Type of services provided		
<p>The general aim of the project is to facilitate the conversion processes of surplus manpower employed in fishing activities. An innovative organisational structure is introduced implementing methods, principals and working tools to minimise the risks of failure in the new working activities.</p> <p>Specific objectives of the project are:</p> <ul style="list-style-type: none"> • facilitate the change of the working activities of fishermen and workers of the entire sector through the development of their own competences and capabilities to recognise and directly manage new working opportunities using also the possibilities of seasonal or part time work; • facilitate the diversification of the activities of fishermen and increase the versatility of the small scale fishermen that already exist in the Mediterranean; • let cover Fishermen and Ship-owners Association a more relevant role in vocational guidance, in vocational training, for the start up and the follow up of the new activities; • attain a clear and agreed definition of roles and responsibilities among stakeholders during the design and the management of the conversion initiatives in order to assist the fishermen and workers during the initial transitional period, because surplus manpower in fishery sector should be managed following a typical "Labour Market" approach (see what happened in steel or shipbuilding industry) and not with "naïve" approaches; • recognise and classify local resources which could attract fishermen, and workers and to exploit local resources like real and potential working opportunities according to the meaning and guidelines of the Local Agenda 21 for a Sustainable Development; • promote the harmonization of the administration context all around the European Mediterranean countries and prepare examples of "Map of the Working Opportunities at local level". 						<ul style="list-style-type: none"> ○ Collection of "successful and failure concrete practices" of reference in Greece. ○ Participation at the development of a methodology to read, classify and analyse "local resources" and potential opportunities available to implement Diversification Initiatives ○ Application of the methodology to 3 areas depending on fishery to define the socio-economic reference scenario ○ Participation at the evaluation of the proposed methodological pathways according to procedures contained in Agenda 21 Locale for the Sustainable Development ○ Identification of possible roles and responsibilities of stakeholders during diversification processes because they should be managed like actions for the employment in the Labour Market ○ Dissemination of the project's results and output at national, Mediterranean and European level 		

Ref. 21	Project title							
	Field study to assess some mitigation measures to reduce by-catch of marine turtles in surface long line fisheries							
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
Lamans s.a.	EU	978.273 €	17,18%	5	DG Fisheries	European Commission	2006-2007	MRAG, AZTI-Tecnalia
Detailed description of project						Type of services provided		
<p>LAMANS together with MRAG and AZTi Tecnalia won the FISH/2005/28a field study by the European Commission, represented by the Directorate-General for Fisheries and Maritime Affairs (DG FISH)</p> <p>The study will aim at assessing combinations of hook design and gear arrangements that may reduce substantially the by-catch of marine turtles while allowing viable fisheries for commercial species. This objective shall be sought by the conducting of experimental fisheries on board commercial vessels in the Atlantic and in the Mediterranean in the context of an experimental design allowing to estimate the catch and by catch rates under different combinations of hook design, bait size and nature and gear deployment. The experimental design should also allow estimating the precision of the catch and catching rate estimations. The final product should include also a list of recommendations to alleviate turtle by-catch in a manner that still would permit viable fisheries for highly migratory species.</p> <p>The objective of the study is to evaluate the applicability and assess the consequences of some technical changes in fishing operations that have already been showing positive results in reducing by catch of sea turtles in some long line fisheries.</p> <p>Through properly designed trials at sea, the study shall aim at assessing the consequences of the use of different hooks and baits on the catch composition compared with the hooks and baits generally in use at present in long line fisheries conducted by EU vessels targeting primarily sword fish in the Atlantic and in the Mediterranean.</p> <p>The study should allow testing different combinations of hooks and baits and their effect on by catch of sea turtles and target fish, but also on all other type of species caught (such as sharks or birds for example). The study should also allow identifying the operational consequences, whether positive or negative, of such technical changes and offer where possible some practical solutions to possible technical difficulties.</p> <p>The partners will have to prepare and conduct field trials in line with the objectives and terms of reference of the study provided above. The study shall be based on an experimental design and detailed scientific protocol presented in a comprehensive manner and fully justified in its tender. In preparing and conducting the trials, the contractor shall take all necessary measures to ensure that the turtles by-caught during the trials and still alive are manipulated and released in a manner that would ensure highest rate of survival. The field trials shall concern primarily swordfish fisheries conducted by EU fleets using surface long lines in the Atlantic and Mediterranean Sea (Lamans will be responsible for central and eastern Mediterranean).</p> <p>The study should allow as much as possible cooperation between scientists and professional fishermen: the association of the latter is highly recommended as a way to optimize the preparation and the performing of the study.</p>						<ul style="list-style-type: none"> <input type="radio"/> Field trials <input type="radio"/> Experimental design <input type="radio"/> Experimental fishing <input type="radio"/> Vessel chartering <input type="radio"/> Scientific protocol preparation 		

Ref. 22	Project title							
	Impact Evaluation of Aquaculture Interventions in Bangladesh							
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
Lamans s.a.	Bangladesh	325.247	35,5%	8	DANIDA	Denmark	12/2006-1/2009	ORBICON
Detailed description of project						Type of services provided		
<p>This evaluation focused on the impact of Danida-supported aquaculture interventions in Bangladesh from 1989 to 2006, with regard to income, living standards, health and women's empowerment. From 1989 to 2006 Danida's support for the three main aquaculture extension interventions in Bangladesh (implemented within the Regions of Mymensingh, Noakhali, and Patuakhali) amounted to nearly DKK 145 million and reached approximately 200,000 households (HHs) through the Mymensingh Aquaculture Extension Project/Component (MAEC), the Greater Noakhali Aquaculture Extension Project /Component (GNAEC), and the Patuakhali & Barguna Aquaculture Extension Project /Component (PBAEC). In December 2006, a consortium made up of Orbicon A/S (Denmark) and Lamans s.a. Management Services (Greece), together with a team of Bangladeshi subcontractors from the Bangladesh Centre for Advanced Studies was contracted by Danida to undertake an impact evaluation of MAEC, GNAEC, and PBAEC. A decision not to include PBAEC was made due to the effects of cyclone Sidr in the Patuakhali and Barguna Region.</p> <p>The Evaluation undertook the following major activities:</p> <ul style="list-style-type: none"> • A comprehensive review of available data and documentation. • A systematic matching of HH data from different survey databases. For Mymensingh a short-run (two years) and long-run (10 years) impact analysis was undertaken. For Noakhali, one analysis was carried out combining data from databases covering 2000-07. • Carrying out 36 Focus Group Discussions (FGDs), six workshops, 21 interviews, and 17 site visits, involving close to 400 women and men. • Data analysis, combining quantitative and qualitative results and findings. <p>The Evaluation considered four dimensions of impact for participants versus comparable groups of non-participants: 1) Income and consumption expenditures, 2) assets, 3) housing, and 4) nutrition and health. Further, the evaluation contains an analysis of the channels through which these impacts have occurred and of the determinants of change. The evaluation had to work with limited baseline data, and is based on data from available surveys and databases, as well as a number of site visits, workshops, interviews and focus groups discussion. The overall conclusion of the evaluation is that DANIDA-supported interventions successfully achieved their goal: an increase in the value of fish production from aquaculture, and to some extent increased sub-sector employment, resulting in an improvement of the socio-economic position and physical well-being of participating households. In addition, the interventions enabled and supported a period of unprecedented growth in aquaculture production in Bangladesh that affected participants and non-participants alike.</p>						<ul style="list-style-type: none"> ○ Project Management ○ Socioeconomic evaluation ○ Focus Groups Discussions organisation ○ Socioeconomic analysis related to natural resource management 		

Ref. 23	Project title		Studies in the fields of the Common Fisheries Policy and Maritime Affairs. Reference No FISH/2006/09. Lot 2: Legal studies related to maritime affairs					
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
Lamans s.a.	Greece			1	DG MARE	EU	2009-2010	MRAG, Netherlands Institute for the Law of the Sea- University of Utrecht, Oeko Institute, Institute of Maritime Law - University of Southampton , PolEM sp Z o.o.
Detailed description of project						Type of services provided		
<p>The European Commission, represented for this tender by the Directorate-General for Fisheries and Maritime Affairs, concluded 4 framework contracts for studies related to the implementation of the Common Fisheries Policy and the development of a Maritime Policy for the European Union. The specific contract that is presented here falls within the LOT 4 Impact assessment studies related to the CFP. The contracts will have a duration of two years and may be renewed once for another period of two years, i.e. a maximum duration of four years. Maritime monitoring and surveillance data is currently gathered at Member State level by a range of agencies for a number of different purposes including fisheries management, the promotion of safe navigation, policing the seas and border and immigration control. At the same time a range of different mechanisms exist for the exchange of surveillance data gathered by the military in and around European waters. The public consultation exercise for the Maritime Policy revealed broad stakeholder support for further integration of maritime monitoring and surveillance data although there are a number of obstacles that will need first to be overcome. The specific aim of the study as regards monitoring and surveillance data is to contribute to a better understanding of the legal issues relating to the sharing of surveillance data that will feed into a forthcoming Commission Communication on the subject.</p> <p>Monitoring and surveillance schemes Analysis suggests that the Study Terms of Reference are actually concerned with what are essentially three different types of mechanism. For the purpose of analysis these can be broken down as follows: 'Reporting regimes'; 'Surveillance schemes'; and 'Data sharing mechanisms'. For the purpose of discussion these three types of mechanism will be referred generally as 'schemes'. In fact the situation is a little more complex because, as will be seen, some schemes (such as VTS) make use of data that is both actively reported (pursuant to a reporting regime) as well as to surveillance data (from a surveillance scheme).</p>						<p>The task of the national consultant is to contact the relevant authorities and hold interviews as necessary in order to prepare a short report on the legal and institutional arrangements for maritime surveillance in Greece.</p> <p>In preparing the report the consultant should seek to provide answers to the following questions:</p> <p><u>Reporting regimes</u></p> <ol style="list-style-type: none"> Which agency is responsible for the operation of each of the relevant reporting regimes? Which agencies are involved in gathering maritime surveillance data? Which item of national legislation regulates each reporting regime (in addition to applicable rules of EC/international law)? <p><u>Surveillance schemes</u></p> <ol style="list-style-type: none"> Have any surveillance schemes been established? What is the legal basis of each surveillance scheme? 		

Detailed description of project	Type of services provided
<p>Reporting regimes Under this heading are included those regimes whereby data must be actively reported by a person subject to the applicable reporting regime. Included under this heading are AIS, VMS, LRIT, the Hazmat reporting regime as well as the requirements to report crew and passenger details imposed under the Schengen Borders Code and the Maritime Security Regulation. European Community legislation requires each Member State to have such reporting regimes in place.</p> <p>Surveillance schemes Under this heading can be included arrangements under which data is gathered by surveillance methods in respect of which the person who is subject to the scheme plays no active part. Such surveillance methods include satellite, radar, stationary and mobile detection systems, cameras, intelligence etc collected from operational centres, mobile units, ports, border crossing points and other sources. Military surveillance data is invariably gathered through surveillance schemes but some border protection schemes such as the Spanish SIVE scheme can also be included in this category. In addition many VTS schemes include radar surveillance and camera surveillance as well as AIS and some, such as the UK also radio direction finding (RDF) equipment.</p> <p>Data sharing mechanisms Finally under this category are a number of mechanisms for the sharing and exchange of surveillance data whether gathered from Reporting Regimes and Surveillance Schemes. Such mechanisms can exist within a single jurisdiction (such as the Finnish system) in order to enable data to be shared among different agencies such as: The Military (Navy, Air-force, Army); Customs Service; Border Guard Service; Coast Guard; Police; Fisheries Management Administration; The Merchant Shipping Administration; Port & Harbour Authorities; and Environment ministry or agency.</p>	<p><u>Data sharing mechanisms</u></p> <ul style="list-style-type: none"> a) Have any data sharing mechanisms been established either nationally within the study country? b) Is the study country party to any international data sharing mechanisms? c) If so what data may be shared? d) Are there any restrictions on the types of data that can be shared (eg between military and civilian agencies)? e) If so which agencies are entitled to share data?

Ref. 24	Project title	Studies in the fields of the Common Fisheries Policy and Maritime Affairs. No FISH/2006/09. Lot 4 : Impact assessment studies related to the CFP. Specific Contract No 4: Technical analysis (phase 1) of the Impact Assessment for the CFP 2012 reform.						
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
Lamans s.a.	Greece	262.608	5,06	1	DG MARE	EU	2009-2010	MRAG, IEEP, IFM, Oceanic Development Ltd. and Poseidon ARM
Detailed description of project						Type of services provided		
<p>The European Commission, represented for this tender by the Directorate-General for Fisheries and Maritime Affairs, concluded 4 framework contracts for studies related to the implementation of the Common Fisheries Policy and the development of a Maritime Policy for the European Union. The specific contract that is presented here falls within the LOT 4 Impact assessment studies related to the CFP. The contracts will have a duration of two years and may be renewed once for another period of two years, i.e. a maximum duration of four years. In the Specific Contract No 4, the Commission intended to adopt a package on the reform of the current control policy in October 2008. The package will comprise a Communication setting out the underlying approach and main features of the reform advocated by the Commission and a proposal for a Council Regulation on the reform and modernisation of the control system applicable to the Common Fisheries Policy. To this end, an impact assessment of the proposed package needed to be carried out. The contractor was asked to contribute to that process as described below: To make an impact assessment following the EC's impact assessment methodology (eg sec (2005) 0791) to specifically examine the impacts on European fisheries, fishing economies and communities, and governance and administrative dimensions, of a continuation of the current (2002) CFP.</p> <p>The following tasks have been defined in the TORs:</p> <p>Task 1: Collate baseline (state of the art) recent data/trends (e.g. 5-10 years) and information relevant to the examination of the CFP.</p> <p>Task 2: Analyse the institutional/decision-making process, both the formal arrangements and the actual reality, against current objectives of the CFP (i.e. desired and non-desired outcomes)</p> <p>Task 3: Examine likely changes and quality of recent policy initiatives, or new policy initiatives entering into force before the 2012 reform.</p> <p>Task 4: using Tasks 1-3 outputs for the main CFP policy areas (as referred to in point 1.3 above), define indicators and set up an analytical framework to analyse impacts of the STATUS QUO scenario.</p>						<p>The approach taken for this Status Quo impact assessment was to:</p> <ul style="list-style-type: none"> ○ Review the current performance of the CFP with respect to 27 indicators of environmental performance, economic performance, social development, governance, administration and simplification, coherence and external policy. ○ Define a likely Status Quo scenario for the development of these indicators in the future, taking into account the likely impact of current policy (the 2002 revision of the CFP (Council Regulation 2371/2002), and more recent policy developments including the IUU regulation, the Control regulation, discards policy and data collection regulations) as well as externalities (such as the natural ability of fish stocks to recover, the impact of global trade, demand for fish and oil prices). The Status Quo scenario assumes no major revision of the CFP in 2012. ○ Analyse the impacts of the Status Quo scenario on the 27 indicators, assessing whether the development of these indicators over the period 2012 – 2022 is likely to be negative or positive. 		

