



LIFE Project Number

LIFE- ENV/000/751

PROGRESS REPORT No. 4

Covering the project activities from 29.01.2003 to 31.07.2003

Reporting Date

15/09/2003

LIFE PROJECT NAME

ICZM: Demonstration Actions in the National Marine Park of Zakynthos

Data Project

Project location	Zakynthos (Greece)
Project start date:	01/06/2001
Project end date:	31/05/2004
Total Project duration (in months)	36 months
Total budget	1619693 €
EC contribution:	719846 €
(%) of total costs	44,44 %
(%) of eligible costs	50%

Data Beneficiary

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1. Lists of (i) key-words and (ii) abbreviations

i. Key-words

- Integrated coastal zone management
- Sustainable development
- Local initiatives
- Code of conduct (good environmental practices)
- Awareness plan - active public (local population & visitors) participation
- Accreditation & certification of economic activities
- Volunteerism

ii. Abbreviations

NMPZ	National Marine Park of Zakynthos
YPEHODE	Ministry of Environment, Physical Planning & Public Works
ICZM	Integrated Coastal Zone Management
STPS	Sea Turtle Protection Society
WWF Ellas	World Wild Fund Greece

iii. Glossary

Dimos	Municipality
Nomarhia	Prefecture

2. Executive Summary (max 1 page)

The National Marine Park of Zakynthos, Greece, is situated in the southern-most part of the island, in Laganas Bay. It is the first fully-established National Park in Greece to have integrated management status with the objective of sustainable development.

The area has suffered for a long period of time from uncontrolled human development, building up pressure on the natural ecosystem and putting in danger the local flora and fauna, especially the loggerhead sea turtles.

The project involves action towards:

- the protection of the environment within the National Marine Park of Zakynthos using 'on site' actions, limiting to the minimum any disturbance to the species and habitats;
- the promotion of the idea of integrated coastal zone management and sustainable development, through local initiatives, amongst the people who are economically active in any sector in the area;
- keeping the people living on the island aware of the values of the environment and the need for its protection through integrated management and participation;
- making sure that visitors to the area are correctly informed about the importance of natural habitats; and
- the provision of the necessary 'on site' demonstration and guidance facilities that will help both the local population and visitors participate in the active management and protection of the area.

It comprises the following six tasks:

- COLLABORATION AND INVOLVEMENT OF LOCAL STAKEHOLDERS IN ACCORDANCE TO THE NATIONAL MARINE PARK OBJECTIVES
- ENVIRONMENTAL MANAGEMENT AND PROTECTION IN THE AREA OF THE NMPZ
- UPGRADING, PROMOTION AND EXPLOITATION OF THE ENVIRONMENT ACTIONS
- INTERNATIONAL COOPERATION WITH OTHER MARINE PARKS SEEKING TRANSFER OF KNOW-HOW AND COMMON PROBLEM SOLUTIONS WITH REFERENCE TO ICZM
- PROGRAMME MANAGEMENT
- MONITORING AND EVALUATION SYSTEM OF THE MANAGEMENT AGENCY OF NMPZ

At this stage of implementation, the application of the ZANTECOAST programme in the area of Laganas Bay has contributed to:

- the safeguarding, in perpetuity, of the natural heritage and preservation of the ecological balance in the area where the programme is to be implemented, in conjunction with the development of activities that are in harmony with the conservation of nature and the landscape;
- increased participation and information of the island's inhabitants in the decision-making process for management of the coastal zone;
- increased flow of information to stakeholders and participation of professional groups such as tour operators, hoteliers, fishermen, etc.;
- the protection of the natural resources and landscape from increased disturbance and pollution resulting from lack of appropriate infrastructure and planning;
- integrated planning for the development of services, infrastructure and a monitoring programme for management of the coastal zone;
- the reduction to a minimum of the disturbance to the natural environment within the habitats of Laganas Bay (nesting beaches, sand dune system, forests, marine habitats, etc...);
- the promotion of the idea that "nature, local residents and visitors can coexist and benefit from their cooperation".