Detailed description of project	Type of services provided
<p>Task 5: Examine the possible impacts of pursuing the STATUS QUO scenario, over a ten-year horizon, 2012-2017-2022:</p> <p>Task 6: Summary of results and Report writing.</p>	<p>This analysis used a combination of</p> <ul style="list-style-type: none"> • Reasoned analysis following current trends • Quantitative analysis utilising bio-economic model results <p>○ The main modelling approach used an independent FLR-based stochastic projection of stock status, taking as its starting point the current (2008) status of 21 key stocks and applying harvest control rules defined in LTMPs or likely to be implemented in LTMPs in the future. The results of the projections were used as inputs to an EIAA model comprising the 57 most important fleet segments outside the Mediterranean, including pelagic, demersal and small scale sectors. For the Mediterranean, a single fishery (Adriatic small pelagics) was modelled in MEFISTO.</p>

Ref. 25	Project title		Studies in the fields of the Common Fisheries Policy and Maritime Affairs. No FISH/2006/09. Lot 4 : Impact assessment studies related to the CFP. Specific Contract No 6: "Regional social and economic impacts of change in fisheries-dependent communities".					
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
Lamans s.a.	Greece	399.478	17,30	6	DG MARE	EU	29/1/2010-31/7/2010	MRAG, IEEP, IFM, Oceanic Development Ltd. and Poseidon ARM
Detailed description of project						Type of services provided		
<p>The European Commission, represented for this tender by the Directorate-General for Fisheries and Maritime Affairs, concluded 4 framework contracts for studies related to the implementation of the Common Fisheries Policy and the development of a Maritime Policy for the European Union. The specific contract that is presented here falls within the LOT 4 Impact assessment studies related to the CFP. The contracts will have a duration of two years and may be renewed once for another period of two years, i.e. a maximum duration of four years.</p> <p>For the Specific Contract No 6, with Axis 4 of the EFF, the Common Fisheries Policy (CFP) has widened its scope to address socio-economic development of local and regional communities depending on the fisheries sector. Within this approach, the emphasis is on the impact and the added value of the sector (that includes capture, processing, marketing, support services, and aquaculture).</p> <p>The Commission therefore requires data on the socio-economic situation of coastal communities, in particular those dependent on the fisheries sector, in particular relating to the value-added of fishing (both small-scale and industrial) for different types of fishing communities. This will be addressed through a series of case studies.</p> <p>The study addressed the main aims of:</p> <ul style="list-style-type: none"> • Carrying out case studies within different types of coastal communities with the focus on the importance and future prospects of fisheries, processing and other maritime activities, from the social and economic points of view. • Supporting the discussion about the future CFP, in particular as regards future financial support for the purpose of coastal development <p>This work has been divided into two tasks:</p> <p>Task 1: Elaborate case studies From the TOR Task 1 requires that no less than 24 case studies should be delivered.</p> <p>Task 2: Deliver conclusions</p>						<p>Lamans was responsible to implement the following case studies:</p> <ul style="list-style-type: none"> ○ Italy: case study for Mazara del Vallo ○ Italy: Sardinia and more specifically a case study for Oristano (alternative Sassari). ○ Greece: Preveza ○ Romania: Danube Delta ○ Bulgaria: region of Yugoiztochen in the area North of Burgas 		

The TORs required the following: The case studies shall be grouped according to patterns of development and followed by conclusions focusing on critical factors for successful development/decline/diversification of/to fisheries and other maritime activities. These conclusions should also look into the rationale for future public intervention in fisheries and other maritime activities.

To address this requirement, the analysis (Task 1b) provided the basis for developing and delivering conclusions and recommendations relating to the economic importance and profitability of fisheries and other marine-related activities. Similar case studies were grouped and additional analysis conducted across the case studies to draw out the important points from the different experiences, local assessments of adaptability and vulnerability from the SWOT analysis and to link these to ongoing policy reforms. These recommendations were based on a quantitative (where possible) and qualitative analysis.

Ref. 26	Project title EuropeAid/127054/C/SER/Multi - Lot.1: "Rural development and food security"							
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
Lamans s.a.	All countries of EU external assistance	16 million €	7,07	3	Secretariat of European Commission	10th EDF EuropeAid	10/2009 – 10/2011 (+ 2years)	Landell Mills (UK) Agrár Európa (HU) Agroconsulting Internacional (ES) CA 17 International (FR) IAK Agrar Consulting (IAK) (DE) Indufor (FI) Lamans Management Services (GR) Rural Partnership Program Agency (KAIMO/KBPPA) (LT) Swedesurvey (SE) TMS International (IE) VetEffecT (NL)
Detailed description of project						Type of services provided		
<p>Lamans is participating on this consortium providing its vast experience in food safety and fisheries but also to all the other sub- sectors of Rural Development. The specific sub-sectors where we will provide expertise are as follows:</p> <ul style="list-style-type: none"> • Agricultural primary production, included horticulture • Forestry • Land management (land reform, land use planning and farm restructuring) • Rural infrastructure incl. irrigation and drainage • Equipment definition (agriculture equipment, laboratories...) • Crop protection and disease control • Animal production and health • Agricultural production and marketing groups (inclusive co-operatives) • Food safety (safe for consumption) • Food security • Fisheries 						<ul style="list-style-type: none"> ○ The rapid recruitment and mobilisation of short-term services ○ Quality inputs and quality outputs ○ The flexibility to call upon experts to conduct assignments throughout the world and across the sector 		

Ref. 27	Project title	Impact Assessment of Discard Reducing Policies (FISH 2006/09- LOT 4, Specific Contract 9)						
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
Lamans s.a.	EU	250.075	2,5	3	Directorate General For Maritime Affairs and Fisheries	EU	3/2011-5/2011	MRAG, IEEP, IFM, Oceanic Development Ltd. and Poseidon ARM
Detailed description of project						Type of services provided		
<p>A series of on-site interviews took place at key locations which have experiences in implementing and/or designing discard ban/monitoring programmes in their fisheries. The purpose of these site visits was to establish the challenges faced while implementing such a programme, assessment of the impacts (costs: management costs, fish price reduction; benefits: stock recovery, greater quotas) and estimation of actual levels of discards that were originally occurring. Further research through desk-based studies, on current policies and previous developments in the EU on discard policies. Relevant examples of discard policy development and implementation at an international level will also be considered to enhance and validate the research. In addition to data collected from these interviews and desktop studies, the comparison of results established from previous modelling work conducted during the Lot 4: Impact Assessment Studies related to the CFP was made. These models estimated changes in stock size and structure and total catch levels for cod and sole in the North Sea. These data complimented with FLR projections for species which have bycatch and discards included in assessments by ICES.</p> <p>It is clear that some action is needed to address the problem of discards in the EU. The no-action option is not considered to be viable, particularly given the stated objective of the progressive elimination of discarding in EU waters. Several important elements emerge from the case studies and other analysis carried out during this study that are associated with a higher likelihood of success of a strategy to eliminate discards. The possibility of a blanket ban on discarding, as has been used in a number of the case study countries, is clearly something being considered by the Commission. Such a discard ban is likely to have severe short term economic and social impacts in some fisheries, particularly those with high discard rates and marginal economic performance currently. Also, as shown by the case studies (e.g. New Zealand), it is not guaranteed to be successful and requires significant administrative support both to ensure compliance and to deal with the landings of previously discarded fish. A clear strategy to mitigate those impacts would be needed. More direct measures, such as gear modifications may be more acceptable to the industry, however, important issues such as the survivorship of fish escaping through devices such as square-mesh panels and other Bycatch Reduction Devices would need to be investigated to ensure that expected biological benefits are likely to be realised in practice.</p>						<p>Lamans contributed to the Studies made for Greece and Sicily and Adriatic Sea.</p>		

Ref. 28	Project title	Costs and benefits arising from the establishment of maritime zones in the Mediterranean Sea (MARE/2010/05)						
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
Lamans s.a.	EU	398.146	26,76	4	Directorate General For Maritime Affairs and Fisheries	EU	1/12/2010-30/11/2011	MRAG, IDDRA
Detailed description of project						Type of services provided		
<p>The overall objective of this study is that of shedding light on the costs and benefits of establishing maritime zones in the Mediterranean Sea, by:</p> <ul style="list-style-type: none"> – Identifying the existing maritime zones established in the Mediterranean Sea, including protected areas falling within such zones and/or on the High Seas, their related rights and obligations, the impact on economic activities carried out therein, together with environmental and social considerations. – Identifying the potentialities and challenges to further maritime zone establishment in the Mediterranean Sea and its sub-regions, and developing scenarios as appropriate, taking into account the current status as a point of departure. – In turn, qualifying and quantifying to the greatest extent possible the direct and indirect costs and benefits of maritime zone establishment, for both existing and potential zones/scenarios, also in the light of national, regional, European Union and international policy goals, legislation and agreements. <p>The contractor collected the relevant basic material, facts and related analyses through desk research and targeted explorative interviews with key actors in the field.</p> <p>The study will provide, on the basis of the evaluation carried out & ensuing results, conclusions as to:</p> <ul style="list-style-type: none"> • How and for which reasons is the extension of jurisdiction and the establishment of areas for the protection and management of marine resources, a viable course of action in the Mediterranean or not; • Which economic activities are most affected by the above; • Whether higher enforcement of the maritime zones and areas in question leads to more compliance with the agreed rules and provisions, and corresponding justifications; • Whether certain types of maritime zones could be more easily established than others including the advantages and disadvantages, costs and benefits, of such establishment. <p>Recommendations should be elaborated, taking into account the respective levels of competencies and responsibilities, i.e. between coastal States, the flag States, the EU, regional and international organizations.</p>						<p>Lamans was responsible to implement the data gathering in:</p> <ol style="list-style-type: none"> 1. Greece, 2. Cyprus, 3. Bosnia & Herzegovina, 4. Egypt, 5. Israel, 6. Lebanon, 7. Syria <p>In addition LAMANS contributed with data and analysis from the Eastern Mediterranean.</p>		

Ref. 29	Project title							
	FRAMEWORK PROGRAMME: "SCIENTIFIC ADVICE AND OTHER SERVICES FOR THE IMPLEMENTATION OF THE COMMON FISHERIES POLICY IN THE MEDITERRANEAN SEA" LOT1 (MARE/2009/05)							
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
Lamans s.a.	MEDITERRANEAN	1.650.000	According to Specific Contracts	19	Directorate General For Maritime Affairs and Fisheries	EU	08/2011-07/2013	CONISMA, CIBM, CSIS-ICM, CNR-IAMC, COISPA, HCMR, IREPA
Detailed description of project						Type of services provided		
<p>The subject of this Framework Programme is to provide the European Commission with a flexible tool for the provision of specific and timely scientific responses through advice and/or other specific preliminary services needed for the provision of the advice, which are necessary for the day-to-day policy and management of Mediterranean fisheries in the context of the Common Fisheries policy. The services will be within the following Terms of References:</p> <p>A. Assessment of the state of aquatic living resources and advise on fisheries management scenarios, such as:</p> <ol style="list-style-type: none"> 1) To assess the state of aquatic living resources either not included in the data collection framework or for which such a scientific work has not yet been done or is not going to be done on the short-term or on a regular basis; 2) To advise on the short-term and medium-term forecasts of stocks biomass and yield under different management options with a view to evaluate the consequences of fishing effort/fishing mortality changes; 3) To advise on stock-size dependent harvesting strategies and slope-based approaches decision control rules to avoid risk situations for the exploited stocks while ensuring high fisheries productivity; 4) To advise on fisheries management measures likely to safeguard the production potentials of the stocks assessed. <p>B. Ecosystems knowledge and its integration into fisheries management, such as:</p> <ol style="list-style-type: none"> 1) To assess the state and long-term evolution of aquatic living resources and explore their dependence upon key ecosystem factors in view of their integration into an ecosystem approach to fisheries management; 2) To interpret the current state and long-term evolution of fisheries and aquatic living resources in correlation with the historical perspective of changes and alterations of the habitats and environment; 3) To analyse the empirical relationships and predictive modelling between environmental parameters and stock size and distribution of small pelagic stocks; 4) To use GIS toolbox for mapping of existing or possible new fishing protected areas; 5) To advice on the interactions between strictly protected species, exploited stocks and fisheries. 6) To identify and map habitats to be protected, in particular, marine phanerogams, coralligenous and mäerl beds. <p>C. Monitoring of specific fisheries and fishing gears not included or insufficiently covered in the data collection framework or for which such a work has not yet been done or is not going to be done on the short-term or on a regular basis, such as:</p> <ol style="list-style-type: none"> 1) To evaluate catch, landing and/or discard composition of certain fisheries 2) To carry out experimental trials with specific fishing gears (e.g. rapido-trawl, small driftnets, bottom-set nets, surface long-liners, traps, etc.). <p>D. Effects of pollutants & of other human activities at sea on aquatic living resources and fisheries, such as:</p> <ol style="list-style-type: none"> 1) To advise on the likely impacts of certain pollutants on state of aquatic living resources and fishing yields; 2) To advise on impacts of wastes dumping and other human disturbances at sea on fishing activities, exploited aquatic living resources and habitats; 3) Use of GIS toolbox to analyse spatial competition and consequences on fishing activities of actions by different sea users; 						<p>Lamans is participating in the consortium providing services when needed.</p>		

Ref. 29a	Project title		Framework Programme: “Scientific Advice And Other Services For The Implementation Of The Common Fisheries Policy In The Mediterranean Sea” Lot1 (MARE/2009/05). Specific Contract No.3. Estimation of maximum net length of trammel nets, gillnets and combined bottom set nets by using the volume or the mass of the net					
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by legal entity (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
LAMANS SA Management Services	EU	167.687	12,26%	2	DG MARE	EU	10/2011-7/2012	CONISMA, CIBM, CSIS- ICM, CNR-IAMC, COISPA, HCMR, IREPA
Detailed description of project							Type of services provided	
<p>The objective of this project is the estimation of multiplying factors which will allow a quite precise and accurate estimation of the overall length (range) of different types of bottomset nets (trammel, gillnets, combined bottomset nets) and small size driftnets (<2,5km), on the basis of both the weight and/or the volume of a net amassed or stowed on a fishing vessel's deck, on the dock of a port or placed in basket(s). The study is organised in 3 Working Packages whose rationale and objectives are summarised below.</p> <p>WP1. Review the characteristics of passive nets as reported in literature and identify the technical parameters that mainly affect net structures. Information from various literature sources (peer review and grey literature, reports, etc.), relevant for describing the different types of Mediterranean bottomset nets (trammel, gillnets, combined bottomset nets) and small-sized driftnets (<2.5 km) will be collected and harmonised into a database which can support quantitative analysis and simulations. In this phase a first attempt to identify the technical features which mainly affect the net volume and weight will be done. To this purpose the involvement of Coast guard and Fishery Inspectors is also foreseen.</p> <p>WP2. Collect new data on the main technical features of passive nets through surveys and interviews on relevant key national and international initiatives (fishermen, fishing industries, netmakers, etc.) and specialized consultants, in order to implement the information collected during WP1 and to allow the development of WP3 (Passive net length estimation). Additional information on technical data will be collected through direct measurements at on-deck harbour.</p> <p>In this phase an experimental device or meter gauge for a quick gross measurement of the net length will be developed and tested. The new data collected will be harmonised with those from literature and stored in a more detailed and informative database containing new data, parameters, pictures etc. This will allow to test and validate both the qualitative and instrumental models elaborated during WP3. In this phase the local enforcement/control personnel (Coast guard, Fishery Inspectors) will be involved in the collection of new information and mainly in the validation of qualitative and instrumental models.</p> <p>WP3. Formulate reliable and easy-to-apply models which enable to establish a relationship between net volume/weight and length. To this purpose standard procedures will be set for the measurement of passive net volume and net weight. In this phase some simple experimental devices for the assessment of the net volume and weight will be developed and tested. The new gauges should be feasible and should be set taking into account the standard inspection procedures. In addition the relationships between net volume and some technical parameters (float dimension, twine thickness, hanging ratio etc.) will be established to identify reliable models (by net type) that enable to derive empirical estimations of the passive net length on the basis of net volume and/or net weight.</p>							<p>LAMANS is responsible for data processing and analysis and expressing by means of a formula the relationship between passive net length and net volumeweight obtained through the data collection.</p>	

Ref. 30	Project title							
Contribution to the Plan of Action for Seabirds (FISH 2006/09- LOT 2, Specific Contract 6)								
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
Lamans s.a.	EU		13.671	3	Directorate General for Fisheries and Maritime Affairs	EU	09/2010-04/2011	MRAG, The Netherlands Institute for the Law of the Sea (University of Utrecht, Oko- Institut e.V., Institute of Maritime Law, POLEM Sp. Zo.o.
Detailed description of project								Type of services provided
<p>The main aim of this study was to assess existing mitigation measures and their effectiveness in key areas where incidental catches of seabirds have been identified as occurring, based on a study by the Working Group on Seabird Ecology of the International Council for the Exploration of the Sea. Six case study fisheries are used to explore the scale and extent of seabird bycatch, assess fishers' perception of the issue, identify existing and potential mitigation measures, and assess their cost-effectiveness. The following case studies were covered:</p> <ul style="list-style-type: none"> • For longline fisheries: <ul style="list-style-type: none"> o the Gran Sol (demersal) (ICES area VIIj); o the western Mediterranean (pelagic and demersal) (Spain) (GSA 5 & 6); o Maltese and Greek waters (pelagic and demersal) (GSA 15, 20, 21, 22, 23); • For gillnet fisheries: <ul style="list-style-type: none"> o the 'eastern' Baltic Sea (Estonia, Latvia, Lithuania) (ICES area III d); o The 'western' Baltic Sea (Germany, Denmark, Sweden) (ICES area III b, c, d); and o The eastern North Sea (Netherlands) (ICES area IV). <p>The study was based on direct consultation with the fleets operating in the case study areas, as well as data and information from fisheries departments, researchers and NGOs working in related fields. Bycatch estimates generated from the fisher surveys varied greatly for both gillnets and longlines and highlight difficulties in interpretation of bycatch data over wider scales and the need for data collection at greater temporal and spatial scales to enable impacts to be assessed more accurately than was possible in this study.</p> <p>Ideally, a results based management approach is recommended, whereby fisheries in general should reduce their seabird bycatch by, or to, a specified level. Currently, however, the data available do not easily allow for bycatch limits or thresholds to be set; therefore there is an urgent need to develop effective data collection methods for seabird bycatch data across all EU fisheries to enable cumulative bycatch estimates to be assessed. There is also currently no means by which bycatch levels could be monitored against management thresholds and this needs to be addressed. Further research is required to assist the process of determining acceptable levels of additionally mortality that populations can withstand, from fisheries and other human-induced mortalities such as hunting that are under the jurisdiction of the Commission. Additional research testing, of both established and new mitigation measures should also be prioritized and may provide a means of engaging industry in the management process. The fact that most of the fishers interviewed in all case studies did not consider seabird bycatch to be a problem, indicates that further outreach work with the fishing community is necessary in order to build their understanding and support for the need for mitigation measures, if implementation of a Community Plan of Action for Seabirds is to be successful.</p>								Type of services provided
								Lamans SA contributed to the Studies made for Greece and Malta.

Ref. 31	Project title	“Study on information systems supporting fisheries controls in the European Union” (CFCA/2010/B/02)						
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
Lamans s.a.	EU	181.848	30%	2	European Fisheries Control Agency	CFCA	9/2010-11/2011	MRAG
Detailed description of project							Type of services provided	
<p>The study contributed to the formulation of recommendations on good practices and proposals of pilot projects, especially in the framework of the new Control Regulation (EC) No 1224/2009 of 20 November 2009. For this purpose, information has been collected on existing information systems supporting fisheries control and surveillance in the EU Member States, with the objective to provide guidance for their possible future development and to improve their interoperability for the exchange with other Member States, the European Fisheries Control Agency (EFCA) and the Commission.</p> <p>The twenty two maritime EU member States (Austria, Czech Republic, Hungary, Luxembourg and Slovakia have no marine fisheries and are therefore not considered within this study) were part of the scope of this study. The study has been organised in five regions: Baltic, North Sea, Western Waters, Western Mediterranean and Eastern Mediterranean. For each MS:</p> <ol style="list-style-type: none"> 1. A questionnaire on control activities and their related data was completed by the MS. 2. A desk study provided background information and an introduction to the information system in the MS from literature searches and standard databases of catches and landings such as the FAO FISHSTAT databases were used for background information; 3. A briefing presentation of this information was then made by the consortium of MRAG and LAMANS to the EFCA. 4. For each MS, the national authorities that coordinate fisheries control activities or are responsible for information systems of interest for fisheries control were visited by the EFCA, with a representative from the consortium of MRAG and LAMANS present during at least half of the visits for the region. The focus of the visits was to collect through interviews all the information necessary to complete the questionnaire elaborated for the study; 5. A debriefing presentation was then made by the consortium of MRAG and LAMANS to the EFCA. 6. A national report was produced for each of the MS describing the IS related to fisheries control activities. The reports focused on the practical considerations and the understanding of the way that national authorities and agents in charge of fisheries control operations manage and access data of interest for fisheries control activities, as well as the tools that are used to analyse and exchange information, especially in the framework of fisheries control operations performed in the framework of Joint Deployment Plans 							<p>LAMANS was responsible for the Western Mediterranean (Spain, Italy, Malta, Slovenia) and Eastern Mediterranean (Greece, Cyprus, Bulgaria, Romania).</p>	

(JDPs).

7. A Regional Report for each of the region provided further analysis to the National Reports and presented an overview each of the regions.

This study has shown the use of a wide variety of information systems in the MS in terms of size, scale and complexity. Although due to differences in the size, scale and diversity of fisheries in the MS, it is not possible to describe a single all encompassing solution that is appropriate to be deployed in all MS, there are a number of elements that can be drawn from the MS that can be used regionally or throughout the EU either as technical solutions or pilot projects, that would benefit fisheries control in terms of efficiency, efficacy and effectiveness.

These solutions and projects can be broadly classified in terms of those that can benefit fisheries control in terms of five groups: data collection, data management, data analysis, data access (i.e. provision of data to field teams) and data exchange.

ERS will become the dominant for logbook and sales note data collection from vessels at sea. The automatic submission of logbook data that have already been to a large degree verified and cross-checked that are therefore available to be verified on landing is highly valuable. Logbooks checks and cross-checks that can be made prior to landing can help targeting through risk assessment by identifying those vessels with a higher likelihood of misreporting. This will therefore increase the efficiency of fisheries control.

Remote collection of data on tablet computers, reduces errors at source or during data entry. On return to the patrol vessel or port office the tablets can be connected to the main system and the data uploaded onto the centralised system. This is a quick, effective way to collect inspection data. The use of master record sets for critical reference datasets such as the national vessel registers are recommended. These master record sets can be used either as a read-only data set, generated by a master system or a system of updating other systems can be developed, e.g. use of system object architecture. Centralisation of data into a low number of systems can benefit data quality control, analysis and management as these can be controlled by the data administrators much easier. The larger the number of systems the more data exchange and quality control are required and data analysis is made harder as data are held in separate systems. It is recommended that advice to MS is given on common structures that can be used in their information systems. Often only the Council Regulations are used to define requirements for systems which may not be ideal, resulting in difficulties in exchanging data between MS and between organisations within MS as they may not be in the same format. By harmonising current formats and advising on future applications for data exchange to be developed by MS, EFCA will be able to enhance data exchange in a similar manner to the ease by which vessel data are exchanged through the strict requirements laid down by FIDES.

In addition to these categories, one possible overarching project that would be possible through the EFCA is to facilitate the transfer of good practice and capacity building in working methods and systems that are used from one MS to others. This could have a number of elements, the first being a workshop with one or more representatives from each MS who are responsible for the systems behind fisheries control attending a workshop at CFCA. The workshop would focus on highlighting the good practice outlined in the study and how this can be delivered and replicated in other MS.

Ref. 32	Project title																																					
Rapid Assessments on selected Greek Fisheries																																						
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any																														
Lamans s.a.	Greece			1	MRAGUSA	Private funding	1/1/2012-29/2/2012																															
Detailed description of project						Type of services provided																																
<p>The purpose of this contract was to undertake rapid assessments on several selected Greek fisheries in accordance with the Contractor's methodology contained in <i>Instructions for Conducting MRAG Rapid Assessment Research, version 5/27/2010</i>.</p> <p>The Rapid Assessments required under this contract are listed in the following table. Additional Rapid Assessments may be added from time to time subject to mutual agreement between the Company and the Sub-contractor. Additional Rapid Assessments shall be subject to a separate Financial Agreement.</p> <table border="1"> <thead> <tr> <th>Common Name</th> <th>Scientific Name</th> <th>Origin (Fishing area)*</th> <th>Fishing Country (vessel flag)</th> <th>Gear Type</th> </tr> </thead> <tbody> <tr> <td>Anchovy</td> <td><i>Engraulis encrasicolus</i></td> <td>Greece</td> <td>Greece</td> <td>Purse seine / Trawler</td> </tr> <tr> <td>Sardine</td> <td><i>Sardina pilchardus</i></td> <td>Greece</td> <td>Greece</td> <td>Purse seine / Trawler</td> </tr> <tr> <td>Octopus</td> <td><i>Octopus spp. (Octopus vulgaris)</i></td> <td>Greece (Saronic Islands/ Etoliko)</td> <td>Greece</td> <td>Trawler</td> </tr> <tr> <td>Bogue</td> <td><i>Boops Boops</i></td> <td>Greece</td> <td>Greece</td> <td>Purse seine / Trawler</td> </tr> <tr> <td>European Hake</td> <td><i>Merluccius merluccius</i></td> <td>Greece</td> <td>Greece</td> <td>Trawler / longline</td> </tr> </tbody> </table> <p>*Note that this is as provided to the Company by the Company's Client and may not be where the fishery actually takes place</p>						Common Name	Scientific Name	Origin (Fishing area)*	Fishing Country (vessel flag)	Gear Type	Anchovy	<i>Engraulis encrasicolus</i>	Greece	Greece	Purse seine / Trawler	Sardine	<i>Sardina pilchardus</i>	Greece	Greece	Purse seine / Trawler	Octopus	<i>Octopus spp. (Octopus vulgaris)</i>	Greece (Saronic Islands/ Etoliko)	Greece	Trawler	Bogue	<i>Boops Boops</i>	Greece	Greece	Purse seine / Trawler	European Hake	<i>Merluccius merluccius</i>	Greece	Greece	Trawler / longline	<p>The Rapid Assessments shall be undertaken in sequence. A single Rapid Assessments shall be undertaken first and shall function in part as a means of instructing the Sub-contractor in the practice of undertaking Rapid Assessments according to the Contractor's methodology. The Rapid Assessment to be undertaken first shall be selected by agreement between the Company and LAMANS. The Company worked with LAMANS in the determination of outcomes with respect to the scoring categorization of the fisheries listed above. The primary function of LAMANS was to gather all available information, within the constraints of the Instructions for Conducting MRAG Rapid Assessment Research, version 5/27/2010 to enable the Contractor to make decisions with respect to the scoring categorizations.</p>		
Common Name	Scientific Name	Origin (Fishing area)*	Fishing Country (vessel flag)	Gear Type																																		
Anchovy	<i>Engraulis encrasicolus</i>	Greece	Greece	Purse seine / Trawler																																		
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European Hake	<i>Merluccius merluccius</i>	Greece	Greece	Trawler / longline																																		

Ref. 33	Project title Training of Competent Authority Personnel in Kenya (07/06/03/KEN)							
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
Lamans s.a.	Kenya	39.518,18	100	1	The Secretariat of the ACP Group of States	8th EDF EuropeAid	07/2003 – 08/2003	
Detailed description of project						Type of services provided		
<p>The main goal of the mission was to revise and evaluate the existing structure and organisation of the CA including the knowledge and formation of the related personnel and consequently give advice and technical support to the CA how to improve its performance as responsible surveillance body for fish as food.</p> <p>Furthermore the mission should revise the approval process for private enterprises and landing sites in order to give appropriate advice and technical support to the private sector and define clear and feasible Terms of Reference (ToR) for a series of follow up missions for reaching and keeping the necessary modern standards of control and processing food of animal origin.</p> <p>The consultants were requested to work closely with the Government of Kenya, particularly the Ministry of Agriculture and Rural Development, the beneficiaries involved and the EU Delegation in Nairobi as well as other relevant actors related to the proposed intervention. The focus of the project was on the evaluation and consequent advice to improve the organisational structure of the CA, including the testing laboratory facilities and its performance related to the surveillance of fish and fishery products.</p>						<p>Lamans provided the following services:</p> <ul style="list-style-type: none"> ○ Assistance in laying down the national legislation, ○ Assistance in organising an appropriate structure, ○ Advice to the elaboration of a relevant “Manual of Inspections / SOPs” ○ Training of fish inspectors ○ Assessment of the actual performance of the Competent Authority sector ○ Assessment of the private sector ○ Definition of ToRs for future projects 		

Ref. 34	Project title							
	Training of Competent Authority Personnel of Eritrea (1/02/03/ERI)							
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
Lamans s.a.	Eritrea	28.011,83	7,07	1	The Secretariat of the ACP Group of States	8th EDF EuropeAid	03/2003 – 04/2003	Sofreco, Société Française de Réalisation, d'Études et de Conseil
Detailed description of project						Type of services provided		
<p>The main objective of the mission was to carry out a technical evaluation and on the spot practical training of the systems of control of fishery products originating in Eritrea and intended to export to the EC. This was accomplished in order to support and fulfill the requirements to be added to part I of the list of Third Countries approved for export to the EC, set out in the Annex to Commission Decision 97/296/EC as consequences of the findings and recommendations of the project in 2002 (based on the general framework – Strengthening of the Implementation Capacities in ACP/OCT Countries in relation to Fisheries Products Sanitary and Veterinary Controls.)</p>						<p>Lamans verified and provided technical support of the supervision and checks put in place by the Eritrean Authorities regarding residue monitoring, chemical and microbiological program</p>		