3. Project management

- *Describe what the project manager and other representatives of the beneficiary have done to organise/co-ordinate the project: meetings, seminars etc. What the partners have done.*

During the period February –July 2003, several meetings were held between the management board and scientific personnel of the Management Agency (ANNEX 1).

The main subjects that was developed concerned the planning of the programme for the year 2003 (action plan) (ANNEX 2), the endorsement of professionals operating in the area of the NMPZ, the implementation of the management study of Keri's Lake and the evaluation of the implementation of the tasks within the framework of the Life-Environment programme.

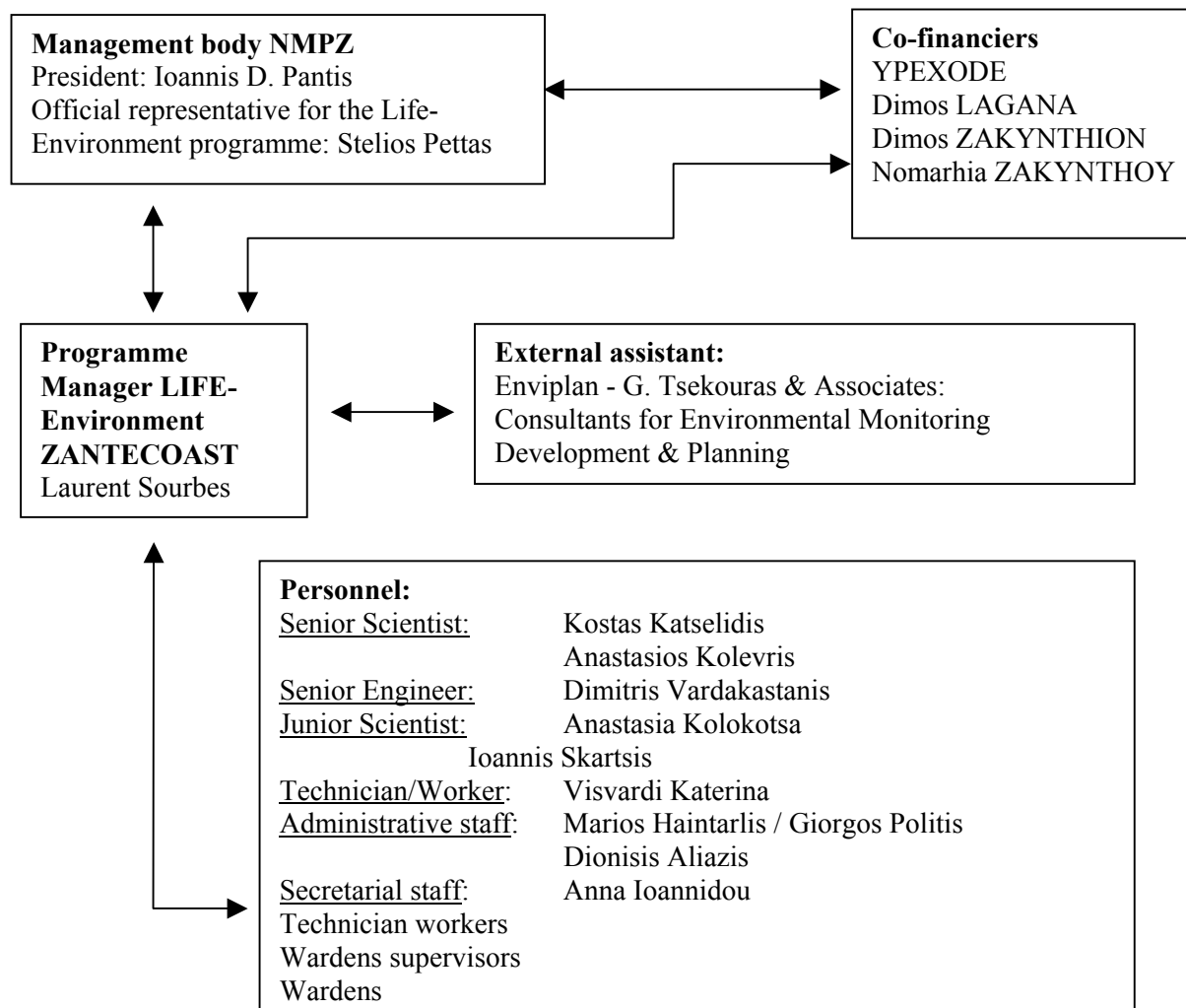
Furthermore, the seminar about the implementation of the EMAS regulation, organised in February 2003 by the LIFE Environment Monitoring Team in Greece, provided the project manager with the adequate information.