Ref. 35	Project title Training to the Competent Authority and to the Exporting Industry of Guyana (10/07/03/GUY)							
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
Lamans s.a.	Guyana	39.518,18		1	The Secretariat of the ACP Group of States	8th EDF EuropeAid	10/2003 – 12/2003	Agriconsulting Europe
Detailed description of project						Type of services provided		
<p>The mission assisted the Guyana CA in strengthening the inspection system by giving theoretical and practical training to the concerned personnel particularly to the inspectors to improve its performance as responsible surveillance authority for fish and its products for human consumption.</p> <p>Furthermore the project gave advice to the fish industry to improve their internal QA systems including training on organisation and implementation of HACCP.</p> <p>Finally the mission defined after thorough evaluation of the situation and in collaboration with the CA and the related inspectors ToRs for the improvements of the landing sites with particular view of basic hygiene and handling of raw material;</p> <p>The consultants were requested to work closely with the Government of Guyana, particularly the Ministry of Health/Veterinary Public Health Unit, the beneficiaries involved and the EU Delegation in Georgetown as well as other relevant actors related to the proposed intervention.</p> <p>The focus of the project was on the advice and training of the CA to improve the organisational structure and its performance related to the surveillance of fish and fishery products as well as on training of industry QA managers in principles of modern QA in fish manufacturing establishments</p>						<p>Lamans provided the following services:</p> <ul style="list-style-type: none"> ○ Training of fish inspectors ○ Train QA managers of the processing industry ○ Define ToRs for training of fishermen 		

Ref. 36	Project title							
	Training to the Competent Authority and to the Exporting Industry of Grenada (13/07/03/GREN)							
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
Lamans s.a.	Grenada	36.170	7,1	1	The Secretariat of the ACP Group of States	8th EDF EuropeAid	10/2003 – 11/2003	Sofreco, Société Française de Réalisation, d'Études et de Conseil
Detailed description of project						Type of services provided		
<p>The project assisted the Grenada CA in strengthening the control capacities by theoretical and practical training of the concerned inspectors to improve the performance as responsible surveillance authority for fish and its products for human consumption.</p> <p>Furthermore the project gave advice to the fish industry to improve their internal QA systems including training on organisation and implementation of HACCP.</p> <p>The consultants were requested to work closely with the Government of Guyana, particularly the Ministry of Health/Veterinary Public Health Unit, the beneficiaries involved and the EU Delegation in Georgetown as well as other relevant actors related to the proposed intervention.</p> <p>The focus of the project was on training to improve the inspection capacities of the CA and its performance related to the surveillance of fish and fishery products as well as on the training of industry QA managers in principles of modern QA in fish manufacturing establishments</p>						<p>Lamans provided the following services:</p> <ul style="list-style-type: none"> ○ Training of fish inspectors ○ Train QA managers of the processing industry ○ Define ToRs for training of fishermen 		

Ref. 37	Project title							
	FOOD and FEED LEGISLATION, Case Study National Competent Authority in Uganda (22/07/04/UG)							
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
Lamans s.a.	Uganda	13.976	100	1	The Secretariat of the ACP Group of States	8th EDF EuropeAid	08/2005 – 09/2005	
Detailed description of project						Type of services provided		
<p>The objective of the study was to understand and analyze issues or concerns arising from the implementation of the food Law 178/2002/EC and the execution Regulation 882/2004/EC. This is intended to have all control systems in an integrated approach for both products of animal and plant origin.</p> <p>The study aimed at assessing practical concerns regarding the effectiveness of the existing Ugandan competent authority in exercising their supervisory, surveillance and control tasks as outlined in the food law and the Uganda equivalences and also identify existing gaps in the system.</p> <p>As a result of this study, practical approach on the management of the control system by all relevant bodies will be suggested and ideas spelt out on the sustainability of the national control system plan as well as putting in place measures to address those areas that need further improvement.</p>						<p>Lamans provided the following services:</p> <ul style="list-style-type: none"> ○ Description of sector activity ○ Analysis of the control system ○ Analysis of legislation ○ Analysis of proportionality ○ Analysis of equivalence 		

Ref. 38	Project title							
	Strengthening Fishery Products Health Conditions in Gambia, Ghana, Liberia and Sierra Leone							
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
Lamans s.a.	Gambia, Ghana, Liberia, Sierra Leone	1.037.775,00	49%	2	Secretariat of the ACP Group of States	8th European Development Fund	12/2004 – 12/2006	Agriconsulting Europe Sofreco
Detailed description of project						Type of services provided		
<p>The purpose of the project was to improve the access of fisheries products of West-African countries of Gambia, Ghana, Liberia, and Sierra Leone to the world markets, by improving the production health conditions in beneficiary countries and generating a sustainable system of sanitary controls and surveillance of fishery production and trading. The goal was to meet the food safety requirements of the main importing markets and in particular those of the European Union and, enhance the technical knowledge basis and statutory practices for improved standards of food safety for national consumers.</p> <p>The beneficiaries of the mission were the Governments of the participating countries in general and particularly the Competent Authorities and inspection services in the concerned Ministries. Other direct stakeholders of the project in each of the participating countries were the approved testing laboratories, technical and training institutions, and individual fisheries enterprises, small-scale fishers including women fish processors and traders, professional associations and fisheries resources management authorities. The ultimate beneficiaries were the fishing communities and the related industry in participating countries, as well as the national and international consumers.</p> <p>The results of this intervention were:</p> <ul style="list-style-type: none"> • The national Competent Authorities developed sustainable legal, organisation and financial operational structures within a regional network. • Testing laboratories and technical centres provided active technical scientific support to fish health controls • Improved level of Fish industry (fishing vessels and processing establishments) for compliance with health conditions for export. • Improved handling practices and infrastructures for small-scale fisheries. 						<p>Lamans provided the following services:</p> <ul style="list-style-type: none"> ○ Advice, support and training to the Competent Authorities ○ Advice, support to laboratory services and training of related personnel ○ Advice, support and training to private sector ○ Advice and support for artisanal fisheries and training of small-scale fishers 		

Ref. 39	Project title							
	Evaluation of the Amelioration of the sanitary status of the fisheries products in Gabon							
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
Lamans s.a.	Gabon	33.748,00 €	10%	1	Secretariat of the ACP Group of States	9th European Development Fund	11/2006 – 12/2006	Agriconsulting Europe
Detailed description of project						Type of services provided		
<p>The mission had mainly as an aim to evaluate the situation of the sanitary system of inspection and quality control of the fishery products in Gabon in order to support CA in identifying and estimating the budget of the activities to be realized within the framework of the implementation of program SFP-ACP/OCT in Gabon; with the aim to allow the CA of setting towards conformity, as soon as possible, of its legislation and the national procedures of quality control of the fishery products with the European regulation.</p> <p>Also a general evaluation of the other stakeholders was prepared (laboratories, companies, artisanal fishing) and to prepare recommendations for complementary supporting missions. The consultant worked in close contact with the administrations concerned, the CA in particular, the stakeholders implied in these activities, the Delegation of the EU, the services of the National Director and all the other beneficiaries of the fisheries sector. The consultant took into account the conclusions of the missions of the FVO carried out in 2000 and 2004, and of the progress report of the implementation of the recommendations of these missions.</p> <ul style="list-style-type: none"> • Legislation • Human and material resources • Formation and procedures • Plans of monitoring of the environment and monitoring of the residues • Analyses of control • Laboratories • Companies • Artisanal fishing 						<p>Lamans provided the following services:</p> <ul style="list-style-type: none"> ○ Analysis of the situation ○ Recommended activities ○ Necessary support ○ Evaluation of the necessary duration ○ budgetary evaluation of the activities recommended 		

Ref. 40	Project title	Elaboration of a Plan for the Surveillance of environmental Contaminants of the Fisheries Sector of Benin, Cameroun and Togo"						
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
Lamans s.a.	Togo, Cameroon, Benin	41.946,00 €	10%	1	Secretariat of the ACP Group of States	9th European Development Fund	11/2006 – 12/2006	Sofreco
Detailed description of project						Type of services provided		
<p>The mission assisted the Competent Authorities of Benin, Cameroon and Togo to work out a plan of monitoring of the contaminants of the aquatic environment, including a sampling design and a plan of analyses of these environmental contaminants (heavy metals, pesticides, organohalogen substances, hydrocarbons), in conformity with those described in the current regulation "Feed and Food" of the EU.</p> <p>As regards analysis, the consultant evaluated the laboratory/ies of the area to carry out the suitable analyses in reliability. The consultant proposed laboratories accredited at national or international level, by taking account the regional approach.</p> <p>The consultant developed a monitoring plan using the recommendations of the recent reports of the FVO mission as well as the other work already completed in the field by the Competent Authorities or other national or international organisations.</p>						<p>Lamans provided the following services:</p> <ul style="list-style-type: none"> ○ the monitoring plan of the environmental contaminants of the aquatic environment, including a budget for the actions recommended; ○ the list detailed by country and structure of the equipment to be acquired with their technical specifications, lists having to be used as a basis for the establishment of the document of invitation to tender; ○ a proposal for alternative structure/es, if no structure of control could be identified in the area. 		

Ref. 41	Project title	Evaluation of the needs and conditions of the Guinea Bissau Competent Authority						
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
Lamans s.a.	Guinea Bissau	39.426,03 €	10%	1	Secretariat of the ACP Group of States	9th European Development Fund	3/2007 – 4/2007	Agriconsulting Europe
Detailed description of project						Type of services provided		
<p>The mission had mainly as an aim to evaluate the situation of the sanitary state of the fishery products exported to the EU in order to make it possible for the CA to put itself in conformity with the European regulation as regards sanitary control of the fishery products as soon as possible. All the stakeholders implied in sanitary control of these products were evaluated, first the Competent Authority (legislation, organization, personnel, equipment, procedures, means of operation). The other sectors evaluated were the laboratories, the export and processing companies and, industrial and artisanal fishing.</p> <p>The consultant worked in close cooperation with the administrations concerned, in particular the CA, the stakeholders implied in these activities, the EU Delegation and all the actors of the fisheries sector, including the national and international projects, and in the long term, to define a file for presentation by the CA to DG SANCO (FVO) of a request for harmonization of the countries authorized to export towards the EU.</p>						<p>Lamans provided the following services:</p> <ul style="list-style-type: none"> ○ Evaluation of the situation of the Competent Authority ○ Conclusions et recommandations, ○ Detailed presentation of activites ○ Harmonization Dossier in annex 		

Ref. 42	Project title		Provision of Technical Assistance Services for the Implementation of a Fisheries Management Plan (IFMP) for Lake Victoria					
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
Lamans s.a.	Kenya, Tanzania, Uganda	Technical Assistance value: 4.536.434,0€ Overall Project Value: 29.900.000,0 €	3,5%	3	NAO of Uganda	EuropeAid, EDF 8	1/4/2004-31/8/2008	MRAG (lead partner), PMTC
Detailed description of project						Type of services provided		
<p>The Implementation of a Fisheries Management Plan (IFMP) for Lake Victoria (2004-2008) aims to apply the knowledge gained from the second phase of the five-year Lake Victoria Fisheries Research Project (LVFRP), an EC funded project ended in December 2002. The IFMP project for Lake Victoria is a €29,9 million project funded by the European Development Fund Eight (EDF 8) (Project No.: 8 ACP ROR 029). The project's purpose is to assist the three riparian countries – Kenya, Tanzania and Uganda - constituting the Lake Victoria Fisheries Organization (LVFO) to implement fisheries management measures in line with an approved Fisheries Management Plan and LVFO's Strategic Vision. The strategy for contributing to pro-poor economic growth through improved livelihoods within shoreline fisheries dependent communities had six inter-dependent project Result areas. The project has made several remarkable achievements, some of which relating to Beach Management Units (BMUs) are already ground-breaking and drawing the attention of international institutions. The project had six major components namely: a)Monitoring Control and Surveillance; b)Co-management and Human Resources management; c)Resource, Environmental and Socio-economic Research and Monitoring; d)Database development; and Information, Communication and Outreach; e)Harmonisation of Policies, Laws, Regulations and Action Plans; and f)Capacity Building.</p> <p>Achievements</p> <ul style="list-style-type: none"> ✓ Fisheries management institutions at all levels require an enabling policy and legislative environment within which to operate effectively. The project has supported institutional and legislative development at national level and will continue these efforts in addition to supporting national fisheries policy development and policy harmonisation across the three Partner States. The project assisted the countries to develop an innovative and financially sustainable lake wide management framework which integrates the interests of all key stakeholders, especially those men and women in the poorer sections of rural communities. A bottom-up approach to institutional development has been adopted by the project and 1.087 community Beach Management Units have been established. The principal agents of change were local government officers whose role in the longer-term is to 						<p>The services provided included work on :</p> <ul style="list-style-type: none"> (i) Technical Assistance Services for the Implementation of a Fisheries Management Plan (IFMP) for Lake Victoria. (ii) Fishery including strengthening of the institutions dealing with Fishery (Inspection services and/or Fishery administration and/or assistance in fishery management); (iii) Alignment of Fishery legislation with EU Acquis; (iv) Provision of training for Fishery Services. <p>Lamans was responsible for the following services :</p> <ul style="list-style-type: none"> ○ Provision of Procurement specialists ○ Provision of Engineering specialists ○ Provision of Naval Architect services 		

Detailed description of project	Type of services provided
<p>support and guide BMUs as partners in co-management. Independent monitoring of the whole mobilisation and awareness raising process was undertaken. A major programme was accomplished to build the capacities of stakeholders to effectively implement the Fisheries Management Plan. Particular focus has been paid to BMUs but training also extended to local and national government representatives and other stakeholders in fisheries co-management.</p> <ul style="list-style-type: none"> ✓ The provision of a wide range of different types of supplies strengthened the capability of management and research institutions to undertake their designated functions and responsibilities. This included the supply of vehicles for 6 national partner institutions and the LVFO Secretariat, four patrol boats for national or regional monitoring, two research vessel, smaller surveillance canoes and outboard engines for all riparian districts, spare parts for vehicles and vessels, office and computer equipment for the same institutions and selected District Fisheries Offices, fishing gear, field equipment and limited chemicals for research surveys and finally, communication equipment for the six offices and LVFO Secretariat. Project implementation was strengthened, where needed, by commissioning the technical advisory services of international consultants (ISTTA) and regional consultants (RSTTA). ✓ Substantial resources and efforts were directed towards improving working and living conditions of fisheries stakeholders through developing infrastructure and services at fish landing sites and within associated communities. This was achieved by improving fisheries infrastructure in at least 18 fish landing sites across three Partner States and developing social infrastructure for fisheries communities in a further 15 locations. Extensive refurbishment of the offices of the six national implementing institutions also accomplished. ✓ The project attracted assistance to fisheries communities to reduce the incidence of HIV/AIDS and water borne diseases. Major progress has been made in the development of a Lake Victoria HIV/AIDS Strategy and Action Plan and the establishment of a network of institutions working on this crucially important topic. ✓ The provision of accurate and reliable fisheries information needed for planning and management was provided by the regular fisheries surveys using Standard Operating Procedures. The collection of social and economic information was undertaken and fed into the monitoring of impacts of management measures. The project has developed a draft Fisheries Management Decision Support Tool which used various types of information to provide a harmonised and systematic means to taking management decisions. ✓ An extensive fisheries patrol programme (MCS) was implemented involving patrols mainly on water but also on land and closely involve the newly established BMUs as active participants in the programme. Activities were guided by the regional MCS Guidelines, Strategy, Action Plan and Operations Manual developed during with project support. A training component for different MCS stakeholders was included in the programme. ✓ The project worked towards building the capacity of the LVFO Secretariat as a centre of excellence for fisheries information and databases housed in a new office, with support by the project, in Jinja, Uganda. Implementation of activities relating to the production of communication materials was guided by an Information, Communication and Outreach Strategy. A LVFO Information Policy was developed to elucidate issues on ownership, access and management of information and data. 	

Ref. 43	Project title Technical Assistance team for the Regional Programme for the Sustainable Management of the Coastal Zones of the Countries of the Indian Ocean Location							
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
Lamans s.a.	Indian Ocean – Comoros, Madagascar, Mauritius, Seychelles, Kenya, Tanzania and Somalia	4.335.000€	20%	2	Europe Aid – Indian Ocean Commission	European Commission	2006 – 2011	AGRECO G.E.I.E., ULG NORTHUMBRIAN Ltd
Detailed description of project						Type of services provided		
<p>The overall objective of the project of which this contract is part of is “to enhance sustainable management and conservation of natural coastal and marine resources thereby contribution to poverty alleviation amongst the coastal population of South Western Indian Ocean”. Hence, it is important that these natural resources (fish and coral reefs in particular but not only) are able in the medium – term to provide the coastal populations with diversified and sustainable sources of income. The project will start in July 2006 and will last 5 years. For this project 6 long term experts (a regional programme coordinator, a coastal zone management expert, an administrative and financial officer, a local development and calls for proposals expert, a fisheries expert, a monitoring and information expert as well as an unallocated 48 mm of short term expertise to support the TA team will operate from Mauritius the whole region. The specific objective of the Programme is to strengthen the regional capacities of local communities and public/ private bodies in order to achieve a sustainable integrated coastal zone management. A technical team is formed by the Consultant who will support the development of a regional vision in the field of sustainable management of marine and coastal resources, promoting the regional added value when appropriate, the subsidiary between regional, national and local governance and the development and implementation of suitable regional cooperation policies and tools.</p> <p>The consortium provides the long term and short term technical assistance team for the RCU which duties are as follows:</p> <ul style="list-style-type: none"> ✓ Ensure technical, administrative and financial management of the project, in complete conformity with 'Direct Labour Operations' administrative, legal and financial rules, as laid down in the Practical Guide to contract procedures financed from the 9th EDF. 						<p>The services provided include work on :</p> <ul style="list-style-type: none"> (i) Technical Assistance related to fisheries issues for the Regional Programme for the Sustainable Management of the Coastal Zones of the Countries of the Indian Ocean Location (ii) Fishery including strengthening of the institutions dealing with Fishery (Inspection services and/or Fishery administration and/or assistance in fishery management); (iii) Alignment of Fishery legislation with EU Acquis; (iv) Provision of training for Fishery Services. <p>More specifically the services include provision of experts in the following positions:</p> <ul style="list-style-type: none"> ○ Regional Programme Coordinator ○ Coastal Zone Management expert ○ Administrative and Financial Officer 		

Detailed description of project	Type of services provided
<ul style="list-style-type: none"> ✓ Prepare annual programme estimates (formerly known as 'work programmes') to be submitted to the IOC and to the EC Delegation in Mauritius, for approval and for endorsement respectively, and follow up on the implementation of the planned activities. ✓ Prepare specifications and tender dossiers for supplies, participate in the evaluation of the bids, supervise and monitor the performance of the contracts by suppliers. ✓ Establish a transparent and efficient procedure for selection of short term expertise, and after approval and endorsement follow up on the mobilisation of these experts according to plans and needs, including preparation of terms of reference, supervision, monitoring and quality control of their performance. ✓ Prepare, establish rules and regulations and implement the programme's 'calls for proposals scheme', ensuring appropriate information, training, supervision and management. ✓ Set up a monitoring and evaluation system for the financial, administrative and technical aspects of the programme, making sure that all the programme data and outputs are kept in good order and are accessible to the relevant partners. ✓ Liaise and coordinate with national focal points, with other national and regional agencies and with complementary/relevant initiatives on programme planning, implementation and achievements, in order to promote and strengthen synergies and optimise resources. ✓ Prepare progress reports as required and ensure their distribution as appropriate. ✓ Develop and implement a suitable communication strategy for the programme, ensuring its visibility among the regional and national partners and toward the civil society. 	<ul style="list-style-type: none"> ○ Local Development and 'Call for Proposals' expert ○ Fisheries expert ○ Monitoring and Information expert ○ Short – term experts

Ref. 44	Project title	Tuna ranching in the United Arab Emirates.						
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
Lamans s.a.	United Arab Emirates	60.000 €	100	3	United Arab Emirates & Offsets Group	United Arab Emirates & Offsets Group	6/2001-9/2001	
Detailed description of project						Type of services provided		
<p>The study focused on the potential of sea ranching tunas in the United Arab Emirates, and Oman and had the following themes:</p> <ol style="list-style-type: none"> BIOLOGY: This chapter provided a detailed description of their biology, physical characteristics (length, weight) and biogeography. MARKETING: The chapter described the principal markets, the international trade for tuna canning and sashimi purposes, as well as loins (steak) form. LOCAL SPECIES AVAILABILITY AND DISTRIBUTION: The study included a site survey for the identification of the local species availability and distribution. Three species have been identified in the Arabian Gulf and three in the North-Western Indian Ocean (coast of Yemen and Oman up to the Gulf of Oman). LOCAL SITES AVAILABILITY AND CHARACTERISTICS: The study proposed basic site requirements for tuna ranching in cages and ranching in fenced-off bays (enclosures). INTERNATIONAL RANCHING EXPERIENCE, SYSTEMS AND SPECIES: The chapter analyzed the efforts to culture Tunas that were pioneered in Japan from the 70ies and the circular floating cages that are used, the feed, the Food Conversion Ratios (FCR) and the final maximum densities. APPLIED METHODS OF CAPTURING AND TRANSPORTING LIVE TUNA: The chapter described the methods that commercially tunas are fished. LOCAL STRATEGIES FOR TUNA RANCHING 						<ul style="list-style-type: none"> <input type="radio"/> Fisheries & Aquaculture Development <input type="radio"/> Project Management <input type="radio"/> Strategic Development <input type="radio"/> Consulting 		

Ref. 45	Project title							
Environmental Impact Assessment studies and Land-Planning studies for Aquaculture hatcheries, on growing units and packaging units								
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
Lamans s.a.	Greece		100				From 2000	
Detailed description of project						Type of services provided		
<p>From 2000 Lamans has elaborated 60 studies for the majority of the Aquaculture companies of Greece. The operation of hatcheries, on-growing units and packaging units in Greece require an Environmental Impact Assessment study as well as Land-Planning studies. Lamans performed more than 60 studies during the past three years. Each study included a detailed EIA as well as Land-Planning studies that where necessary either for issuing of operation licenses or for renting sea areas for the installation of sea cages and barge systems</p>						<p>Environmental Impact Assessment Land planning studies</p>		

Ref. 46	Project title	Technical Consultant for the development and implementation of an Intergraded Management System consisting of ISO 9001, ISO 22000, ISO 14001, OHSAS 18001, EMAS and CSR (Corporate Social Responsibility) in all sites of SELONDA						
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
Lamans s.a.	Greece	300.000	100	10	SELONDA SA	PRIVATE	6/2006 – 6/2009	---
Detailed description of project						Type of services provided		
<p>The services of Lamans as Technical Consultant were mainly the development and implementation of an Intergraded Management System in all sites of SELONDA SA. The Intergraded System consisted of consisting of a Quality Management System according to standard ISO 9001, Food Safety Management System according to standard ISO 22000, Environmental Management Systems ISO 14001 and European Regulation 761/2001 (EMAS II), Occupational Health and Safety Management System according to standard OHSAS 18001, and Corporate Social Responsibility.</p> <p>The first phase of the project was to update the existing Quality Management System and Food Safety System. The second phase was the development of the new system. The phase followed was the implementation of the new system and personnel training. The last phase was the certification of the Intergraded Management System by an Independent Certification Body.</p> <p>The Intergraded Management System implemented in six (6) different areas of Greece covering 2 packaging plants, 3 hatcheries, 10 fish farm units and the main offices in Athens.</p>						<ul style="list-style-type: none"> ○ Update of he existing Quality Management System ○ Development of an intergraded System consisting of ISO 9001, ISO 22000, ISO 14001, OHSAS 18001, EMAS and CSR ○ Implementation of an intergraded System consisting of ISO 9001, ISO 22000, ISO 14001, OHSAS 18001, EMAS and CSR ○ Consulting and technical support ○ Training of personnel ○ Internal Audits 		

Ref. 47	Project title	Technical Assistance in Fish Quality Control – Support to Competent Authority in Yemen						
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
Lamans s.a.	Yemen	667.250	52,75% LAMANS 20% JCP	2	EuropeAid	EU	10/2008-8/2010	AGRER. S.A. N.V.
Detailed description of project						Type of services provided		
<p><u>Project description</u></p> <p>The project is assisting the CA to develop capacity to fulfil the requirements of the EU rules for unrestricted exports of fresh fish and fish products to European Community countries establishing a reliable, functional and sustainable surveillance system at least equivalent to the jurisdiction of the EU, providing and guaranteeing a high value of the fish landed by the artisanal fleet. Furthermore the project will give advice to QA managers of the fish industry to improve their internal QA systems, including training on organisation and implementation of HACCP. This will also include activities to Train the Trainers for the improvement of hygiene measures used by fishermen on the sites. The consultants will be required to work closely with the Government of Yemen, particularly the Ministry of Fish Wealth (MFW), the project coordination Unit in Aden, the project beneficiaries, the EU Delegation in Jordan as well as other relevant persons related to the proposed intervention. The coastal zone of Yemen is to be covered. The project targets the Competent Authority including its inspectors and its department and laboratory structures. The ultimate beneficiaries will be the fishing community and the related industry in Yemen as well as international and national consumers.</p> <p><u>Overall objective</u></p> <p>The overall objective is to reduce poverty through maintaining incomes in coastal communities. This will be achieved by providing assistance to ensure that the resources on which the fisheries are based are exploited in a sustainable manner and that the products of this exploitation maintain their value through the cold chain from capture to consumer.</p> <p><u>Purpose</u></p> <p>The purpose of this contract is: To assist the Yemen CA strengthen its Fish Quality Control system and capacity by providing technical assistance and training for the concerned personnel, particularly the inspectors and laboratory personnel. To assist fish industry Quality Assurance (QA) managers improve their internal QA systems by providing technical assistance and training on the organisation and implementation of Hazard Analysis and Critical Control Points (HACCP) system and improvement of hygiene measures used by fishermen on the sites.</p>						<p>The services provided included work on :</p> <ul style="list-style-type: none"> (i) Technical Assistance related to fisheries issues for the Competent Authority in Yemen. (ii) Fishery including strengthening of the institutions dealing with Fishery (Inspection services and/or Fishery administration and/or assistance in fishery management); (iii) Alignment of Fishery legislation with EU Acquis; (iv) Provision of training for Fishery Services. <p>More specifically the services include:</p> <p><i>Subcomponent 1- Assistance and training of CA, Inspectors and Industry</i></p> <ul style="list-style-type: none"> ○ Audit and review of the FQC inspection system of Yemen including the laboratory services ○ Preparation of codes of practice and compliance guidelines ○ Design and development of a specific inspection system of auctions, landing sites, artisanal fishing vessels, ice plants and vehicles supplying raw materials for processing establishments exporting to the EU ○ Development and review of residue monitoring programme for aquaculture products (shrimps) 		

Detailed description of project	Type of services provided
<p><u>Results to be achieved</u></p> <ul style="list-style-type: none"> • <u>Expected Result 1:</u> Improvement in the organisational structure of the CA and its capacity to carry out effective surveillance of fish and fishery products and to train industry QA managers in the principles of modern QA in fish manufacturing establishments. <u>Expected Result 2:</u> Improvement in the performance and management of the laboratories and consequently the reliability of the results of tests carried out in the laboratories selected by the Ministry of Fish Wealth. • <u>Expected Result 3:</u> The two functional laboratories in Aden and Mukalla upgraded with possibility given to the establishment of a new laboratory in Hodeidah. One of the three laboratories selected to become a reference laboratory prepared for accreditation against ISO 17025 standard. 	<ul style="list-style-type: none"> ○ Technical assistance will be provided to assist with these tasks, and with the identification and selection of laboratories, along with active consideration of regional options ○ Review the inspection system in order to develop a sustainable inspection system based on cost-recovery ○ Review the inspection system in a way to introduce anti-corruption measures ○ Prepare and implement a training programme and one-week study tour for the inspectors and industry <p><i>Subcomponent 2- Laboratories</i></p> <ul style="list-style-type: none"> ○ Needs assessment of the Quality Control Laboratory situation ○ Elaborate a QCL training programme in conformity with European standards and train the QCL technical personnel in the use of the new equipment provided ○ Advice and assistance to strengthen the laboratory management system in close liaison with the laboratory managers and the CA, including defining reference laboratory and formal designation of official laboratories ○ Support and assistance for developing proficiency testing ○ Support and assist the QCL process with preparation for the accreditation against ISO 17025, develop Quality Manual and initiate process for accreditation according to ISO 17025

Ref. 48	Project title		Impact Assessment Studies related to the CFP - Phase II (FISH 2006/09- LOT 4, Specific Contract 8)					
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
LAMANS Management Services SA	EU	329.715	0.03	1	Directorate General For Maritime Affairs and Fisheries	EU	5/2010-3/2011	MRAG. Oceanic Development, IFM, POSEIDON
Detailed description of project						Type of services provided		
<p>The subject of the Project was to carry out Phase 2 of the Technical Analysis for the Impact Assessment of the CFP 2012 reform.</p> <p>The Tasks implemented under Phase II were:</p> <p>Task 1: Additional analysis to complement the STATUS QUO report. Apply of MEPHISTO & BIRDMOD models to include 3 additional multispecies Italian fleets.</p> <p>Task 2: Update data and policy analysis for the baseline.</p> <p>Task 3: Review the indicators</p> <p>Task 4: Impact Analysis: a) Gap analysis, b) Research into the likely impacts, and methods of application, of each pillar, c) IA Workshop, d) Modeling.</p> <p>Task 5: Review cohesion between Status Quo and Phase II IA</p> <p>Task 6: Report writing</p> <p>Task 7: Provide ongoing assistance</p>						<p>LAMANS SA contributed in the Task 3 of the project.</p>		