The collection of data and information inputs in the Geographical Information System (GIS) and development of the monitoring and evaluation system is a on-going system.

- *Describe any changes in the project's management structure; partner withdrawn, replaced. Please note that the Commission also must be informed of major modifications in separate notes.*

The project is being implemented according to the initial proposal and no modifications concerning the project's management structure have occurred.

- *A clear informative organigram to be inserted.*



- *Mention what reports have been delivered since the start of the project.*
 - Preliminary Action Plan
 - Guidelines for the use of artificial lights for the protection of Loggerhead turtle *Caretta caretta*
 - Wardening - awareness Programme 2002
 - Evaluation of implementation of protection measures in the National Marine Park of Zakynthos (2001, 2002)
 - Plan generation for participation and awareness campaign
 - Specifications for the development of GIS
 - Preliminary investigation of issues to be included in the code of conduct
 - Code of good practice and endorsement for “turtle-spotting” boat owners
 - Code of Good Practice Code for Agricultural Farming and stock raising activity in the NMPZ’ area
 - First progress report (01/06/2001-30/11/2001)
 - Interim Technical & Financial Report (1/12/2001 -- 27/07/2002)
 - Third progress Report (28/07/2002 -- 28/01/2003)
 - Action plan 2003for Life-Environment programme
 - Wardening - awareness Programme 2003
 - Code of good practice for Eco-tourism activities
- *Indicate if any extension of the project duration is needed or envisioned (also to be included in the executive summary). Please note that a separate note asking for the prolongation with an extensive justification is required.*

Currently, there seems to be no need for an extension of the project’s duration.

4. Technical development (You can add more descriptive titles, that refers to the technical content of the project)

- *Describe what has been done regarding the different technical/substantial components of the project (such as research, fieldwork, construction). Avoid describing the objectives and targets as such. Indicate what has been done regarding each task.*

Project implementation during last semester has progressed as follows (per task analysis):

Task 1: Collaboration and involvement of local stakeholders in accordance to the National Marine Park objectives

Implemented action concerns all the work packages of the task, namely WP 1.1 “Good Environmental Practices Code”, Wp 1.2 “Collaboration scheme” and Wp 1.3 “Eco Management Audit Scheme”. More precisely, it refers to:

- Advice and awareness of stakeholders concerning the building activity and economic activities developed in the area of the NMPZ (29/01/2003—31/07/2003):
 - a) Response of NMPZ’ management agency to 12 requests by the town-planning office, concerning artificial lights use permits. No cases of inappropriate use of artificial lights in the NMPZ area were found.
 - b) Response of NMPZ’ management agency to 3 request for advice by a hotel owner (environmental impact assessment study).
 - c) Response of NMPZ’ management agency to 47 requests for advice by local businesses (tavernas, etc.) in order for them to obtain a functioning permit.
 - d) The handing out (free of charge) of “Guidelines and Specifications on the use of artificial lights” to hotels and rooms to rent that wish to be environmentally friendly and to reduce the light pollution on the nesting beaches.
- Collaboration scheme with the local stakeholders involved in economical activities in the NMPZ’ area:

a) From February to June 2003, different actions were undertaken concerning the co-operation with the “turtle-spotting” boat owners:

- Some changes were made about the code of conduct and especially about the maximum number of visitors allowed on each turtle spotting boat in order to improve the quality of services offered.
- In order to promote a long-term “positioning” of the activity as an “eco-friendly activity”, a specific logo was elaborated (ANNEX 3). In the framework of the co-operation scheme, each contractor is allowed to use the logo with the title “endorsed by the NMPZ”.
- Following several meetings with the turtle spotting operators, two basic kind of contracts were signed with the NMZ Management Agency. The first kind of contract, with generic title “Co-operation framework between the NMPZ Management Agency and the Marine Excursions Boat Owners” (ANNEX 4), concerns two associations operating in the Lagana’s bay (Lagana association and Agios Sostis association). The main features of the contract are the obligation for the association to strictly implement the code of conduct “Smooth observation of the Loggerhead sea turtle *Caretta caretta*” with the prerequisite that each member of the association accepts all the articles and obligations of the code. In the case one member is not implementing the code of conduct, he loses the right to belong to the association. In fact, such an obligation ensures both the association and the NMPZ’ agency that each operator will feel responsible for the right implementation of the code of conduct in the framework of his activity.

The second kind of contract concerns each operator, member of the aforementioned associations, and stresses the contractual use of the different awareness material freely delivered by the NMPZ’ Management Agency. Thus, the use of the logo “Endorsed by the NMPZ” is limited exclusively to the turtle spotting activity. The logo was reproduced on tee-shirts, panels and small flags positioned on the turtle spotting boats.

Globally, all boats professionally spotting the Loggerhead sea turtle *Caretta caretta* in the Lagana’s bay signed the contractual agreement (20 boats and 16 operators).

It is also worth to note that, since the summer period 2002, volunteers of the NGO Archelon (STPS) give information on the boats belonging to the association “Marine Excursions Boat Owners of Laganas” and thus contribute to a better information of visitors about the marine turtle biology and the NMPZ’ area and protection measures.

b) The code of conduct for Eco-tourism activities was finalized by the end of May 2003. A specific logo was elaborated for three Eco-activities that are Marine excursions, Hiking and Green-accommodations (ANNEX 3). The first two logos were attributed to one local tour operator (Nature World Travel) in the framework of the eco-activities he offers to his customers. The contractual agreement that was signed include the implementation of the general code of conduct for Eco-Tourism activities and a detailed programme of activities (maximum number of participants, schedules, environmental information delivered, places visited...).

The logo with title “Eco-tourism sea tours in the area of the NMPZ” attends to promote the information / sensitization of the visitors on the particular environmental features of the marine area and on the biology of the Loggerhead sea turtle. Depending on the season, during these tours, observation of the sea turtle could be carried out. The sea-tours last between 3 and 6 hours.

The logo with title “Hiking in the area of the NMPZ” attends to promote the information / sensitization of the visitors on environmental specificities of both terrestrial and marine area. The maximum number of persons for each tour is 15 persons.

The eco-guides operating these activities followed the workshop “Nature protection within the NMPZ area” organized by the NMPZ’ Management Agency in May 2003 (see WP 3.1).

- Following the workshop EMAS, that was held in Athens in February 2003 (ANNEX 5), and taking into account the remarks and proposals made by Mr Julien (Life-Environment Unit) in the framework of the third progress report (ENV.D.1/ MS D(2003) 510924), a public tender procedure was launched by the Management Agency of the NMPZ on 1st July 2003.

The specific objective of the required services in the call for tender, is the accreditation of the maximum possible number of companies that operate in the protected area of the NMPZ. More precisely, the required services are specified as follows:

- a. Market research focused on the identification of companies operating in the area of NMPZ and on the assessment of their capacity in implementing the EMAS regulation.
- b. Detailed examination of at least 3 companies that are considered capable of implementing EMAS.

c. Implementation of an environmental review (analysis of the environmental aspects, the environmental impacts and the environmental ranking of the company), environmental policy formulation, planning and implementation of an environmental management system, implementation of an environmental audit, write up of an environmental statement and formulation of the company's third party policy, aiming at EMAS accreditation.

d. Definition of the co-operation framework between the NMPZ and the companies implementing EMAS. Analysis of the EMAS implementation procedures, the form of participation of the NMPZ in the accreditation procedure as well as the expected financial impact to the NMPZ.