Ref. 49	Project title	Feasibility Study for Technical Assistance Programme in the Egyptian Aquaculture Sector						
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
Lamans s.a.	Egypt		100% LAMANS	2	EuropeAid	EU	12/2011-4/2012	Egypt
Detailed description of project						Type of services provided		
<p>Project description The overarching goal of the assignment will be to strengthen and increase the economic efficiency of the Egyptian aquaculture sector on marine species by improving small farmers' livelihoods, linking them to the market, improve their productive and allocative capacity, create employment and, reach a sustainable development model.</p> <p>Specific objectives The specific objectives of this assignment are to provide a study on the marine species aquaculture sector in Egypt and formulate terms of references (ToR) for a technical assistance programme aiming at: (i) strengthening aquaculture value-chains on marine species and bringing small farmers at the appropriate level of sanitary and phyto-sanitary standards, (ii) developing small farmers' marketing capacity and (iii) building contractual partnerships amongst agri-business stakeholders.</p> <p>Requested services The requested services required from the consultants will consist of three distinct reports. The formulation of the reports will take place over three, aiming at gradually identifying and focusing the scope of intervention of the</p> <p>Technical Assistance. Phase 1: To provide a global overview describing the current situation and dynamics of the Egyptian aquaculture sector focusing on marine species value-chains. This will include all elements of the respective value-chains and the different ecosystems. The evaluation will identify the main gaps and bottlenecks of the marine aquaculture sector as well as potential areas for sector development. Phase 2: To provide specific recommendations for intervention on marine species aquaculture value-chains and to propose scenarios (development path) and a set of actions with their estimated costs. This second phase will provide an analysis of the different value-chains and identify the potential for development specifically focusing on small farmers and their relations with commercial companies that drive the market, including realistic proposals to overcome constraints and investment estimations (both from public and private side). Phase 3: To provide a Terms of Reference for a Technical Assistance programme (TA) for marine aquaculture sector. The programme should be focused on achieving improvements for small and medium farmers, either directly or indirectly and, could include the development of pilot demonstration projects. The indicative budget allocated for the implementation of this programme is EUR 2.000.000.</p>						<p>The services provided included work of a Team Leader / Marine & brackish water aquaculture specialist and a Fisheries/aquaculture economist.</p>		

Ref. 50	Project title		Evaluation and impact assessment activities of the Common Fisheries Policy (CFP) for the Directorate-General for Maritime Affairs and Fisheries (LOT 2). Specific Contract (SC)1: The Evaluation of the Data Collection Framework. MARE 2011_01 Lot 2					
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
LAMANS Management Services SA	EU, Romania, Malta	300.000€	10%	2	DG MARE	European Commission	6/2012-12/2012	MRAG, TEP, Poseidon, Oceanic, & AND
Detailed description of project						Type of services provided		
<p>The purpose of this evaluation is to assess the results obtained by the DCF (Data Collection Framework) and to verify that they were consistent with the objectives set, and to thereby facilitate better informed decision making in the area of data collection and management, especially with a view to contribute to the development the new EU MAP 2014-2020 and to improve the management by Member States and stakeholders of the data collection system. The evaluation is done within the framework project for evaluations under the CFP. A key aspect is to consult with stakeholders who contribute to the collection and processing of the data under the Data Collection Framework. The proposed list of evaluation questions is as follows:</p> <p>A) Data collection process and implementation</p> <ol style="list-style-type: none"> 1. To what extent have MS been able to comply with their obligations and provide the data required of them under the DCF in a timely and comprehensive manner? (compliance) 2. Are the resources (human and financial) available at national and EU level appropriate to implement the DCF? (economy / resource issues) 3. Are the DCF procedures, processes and administrative rules conducive to enabling Member States and the Commission to fulfill their respective roles efficiently? (efficiency / procedural and administrative issues) 4. Are the data collection obligations of Member States under the DCF coherent with other data collection processes or systems? Are there overlaps that could be avoided or synergies that could be maximised? (consistency / coherence) <p>B) Data collection results (effectiveness)</p> <ol style="list-style-type: none"> 5. To what extent has the data collected under the DCF been used by the main intended end-users? (data use for the purpose of advice on CFP) 6. To what extent and for what purposes has the data collected under the DCF been used by other relevant actors, including the research community and national institutions? (data use for other purposes / spill-over effects) 7. Are the kinds of data collected under the DCF in line with the needs and expectations of (potential) users? (relevance) 8. Are (potential) users aware of and able to access the DCF data? (data availability) 9. Is the quantity and quality of the data collected under the DCF sufficient to provide sound scientific advice for fisheries policy-making (data quality) 						<p>The services provided included the implementation of two case studies in Romania and Malta. Questionnaires and interviews targeted a broadly representative cross-section of the respective stakeholder groups for specific information while the case studies deliberately focused on a few countries or organisations in order to investigate specific issues in an in-depth way and the interactions between them. In general, the case studies provided a more holistic view of data production, the links with users and the feedback process. The case studies entailed visits to countries or organisations during which a series of face-to-face meetings / interviews with key informants were held. In addition, case studies also entailed an in-depth review of relevant secondary data sources from the selected countries or organisations (e.g.</p>		

Ref. 50	Project title	Evaluation and impact assessment activities of the Common Fisheries Policy (CFP) for the Directorate-General for Maritime Affairs and Fisheries (LOT 2). Specific Contract (SC)1: The Evaluation of the Data Collection Framework. MARE 2011_01 Lot 2	
<p>C) Ancillary measures (articles 10 and 11)</p> <p>10. To what extent have studies and pilot projects financed under article 10 of the DCF Regulation contributed to improving the quality of scientific advice for fisheries policy making? (effectiveness – art. 10)</p> <p>11. To what extent have the measures established under article 11 of the DCF Regulation (with ICES, STECF and the JRC) contributed to improving the quality of scientific advice for fisheries policy making? (effectiveness – art. 11)</p> <p>The case studies will entail visits to countries or organisations during which a series of face-to-face meetings / interviews with key informants will be held. In addition, case studies also entail an in-depth review of relevant secondary data sources from the selected countries or organisations (e.g. narrative reports or statistics) in a level of detail that goes beyond the general desk research programme. A total of six case studies will be implemented, to be split between DCF producers and users.</p>		<p>narrative reports or statistics) in a level of detail that goes beyond the general desk research programme.</p>	

13. LIST OF STUDIES IMPLEMENTED BY LAMANS MANAGEMENT SERVICES S.A. IN THE AREA OF AQUACULTURE WITH PRIVATE COMPANIES 2002-2010

LIST OF STUDIES IN THE AREA OF AQUACULTURE

S/N	DESCRIPTION	YEAR	CLIENT
1.	Feasibility study for a marine fish on-growing unit (seabream & seabass) in “Dobra Luca” Montenegro	2010	ADRIA Group DOO
2.	Setting up a hatchery and an on-growing unit for seabream in the United Arab Emirates.	2010	Mubarak Fisheries, United Arab Emirates
3.	Proposal for Development of Environmentally Friendly Marine Fish Aquaculture in South West Sinai, Egypt. A) Marine cages B) Fish Hatchery	2009	NAMAA for Fish Resources Development Co
4.	Technical study for renting public property for establishment of a fish hatchery in Akrotiri Yelada Paliampelon, Anaktorion Municipality SE Aitoloakarnania.	2009	AMVRAKIKOS LTD
5.	Prefeasibility Environmental Impact Assessment study and technical study for licensing for the expansion of a fish on-growing farm (at a distance of 100 m from the existing unit and in a surface of 10.000m ²) at the location Trikeri island, SE Athens-Piraeus.	2009	INTERFISH AQUACULTURE SA.
6.	Technical study for renewal of the Environmental license for an on-growing unit of seabass and seabream at the location Afanitsets of Argolida Prefecture.	2009	SELONDA FISHFARM SA
7.	Technical study for issuing a license of water utilization and a license of establishment and operation of an on-growing unit of marine fish in the position of Patroclus island in eastern Attica, Greece.	2009	AGRICULTURAL FISHING COOPERATIVE OF COASTAL FISHERMEN OF P.FALIRON-ALIMOS ATTICA
8.	Study and installation of HACCP System for the packing plant	2008	DEEP AQUACULTURE COMPANY
9.	Study and installation of HACCP System for the packing plant	2008	MERANTZIS LTD FISH FARMING COMPANY
10.	Technical support and services for the installation and development of the System BRC for the hatchery station of the company	2008	KEFALONIA SA
11.	Installation of Hazard Analysis and Critical Control Points (HACCP) System in the hatchery station of the company	2008	GRAMMOS SA

LIST OF STUDIES IN THE AREA OF AQUACULTURE

S/N	DESCRIPTION	YEAR	CLIENT
12.	Modernization and installation of Hazard Analysis and Critical Control Points (HACCP) System in the Potami aera, Municipality of Desfina, Region of Fokida	2008	FISH FARMING ANTIKIRA LTD
13.	Provision of services and technical support with - Installation of a Management System (ISO 9001) - Management System of Foods Security (ISO 22000) - Environmental System of Administration (ISO 14001) - Security and Sanitation System for the labour (ISO 18001) - Training of the staff involved in the implementation of the systems in the company	2008	FISH FILLET HELLAS
14.	Permission for the installation of a unit for on-growing marine fishes in the positions Libadi - Rock Argostoli Municipality, Kefalinia - Ithaki	2008	HATCHERY STATIONS OF KEFALONIA SA
15.	Construction of a technical issue for the transformation of a unit of cultivating fishes and particularly of the permission to the breeds in the Orlia Bay, Sagiada Municipality Thesprotia	2008	ORLIAS FISH FARMING SA
16.	Construction of a technical issue for the transformation of a unit of cultivating fishes and particularly of the permission to the breeds in the position Glossa, Gialtron, Edipsos Municipality, S. Evoia	2008	OKEANIS-COMMERCIAL INDUSTRIAL AND STUDY ANONYMOUS COMPANY OF FISHCULTURE
17.	Composition of technical issues for the processing of four units for cultivating fishes in the areas a) Skopoula, Bay Amvrakikos, S. Preveza position (10 sq.m.), b) Vourlias Viotias Bay, S. Viotia (20 sq.m.), c) Petros S. Korinthia Rock (Position 1) (25 sq.m.) d) Petros Rock, S. Korinthia (Position 2) (25 sq.m.)	2008	HELLENIC FISH FARMING
18.	Renewal of the environmental terms of the packing function for fishes and of the installation for the support of a unit which will support the cultivating of fishes, such as the expansion and the modernization of the buildings in the Palaiologgos position, Alizia Municipality, SE Aitoloakarnania	2008	ASTERIAS SA
19.	Installation of Hazard Analysis and Critical Control Points (HACCP) System in the hatchery station in the company	2007	ECHINADES SA
20.	Study and installation of HACCP System for the packing plant	2007	A. BOURSINOS & SIA SA

LIST OF STUDIES IN THE AREA OF AQUACULTURE

S/N	DESCRIPTION	YEAR	CLIENT
21.	Permission of the installation in the position Bay Selonda, W.W. Sofikou, Loligia Municipality, Korinthia Prefecture, which includes (a) the renewal of the environmental terms of an existant packing of fresh fishes to a lease - hold terrestrial area and (b) renewal of the environmental terms of an existant station and of other installations of support, establishing of a station of breeding fishes and others installations of support to private areas with parallel increase of dynamic of the station which promotes the breeding of fishes	2007	HATCHERY STATIONS OF SELONDA SA
22.	Awarding of vacations for foundation of unit of fattening of marine fishes in the place Meloyna, D. Messapion, N. Evia, in the place that it possessed with name ICHTHYOTROFIKI LTD MELOYNA	2007	PERSONAL ENTERPRISE I. GKLABAS
23.	a) Modernisation (renewal - modification of authorisations) wrapping centre of fresh fishes, b) Installation of system of Hygiene and Safety of Foods (HACCP) Wrapping centre in the place Rivers, Municipality [Desfinas], Prefecture Fokida	2007	FISH FARMING OF ANTIKYRA LTD
24.	Syntax of study of environmental repercussions on the renewal of empty use of water that emanates from existing, functioning drilling which serves the needs of operation of wrapping centre of fresh fishes, in the place Kokkinia, Municipality of Resource, Island of Resource, Prefecture Attica	2007	HATCERY CENTRE OF POROS SA
25.	Development of technical report on the renewal of environmental terms and the modernisation of functioning unit of fattening in the place Small or Wide Lygia, Island Ithaca, N.A. Cephalonia of – Ithaca	2007	HATCHERY STATIONS OF ITHACA SA
26.	Development of report on recomposition of internal spaces of wrapping centre of fresh fishes, Municipality Mitilini, Prefecture Lesvos	2007	AQUA CULTURE OF LESVOS SA
27.	Development of file of investment drawing in the frames of [EPAL] 2000-2006, REGULATION of (OJ) 2792/99, on the foundation of wrapping centre of fresh fishes in the Tank of New Seleykias-Thesprotias	2007	A. BOURSINOS & SIA OE
28.	Technical report on the modification of decision of approval of environmental terms aiming at the modernisation of unit of fattening of marine fishes in the place Saint Ekaterini, Municipality Marmarioy, Prefecture Evia	2007	BLUE FARM SA
29.	Development of study of environmental repercussions on the renewal of environmental terms of functioning unit of fattening and her modernisation in the place of Western Bight, Island Acute, Cephalonia of – Ithaca	2007	SAO SA
30.	Authorization for the establishment of two of Mylokopi fish farms, in the Island Oxeia of Echinades Islands, S.E. of Kefalonia - Ithaki and for a Mylokopi (<i>Umbrina cirrosa</i>) fish farm unit in Skrofa Bay (West of Koutsoularis Mountain) Aitolokarnania Prefecture	2007	SAO SA

LIST OF STUDIES IN THE AREA OF AQUACULTURE

S/N	DESCRIPTION	YEAR	CLIENT
31.	Formation of technical report file for unit upgrade and issue of new environmental conditions of existing fattening fish farm in Tourkolimnionas of Agahtonisi Island, Dodecanese Prefecture	2007	HELLENIC FISH S.A
32.	Formation of technical file report, for renewal - upgrade of environmental conditions of existing fattening fish farm in Neronisi of Agahtonisi Island, Dodecanese Prefecture	2007	HELLENIC FISH S.A
33.	Upgrade of fattening unit of sea bream - sea bass, establishment of fattening unit for new fish species and establishment of support land plants in Fouski, Prefectural Administration of Arcadia that is integrated to the orders of R. (EU) 2792 / 99	2007	SELONDA AQUACULTURE S.A
34.	Autorization for relaying of marine fish fattening unit from Trahili of Prefecture of Epidavros to a place near the existing unit (relaying of 50 m. approximately), Argolida Prefecture and change of trade name from Selana S.A. Fish Farms	2007	SELONDA AQUACULTURE S.A
35.	Issue of authorization for the existing fish farm unit with Kephalos, in ponds, in private land at the limits of Lehaina Municipality, Ileia Prefecture	2007	BREZAS NIKOLAOS
36.	Environmental authorization for the establishment of a shellfish-farming in the marine region of Agiasma Bay, Municipality of Keramoti, Kavala Prefecture	2007	DARADTSIS KYRIAKOS
37.	Authorization of establishment of fresh fish packing unit, in Laka Hatzifousa, Nato Avenue, Aspropyrgos of Attiki	2007	PORFIRA LTD
38.	Establishment of fish food and fodder unit only from subproducts of fish processing in the framework of R. 1257/99	2007	FISH FILLET HELLAS SA
39.	Formation of Environmental Impact study for the upgrade and renewal of Environmental Conditions of floatting fattening marine fish unit in Kamilafka, Municipality of Astakos, Aitolokarnania Prefecture	2007	FISH FARMING V.& L.MERANJIS LTD
40.	a) Support of demand for re-leasing of marine area of fish farming unit b) Renewal of Environmental Conditions of operation of land support plants (packing plant - stocking room etc) in Lagada - Ladoulia, Municipality of Faraklata and revision of Operation Environmental Conditions and upgrade of floatting plants of marine fish unit in Kourouklata of Argostoli Bay, Kephallonia Prefecture	2007	HATCHERY STATIONS OF SAMIS
41.	Technical repport for the upgrade of floatting fattening unit in marine region of Agios Ioannis Diapori Islands, Saronikos	2007	ICHTHYOPARAGOGIKI LTD

LIST OF STUDIES IN THE AREA OF AQUACULTURE

S/N	DESCRIPTION	YEAR	CLIENT
42.	Development of file of investment drawing “Foundation of unit of packing of fresh fishes and treatment of - standardisation” in the frames of Regulation (EU) 2792/99 in the place Shield N. Argolida	2007	FISH FILLET HELLAS SA
43.	Legalization of existing works on the sea shore and foreshore of fishfarm unit in Mytikas of Alyzia, S.E. Aitolokarnania	2007	MYTIKAS SA
44.	Full authorization for establishment of unit for experimental farming of aquatic organisms in the maritime region of Petala in Echinades Islands of South East Kefalonia	2007	HATCHERY STATIONS LTD
45.	Licences for the foundation of shellfish farming unit in marine region (North and East) of Lascara cape, on Amvrakikos bay, at Preveza Prefecture.	2006	Galaxidi Fish Farm sa
46.	a) Implementation of technical study for the veterinary service, b) Implementation of economical study and investment file for the foundation of unit of standardization of fish catches at Argolida Prefecture.	2006	Porfira Ltd
47.	Implementation of economical – technical study and full investment file for expansion and modernization of functioning unit of fish farming in navigable cages at “Limi” bight of Korfos, of Saronikos bay, Korinthos Prefecture.	2006	Ixthiotrofia korfou sa
48.	Implementation of economical – technical study and full investment file for modernization of unit of fish farming at “Laskara” on Amvrakikos bay, Preveza Prefecture.	2006	Ixthioparagogiki Laskara s.a.
49.	Renewal of environmental terms of functioning unit of fish farming and modernization at Marmari of Stratoniki Municipality, Chalkidiki Prefecture.	2006	Gagavouzis Laskara s.a.
50.	Licences for renewal of environmental terms of the hatchery at Managouli, Fokida Prefecture.	2006	Selonda Aquaculture
51.	Full license for relocation of navigable fish farming unit at Katelanos place of Agios Andreas.	2005	Deep sa aquaculture
52.	Licences for renewal of environmental terms of the hatchery at Palaioloutros, Lesvos Prefecture.	2006	Lesvos Fish Farm s.a.
53.	Technical study for modification of approval decision of environmental terms of unit of fish farming at Leros island, Dodekanisa Prefecture.	2006	Markellos Marine Farm s.a.
54.	Full license for relocation of a fish farming unit at Alyzia Municipality, Etoloakarnania Prefecture.	2006	Asterias s.a.

LIST OF STUDIES IN THE AREA OF AQUACULTURE

S/N	DESCRIPTION	YEAR	CLIENT
55.	Implementation of financial – technical study for the modernization of a hatchery unit at Konaki Sketzou Archontochoriou in Alyzia Municipality, Etoloakarnania Prefecture.	2006	Plagton s.a.
56.	Implementation of study and investment file for the foundation of a fresh fish packaging unit .	2006	Leontitsis s.a.
57.	Full license for the foundation of fresh fish packaging unit at Voidolibado place, Agios Thomas, Preveza Prefecture.	2006	Mavri Fish Farm s.a.
58.	Implementation of economical – technical study and full investment file for modernization of unit of fish farming at Gefyri Kakia Skala, Agios Ioannis, Evoia Prefecture.	2006	Viking Fish Farm
59.	Implementation of financial/technical study and full investment file of sea fish farming unit's modernization at Voiotia Prefecture	2005	Sparfis s.a.
60.	Implementation of study and investment file for modernization of fish packaging unit at Kenia of Taktikoupoli Troizinia, Attiki Prefecture.	2005	Poros centre Fish Farm Ltd
61.	Implementation of financial / technical study and full investment file of sea fish farming unit's (on sailable fish cages) modernization at Valtos Bay Igoumenitsa, Thesprotia Prefecture	2005	D. Boursinos
62.	Implementation of study for the initiation of fresh fish packaging unit at Selefkia, Thesprotia Prefecture	2005	A. Boursinos sa
63.	Implementation of environmental effects study of the enlargement and modernization of sea fish farming unit at Korinthia Prefecture.	2005	Korfos Fish Farm s.a.
64.	Implementation of technical study for sea fish farming unit at location Laskara Ambrakikos Bay Preveza Prefecture.	2005	Laskara sa
65.	Full set of licences for fish farming relocation at Nenouda Foreland Thesprotia Prefecture	2005	Hellenic Fishfarming sa
66.	Implementation of financial – technical study and full investment file for modernization of unit of fish farming (sea bass – sea bream) at Mandraki, Community of Prasino, Evoia Prefecture.	2005	Lion s.a.
67.	Full set on licences for the initiation of fish farming units at two locations (East and West) of Oxia Echinades island of Kefallonia - Ithaki Prefecture.	2005	Sao s.a.

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S/N	DESCRIPTION	YEAR	CLIENT
68.	Implementation of financial – technical study for modernization of unit of fish farming at Ladikos, Municipality of Sourpi, Magnisia Prefecture.	2005	Pagazitikos Fish Farm sa
69.	Implementation of financial – technical study for modernization/expansion of unit of processing/standardization of fish at Kavala.	2005	P. Trifonidis sa
70.	Publication of licences for works for the seashore and the beach rental at Desfina, Fokida	2005	Galaxidi Sea Farms s.a.
71.	Legalization of subordinate works at seashore and beach at Bitsi, Municipality of Poros, Attiki Prefecture.	2005	Poros centre Fish Farm Ltd
72.	Concession/hire of land public extents for supporting aquaculture infrastructure.	2005	G. & P. Bitsakos sa
73.	Preparation of file of inquiring proposal of program of Growth of Industrial Research and Technology ([PABET]-2005) “Study of Growth of dietary requirements of <i>Argyrosomus regius</i> in intensive culture conditions. Co-ordination of implementation of work and follow-up of financial issues of the proposal.	2005	Interfish s.a.
74.	Prefeasibility study for the creation of a cage farm unit for bluefin tuna mariculture; capacity of 1.000tn annually	2005	Interfish s.a.
75.	Legalization of existing works at seashore and beach	2005	Blue farm fish farm of Marmari s.a.
76.	a) Legalization of existing works at seashore and beach, b) license for the foundation of fresh fish packaging unit at Tsepi of Marmari, Evoia Prefecture.	2005	Petalioi ltd
77.	Renewal of environmental terms of functioning of navigable unit of fish farming and modernization at Mavrobolos, Municipality of Alyzia, Etoloakarnania Prefecture.	2005	Mytikas s.a.
78.	Technical study for the modification of approval decision of environmental terms of shellfish farming unit at Lesvos Prefecture.	2005	Lesvos fish farm s.a.
79.	Implementation of an environmental terms study of unit of fish farming at Voiotia Prefecture.	2005	Hellenic Fishfarming sa
80.	Full set of licenses for increase of capability of hatchery unit at Paleoloutros, at Gera bay, Lesbos Prefecture.	2005	Lesvos fish farm s.a.
81.	Implementation of study and investment file for the foundation of fresh fish packaging unit at Fthiotida Prefecture.	2005	Dias Fish Farm s.a.

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S/N	DESCRIPTION	YEAR	CLIENT
82.	Technical environmental study for the construction of a pumping-station at Heronisi, Community of Gialtron, Evoia Prefecture.	2005	Nikofarm s.a.
83.	Benefit of Services for payments of economic aids of investment drawing in the frames of Regulation 1257/99 for the unit of fattening of fishes in Evia Prefecture.	2005	Petalioi ltd
84.	Implementation of study and investment file for the modernization of fish packaging unit at Kaminia, Taktikoupoli Troizinia, Attiki Prefecture.	2005	Poros fish farm ltd
85.	Set of licenses of works at seashore and beach (jetty)	2005	Antikira Fish Farm ltd
86.	Full set of licenses for the relocation of fish farming unit at Kotsifos, Evoia Prefecture.	2005	Hellenic Fishfarming sa
87.	Implementation of study and investment file for the modernization of fresh fish packaging unit at Argolida Prefecture.	2005	Koronis Fish Farm s.a.
88.	Implementation of study and investment file for the modernization/expansion of fresh fish packaging unit at Fokida Prefecture.	2005	Galaxidi Sea Farm s.a.
89.	Renewal of environmental terms of functioning of navigable unit of fish farming and modernization at Gaidouronisi, Fthiotida Prefecture.	2005	I. Glavas
90.	Full licenses for the foundation of fish farming unit of jewfish (<i>Umbrina cirossa</i>) at the marine region of Oxia island, Echinades, Kefalonia Prefecture.	2005	Sao s.a.
91.	Full licenses for the foundation of fish farming unit the marine region of Marmari, Stratiniki, Chalkidiki Prefecture.	2005	Anthoula & Dimitra Gagavouzi
92.	Completion of licenses for the foundation of fish farming unit (jewfish) at Oxia island, Echinades, Kefalonia – Ithaki Prefecture.	2005	Tasty Fish Aquaculture Western Greece Ltd
93.	Complete permission for foundation of unit of fish fattening of bluefin tuna in the marine region of south - eastern Messinia	2005	George Molyviatis
94.	Technical Report on modification of approval of environmental terms of unit of fish fattening in the place bight Orlia, Municipality of Sagiada, in the marine region of south - eastern Thesprotia	2005	E. Foukis

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S/N	DESCRIPTION	YEAR	CLIENT
95.	Complete permission on foundation of two units of fish fattening of corb in the marine regions of south - eastern Thesprotia and Fthiotida	2005	Hellenic Fishfarming sa
96.	Benefit of services for additional elements – plans for the completion of payment of investment plan of unit of fish fattening	2005	Leopoulos Ixthiokalliergies s.a.
97.	Technical studies for the modification of decisions of environmental terms and veterinary of the shell consignment centre – Study for the modification of environmental terms of mussels unit.	2005	N. Kastanis s.a.
98.	Renewal of environmental terms and modernization of navigable unit of fish fattening in the place bight Meston at south - eastern Chios	2005	Diapori Aquacultures s.a.
99.	Renewal of environmental terms of function of navigable unit of fish fattening in the marine region of Pounda, Anemokampi, at south - eastern Fokida.	2005	Galaxidi Sea Farms s.a.
100.	Development of economical and technical study on modernization of unit of fish fattening of sea bream and sea bass in the bight Igoumenitsa in the marine region of south - eastern Thesprotia – Follow-up of payments of economic aids of investment plan.	2005	Georgiou s.a.
101.	Environmental Impact Assessment study for the expansion of a hatchery unit at Lagonisi, south – eastern at Fthiotida	2005	Interfish s.a.
102.	Development of economical and technical study and complete file of investment on the modernization of unit of shell mariculture in the marine region of Vourkari, Agia Triada, Megara, south - eastern of west Attica.	2005	Nikolaos Kastanis Ltd
103.	Implementation of economical – technical study for the modernization of fish farming unit at Potamoi, Municipality of Desfina, Fokida Prefecture.	2005	Antikira Fish Farm Ltd
104.	Issuance of permission on foundation of unit of shell mariculture in Nea Peramo, south - eastern of west Attica.	2005	Vassilios Pantis
105.	Licensing (Technical report and Environmental Impact Assessment study) for relocation of fish culture in floating cages	2004	Ichthyoevoiki Ltd
106.	Licensing (Technical report and Environmental Impact Assessment study) for relocation of fish culture in floating cages	2004	Petalioi Ltd

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S/N	DESCRIPTION	YEAR	CLIENT
107.	Modification of the Decision for Environmental Impact Assessment for the foundation and function of a floating cage fish culture	2004	Selonda Aquaculture s.a.
108.	Licensing (Technical report and Environmental Impact Assessment study) for relocation of fish culture in floating cages	2004	Petalioi Ltd (former Ichthyoexagogiki)
109.	Feasibility study and complete investment envelope for modernization of the hatchery in Managouli in Fokida	2004	Selonda Aquaculture s.a.
110.	Feasibility study and complete investment envelope for modernization of the cage farm in Ortholithi location (Arkadia)	2004	Selonda Aquaculture s.a.
111.	Environmental Impact Assessment study for a cage farm in Ortholithi location (Arkadia)	2004	Selonda Aquaculture s.a.
112.	Consulting services for the investment opportunities of the Operational program Fisheries and Operational Program of the Ministry of Development	2003	Triena Aquaculture
113.	Craft – Preservation of Copepod Eggs for fish farming (POCEFF)	2003	Plagton s.a.
114.	Craft – Application of environmental – friendly agents with antimicrobial properties in aquaculture	2003	Plagton s.a.
115.	Craft – The use of Revolving Multifunction Bacterial Communities for bacterial management in marine larval fish	2003	Plagton s.a.
116.	Support in the Craft project “Preservation of Copepod Eggs for Fish Farming” (POCEFF)	2003	Per mare Research s.a.
117.	Feasibility study and complete investment envelope for modernization of the cage farm in Kalamaki (Arkadia)	2003	Selonda Aquaculture s.a.
118.	Feasibility study and complete investment envelope according to the EC Regulation 2792/99 for modernization of a fish packaging unit in Sofiko area (Korinthia)	2003	Selonda Aquaculture s.a.
119.	Feasibility study and complete investment envelope for according to the EC Regulation 2792/99 for the measure 4.4 of the Operational Program Fisheries for the purchase of a vessel and floating barriers for protection.	2003	Mussel Producer organization “Ostria”
120.	Participation in the investment envelope for a fish processing unit Chatzisotiriou Fisheries SA	2003	Tekmor of Northern Greece SA

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S/N	DESCRIPTION	YEAR	CLIENT
121.	Feasibility study and complete investment envelope for modernization of a cage farm and an aquaculture packaging unit in Fokida	2003	Galaxidi fish farm SA
122.	Environmental Impact Assessment study for a finfish hatchery and on growing cage farm unit	2003	Galaxidi fish farm SA
123.	Environmental Impact Assessment Study (licensing) for cultivation of trout and hatchery station in Chichla location (Kanalakion)	2003	Hohla fishfarm – Koronis
124.	Feasibility study and complete investment envelope according to the EC regulation 2792/99 for the modernization of a fish packaging unit in Cephalonia	2003	Cephalonian Fisheries SA
125.	Environmental Impact Assessment Study of a mussel culture in Kavala	2003	N. Kalalas & Co
126.	Environmental Impact Assessment Study of a cage farm northeast of Ovrios island (Korinthia)	2003	Iparkoperdika fishculture Ltd
127.	Environmental Impact Assessment Study of a cage farm in Agios Stephanos in Evia.	2003	Red Anchor s.a.
128.	Environmental Impact Assessment Study for modernization and expansion of a cage farm unit in Evia	2003	Karpasia Fish Farm
129.	Feasibility study and complete investment envelope for modernization of a cage farm in Fouski (Arkadia)	2003	Selonda Aquaculture
130.	Feasibility study and complete investment envelope for modernization of a cage farm in Cephalonia	2003	Cephalonian Fisheries SA
131.	Feasibility study and complete investment envelope for modernization of a cage farm for new fish species in Evia	2003	Lafia s.a.
132.	Feasibility study and complete investment envelope according to the EC Regulation 2792/99 for a relocation of a fish packaging unit in Gialtra (Aidipsos, Evia)	2003	Nikofarm s.a.
133.	Issuing of new licenses for a hatchery, on-growing unit with a closed circuit, packaging unit and land based support facilities in Sagiada (Thesprotia)	2003	Selonda Aquaculture s.a.
134.	Consulting services for financial aid in the framework of the EC Regulation 2792/99 for the modernization of a marine cage farm in Aitoloakarnania	2003	Myticas SA
135.	Consulting services for financial aid for an investment plan in the framework of the EC regulation 2792/99 for the modernization of a of seabass and seabream in Preveza	2003	Vas. Leoditsis s.a.