As far as points (a) and (b) are concerned, particular emphasis will be placed on the tourism and recreation sector. All required services should be delivered to the NMPZ within a maximum period of 150 days (counting by the date of contract).

The choice of the companies, the planning and the implementation of environmental management programme for each of them must be completed by the end of February 2004. The accreditation process (ministry of the environment, regional planning and public works) is estimated to last two months and thus the accreditation process must be achieved by the end of April 2004.

Task 2: Environmental management and protection in the area of the NMPZ

Action related to this task concerned all three relevant Work Packages, namely the *Marine area delineation network*, *Public awareness and surveillance* and the *Training and awareness of local professionals* (Wp 2.1, 2.2 & 2.3 respectively). More specifically, it included the following activities:

- WP 2.1 Marine area delineation network

The buoys that were removed in October 2002 were reinstalled at the beginning of June 2003 (A zone). Since no one was prosecuted for the damages on buoys systems on 2002 (see Third progress report, WP 2.1) and after three buoys were illegally removed in June 2003, a prosecution procedure was launched in July 2003 by the president of the NMPZ' Management Body, Mr I. D. Pandis.

In June-July 2003, the installation of buoys systems was completed in all the NMPZ' marine zones. The total of installed buoys is presented in the following table:

Area	Zone	Buoys
Vrondonero -Pelouzo	A	32
Pelouzo -Gerakas	A	28
Marathonisi - Gerakas	B	56
Marthonisi - Keri	C	12
Marathonisi - Zante beach	B	21
Total		149

Regarding the different works needed for the delineation of the marine area (reinstallation, installation of complementary buoys system), a company specialized in under-marine works (Prodiver) was hired by the NMPZ' Management Agency. A boat (17 meters length) equipped with a manual derrick as well as diving team was provided by the aforementioned company.

- WP 2.2 Public awareness and surveillance

Wardening & public awareness programme

A wardening action plan for the summer period of 2003 (ANNEX 6) was elaborated and accepted by the Management Board of the N.M.P.Z. (Decision 21 /03/04/2003). In May 2003, 23 wardens, 2 technicians workers and 3 supervisors were hired. Seasonal workers were trained from 7 to 15 May about themes such as the protection of the environment in Greece, the legal framework of the NMPZ, the different habitats and priority species encountered in the protected area, the fire protection / prevention plan and the public

awareness techniques to be used. In accordance with the wardening action plan for the year 2003, the wardens are positioned in 8 different places along the nesting beaches located in the NMPZ' area.

Building control within the Park area

From February 2003 to the end of July 2003, the following actions have been implemented:

- Questioning /reporting to the appropriate authorities of 26 cases of potential illegal building activities
- Response of NMPZ' management agency to 12 requests by the town-planning office, concerning artificial lights use permits. No cases of inappropriate use of artificial lights in the NMPZ area were found.
- Response of NMPZ' management agency to 3 request for advice by a hotel owner (environmental impact assessment study).
- Response of NMPZ' management agency to 47 requests for advice by local businesses (tavernas, etc.) in order for them to obtain a functioning permit.

Synergy of actions undertaken in collaboration with local authorities and central administrative services (port authority, Land Service department, and police)

The NMPZ is continuing the effective collaboration scheme that was previously established with the central administrative services. The main results of the co-operation with local authorities and central administrative services will be presented in the next progress report.

Co-operation with Environmental Organisations

The co-operation with the Environmental Organisations (WWF-Ellas and Medasset) is a on-going process and is still running in 2003.

The NGO Archelon and the NMPZ' Management Agency signed an agreement in May 2003 – based on the co-operation memorandum signed in 2002 - to jointly conduct nesting activity monitoring and public awareness projects during the summer season 2003.