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S/N	DESCRIPTION	YEAR	CLIENT
136.	Issuing of licenses for increased capacity of a marine finfish hatchery in Konaki Skentzou Alezia (Aitoloakarnania)	2003	Plagton s.a.
137.	Feasibility study and complete investment envelope for modernization of a marine cage farm for new species in Preveza	2003	Idrokosmos Fishculture Ltd
138.	Feasibility study and complete investment envelope for modernization of a marine cage farm in Messinia	2003	Sapienza s.a. Fish production enterprises
139.	Environmental Impact Assessment Study of a marine cage farm unit in Poros island	2003	Fish culture center of Poros Ltd
140.	Issuing of licenses for increased capacity of a finfish hatchery in Lagonisi Larymnas (Fthiotida)	2003	Interfish s.a.
141.	Feasibility study and complete investment envelope for a fresh water fish farm and a hatchery in Hohla area in Preveza	2003	Hohla fishfarm – Koronis
142.	Feasibility study and Environmental Impact Assessment study for a marine cage farm unit in Kalamos island in Leukada.	2003	Seafarm Kalamos s.a.
143.	Issuing of licenses for increasing the production capacity of a hatchery station in Astakos (Aitoloakarnania)	2003	Seafarm Ionian s.a.
144.	Issuing if licenses for expansion and relocation of a marine cage farm unit in Cephalonia	2003	Cephalonian Fisheries SA
145.	Issuing of licences for marine cage farms in Vourlia and Tragopidima Argolidas	2003	Selonda Aquaculture s.a.
146.	Issuing of license for relocation of a marine cage farm in Evia	2003	Hellenic Fish Farm SA
147.	Feasibility study and complete investment envelope for modernization of a marine cage farm for new species in Preveza	2003	Fish farm of Saint Thomas Preveza Sa
148.	Issuing of license for expansion of a marine cage farm for new species in Cyclades.	2003	Kavodoro Fish Farm
149.	Consulting services for α) investment envelope and β) financial aid according to the EC regulation 2792/99 for a marine cage fish farm in Dodecanese.	2003	Chantzilias Ilias SA

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S/N	DESCRIPTION	YEAR	CLIENT
150.	Consulting services for financial aid according to the EC regulation 2792/99 for modernization of a packaging unit in Argolida.	2003	Koronis Aquaculture SA
151.	Feasibility study and complete investment envelope for the reengineering of the company and mainly the software system	2003	Galaxidi Fish Farm s.a.
152.	Issuing of licenses of a fish packaging unit and supporting land facilities in Andros island	2003	Kavodoro Fish Farm
153.	Investment plan according to EC Regulation 2792/99 for foundation of a cage farm unit in Oxia island.	2003	Kourkoumelis s.a.
154.	Consulting services for financial aid of an investment plan in the framework of the EC regulation 2792/99 for a marine cage farm in Oxia	2003	Ino sa
155.	Environmental Impact Assessment Study for the relocation of a fish packaging unit in hersonisi Gialtron in Evia.	2003	Nikofarm Ltd
156.	Environmental Impact Assessment Study for a cage farm in Fokida	2003	Saint Irene Fish Farm ltd
157.	Feasibility study for modernization of a vessel	2003	Aliieftiki Daskalopetras N.E. Kostas Isid & Con.
158.	Elaboration of the revision of the complete investment envelope for the up-scaling of a fish catch packaging, maintenance and trade unit in S.E Attiki	2003	Ch. & Ang. Kiriazis – Porto Heli Ltd
159.	Elaboration of the revision of the pre-feasibility study and complete investment envelope for the foundation of a shell-fish cultivation unit in S.E Kavala	2003	Ath. Afentoulis – Har Afentoulis
160.	Rendering of services for the amendment of the investment envelope and the financial aid documentation of the investment plan within the context of regulation 2792/99 for the foundation of an on-growing unit in Ag.Thomas, S.E Preveza	2003	Leopoulos Fishfarming SA
161.	Elaboration of a pre-feasibility study and complete investment envelope for the up-scaling of the seabream-seabass unit at Ag. Nikolaos, Kranidi, S.E Argolida	2003	Koronis Aquacultures s.a.
162.	Elaboration of a Study on the Environmental Impacts, for the amendment of the Approval Decision for EIA for the seabream-seabass on-growing unit	2003	M.Fragkedis - G.Grammatikos

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S/N	DESCRIPTION	YEAR	CLIENT
163.	Elaboration of a supplementary/ amended pre-feasibility study for the up-scaling/ expansion of the fish catch processing and packaging unit in Kavala	2003	P.Triphonidis s.a.
164.	License issuing for the relocation of a presently operating fish on-growing unit of the ANEMOESSA-SELONDA company, from S.E Evia to a rented location at Sayada, S.E Thesprotia, with the simultaneous transference of this to an adjoining location	2003	Selonda Aquaculture s.a.
165.	Designation of Organized Development areas for Marine Aquaculture at Thesprotia	2003	Icap s.a.
166.	Feasibility studies and planning for issuing licenses fro the relocation of the marine cage farm of Melouna	2002	I. Glavas
167.	Designation of Organized Development areas for Marine Aquaculture at Echinades islands	2002	Eurofarm-Ipiros Aquaculture s.a.
168.	Designation of Organized Development areas for Marine Aquaculture at south Evoikos gulf	2002	Papatheodorou Phedon
169.	Up-scaling of a fish on-growing unit at the isle of Drakoneri, S. Echinades islands, S.E Cephalonia	2002	Nireus Aquacultures Chios s.a.
170.	License issuing for the foundation of a hatchery at Cephalonia	2002	Samis Fishfarm Ltd
171.	Rendering of services for the financial aid of the investment plan within the context of regulation 2792/99 for the up-scaling/ expansion of the fish on-growing unit in S.E Preveza	2002	Laskara fishproduction SA
172.	Pre-feasibility study and complete investment envelope according to the demands of the E.C. regulation 2792/99 for the foundation of a mussel cultivation unit in S.E Kavala	2002	Paraschakis Miltiadis
173.	Pre-feasibility study and complete investment envelope according to the demands of E.C. regulation 2792/99 for the up-scaling of the fish on-growing unit in Oxia, S.E Cephalonia	2002	Tasty Fish ltd
174.	License issuing for the foundation of three shellfish cultivation units at Amvrakikos gulf, S.E Preveza	2002	Galaxidi Fish Farm s.a.
175.	Elaboration of a pre-feasibility study and complete investment envelope for the foundation of an eel cultivation unit in Valtos-FlambouraW. Nea Sinopi, Municipality of Zalongo, S.E Preveza	2002	Eurofarm-Ipiros Aquaculture s.a.

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S/N	DESCRIPTION	YEAR	CLIENT
176.	Rendering of services for the financial aid of the investment plan within the context of regulation 2792/99 for the foundation of a mussel cultivation unit in S.E Kavala	2002	Ath. Afentoulis – Ch. Afentoulis
177.	License issuing for the relocation of an on-growing unit at Magazakia, S. Sapientza, S.E Messinia	2002	Sapentza s.a. Fishfarming Enterprises
178.	Rendering of services for the financial aid of the investment plan within the context of regulation 2792/99 for the up-scaling of the existing processing and packaging unit of fresh and frozen fish catches in S.E Corfu	2002	Montsenigos Sons SA.
179.	Pre-feasibility study and complete investment envelope according to the demands of the E.C regulation 2792/99 for the foundation of a mussel cultivation unit in S.E Kavala	2002	Daraktis Kiriakos
180.	Rendering of services for the financial aid of the investment plan within the context of regulation 2792/99, for the up-scaling of two floating fish on-growing units in S.E Fokida	2002	Galaxidi Fish Farm s.a.
181.	Rendering of services for the financial aid of the investment plan within the framework of regulation 2792/99, for the completion of the relocation and production of meat products in S.E Corfu	2002	Montsenigos Sons SA.
182.	Environmental Impact Study for the fish on-growing unit at Ambelakia Bay, Igoumenitsa, S.E Thesprotia	2002	Nikolaou Fishfarms s.a.
183.	License issuing for the relocation of the unit, from Louloudi Petalion to Ag. Irini, Municipality of Marmari, Evia	2002	Ichtyoevoiki ltd
184.	New (amended) approval decision for EIA of the fish on-growing unit at the isle of Karolonissi Echinadon, S.E Cephalonia, for the culture of blue fin tuna	2002	Nireus Chios Aquaculture SA
185.	Elaboration of a pre-feasibility study and complete investment envelope for the up-scaling/ expansion of the fish catches' processing and packaging unit in Kavala	2002	P. Trifonidis s.a.
186.	Approval Decision for EIA and foundation license for the Papas lagoon, Araxos, S.E Achaia	2002	Agriculture Federation of Larissos "O Protoklitos"
187.	New license issuing for the fresh fish packaging unit at Xydia, Elea, S.E Fokida	2002	Fokida Fishfarms s.a.
188.	License issuing of the environmental conditions for the expansion of the fresh fish packaging unit and the land based facilities at Ag. Athanassios, S.E Evia	2002	Red Anchor s.a.

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S/N	DESCRIPTION	YEAR	CLIENT
189.	Issuing of a new approval decision for EIA for the fattening units of the company, at Xydia Bay and Vathia Louza	2002	Fokida Fishfarms s.a.
190.	Issuing of an amended decision for the preliminary environmental assessment and evaluation, as well as Approval Decision for EIA as far as relocation of the unit is concerned, from Ag. Stephanos to Ag. Stephanos Bay, S.E Evia	2002	Lionakis Ioannis
191.	Pre-feasibility study and complete investment envelope for the up-scaling/ expansion of the on-growing unit in S.E Fthiotida	2002	Cons. Liapis
192.	Approval Decision for EIA for a fresh water fish culture unit in Orchomenos, S.E Viotia	2002	Petros Dimou
193.	License issuing for the increase of the carrying capacity of a hatchery at Kanatadika Istiea, S.E Evia	2002	Hellenic Fish Farm SA
194.	License issuing for the expansion/ increase of carrying capacity of a hatchery in Chiliadou Managouli, Fokida	2002	Nireus Chios Aquaculture sa
195.	Pre-feasibility study and complete investment envelope according to the demands of the E.C regulation 2792/99 for the foundation of a mussel cultivation unit in S.E Kavala	2002	Kyriakos Ntaraktis
196.	Pre-feasibility study and complete investment envelope for the foundation of an on-growing unit in S.E Evia	2002	Skoulika Th. Evangelia
197.	Pre-feasibility study and complete investment envelope for the up-scaling of an existing fish on-growing unit in S.E Etoloakarnania	2002	V & L. Merantzis Fishculture Ltd
198.	Pre-feasibility study and complete investment envelope for the up-scaling of an on-growing unit in S.E Korinthia	2002	Sofiko fishfarms
199.	Study of the Environmental Impacts for the issuing of an Approval Decision of the EIA for the expansion of a fish on-growing unit in S.E Korinthia	2002	Glaroniosis fishfarm Ltd
200.	Elaboration of a pre-feasibility study and complete investment envelope for the foundation of a fish packaging unit in S.E Etoloakarnania	2002	Astakos Aquaculture
201.	License issuing for the relocation of a fish on-growing unit from S.E Evia to S.E Cephalonia (S. Provatio) with the simultaneous relocation of a fish on-growing unit from S. Provatio to S. Carlonissi	2002	Nireus Chios Aquaculture SA
202.	Elaboration of a pre-feasibility study and complete investment envelope for the up-scaling of an on-growing unit at S.E Etoloakarnania	2002	Myticas SA

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S/N	DESCRIPTION	YEAR	CLIENT
203.	Pre-feasibility study and complete investment envelope for a) the up-scaling/ expansion of a “new species” marine fish on-growing unit and b) the foundation of a packaging unit in S.E Aitoloakarnania	2002	Fishfarming of Patraikos SA
204.	Elaboration of a pre-feasibility study and a complete investment envelope for the up-scaling of a marine fish on-growing unit at S.E Cephanolia	2002	Tasty Fish Aquaculture Western Greece Ltd
205.	License issuing for a packaging unit of fresh fish in Neochori, Municipality of Iniades, S.E Etoloakarnania	2002	Tasty Fish Aquaculture Western Greece Ltd
206.	Elaboration of a pre-feasibility study and a complete investment envelope for the expansion of the marine fish hatchery in S.E Evia	2002	S. Spyropoulos & Co
207.	Pre-feasibility study and complete investment envelope for the up-scaling of a marine fish hatchery at S.E Fthiotida	2002	Larymna s.a.
208.	Feasibility study and complete investment envelope according to the EC regulation 2792/99 for shellfish culture in Preveza	2002	N. & D. Tsotsios & Co
209.	Pre-feasibility study and investment envelope for a fish product processing unit	2002	Tournavitis s.a.
210.	License issuing for the foundation of an eel on-growing unit, using the modern technology of a closed circuit	2002	Eurofarma s.a.