- WP 2.3 Training for local professionals

Training and awareness sessions, concerning the Code of Good Practice Code for Agricultural Farming and stock raising activity in the NMPZ' area, were carried out by the Senior Agriculturalist of the NMPZ, Mr Anastasios Kolevris. The sessions focused on two target groups:

- Individual farmers. They were contacted in a non-systematic way, either on a personal relationship basis (one-to-one meetings on the field), or on the occasion of large gatherings, attended by more than 100 persons. The duration of such meetings is limited to few hours.
- Agricultural co-operatives. The latest session took part in the Centre for Environmental Education at Lithakia, with the participation of all the co-operatives operating in the greater area (9 in total), as well as of the Union of local co-operatives. The duration of the sessions varies, usually from one to three days.

There is no formal procedure for the evaluation of the results of the training and awareness sessions. However, the representatives of local farmers (members of the councils of the co-operatives) express regularly their comments to Mr Kolevris, who, uses them as an input to improve, if necessary, the content of the training sessions.

In June 2003 (27/06/2003), a awareness session was organized with the Keri's fishermen association (3 persons). In the framework of this meeting, several themes were discussed such as the protection measures in the marine area of the NMPZ and their implementation, the active participation of the fishermen concerning the monitoring of the marine area and their future involvement in the wardening of the area.

Task 3: Upgrading, promotion and exploitation of the environment actions

Action concerned workpackages 3.1, 3.2 & 3.4, namely the **Dissemination of information** (Wp 3.1), the **Engineering and construction actions** (Wp 3.2), the **Upgrading, promotion and exploitation actions**

(Wp 3.3) and the **Promotion and exploitation actions** (Wp 3.4). More specifically, it included the following activities:

- **WP 3.1 Dissemination of information**

In order to improve the dissemination of information new information material was designed and edited such as:

- A leaflet with title “For the visitors of the marine area” (see ANNEX 7) that give information about the protection measures within the whole marine area of the NMPZ. This leaflet is in three languages (Greek, English and Italian) and was printed in 30.000 copies.
- A poster with title “National Marine Park of Zakynthos” (see ANNEX 8) that is a “photo montage” presenting the main habitats and species encountered in the area of the NMPZ
- A CD-Rom, in Greek, that includes a general presentation of the NMPZ (slide show), the comic “Chelonionos”, the website of the NMPZ and the video of the NMPZ Management Agency (see ANNEX 9).
- Furthermore, a leaflet with title “Code of Conduct: Smooth observation of the Loggerhead sea turtle” will be printed in two languages (Greek, English)

On the field, the following activities are currently carried out :

- As in 2002, an information centre in Zakynthos town is operated. The municipal cinema of Zakynthos is rented and is functioning as an information centre from 9.00 to 16.00 and 18.00 to 22.00 daily. A permanent photography exhibition and oral presentation facilities, including a video set showing documentaries and other visual material concerning the N.M.P.Z. are available to the public. In total, in one and a half months (20 June 2003 – 31 July 2003), 5000 people visited the information centre.
- Two information kiosks are operated in Lagana (Boukas) and in Vasilikos (Gerakas) in co-operation with the NGO ‘Archelon’.
- Daily slide shows at hotels of the Marine Park area, in co-operation with “ARCHELON”.
- Slide shows targeted at organised groups by N.M.P.Z. staff. From February to July 2003, 1600 persons participated in such slide shows. More specifically, 500 pupils and students (Schools from Zakynthos, Athens, Thessaloniki...) and 1100 persons belonging to Greek associations (working association, third-age associations) were informed and in some cases guided within the area of the NMPZ.

Information to the visitors is also given “*in situ*” through oral information (wardens) and through written information (leaflets, posters). Various activities concerning the dissemination of information (eg handing out of NMPZ leaflets), is also carried out by the glass bottom boat operators and the local tour-operators (ongoing process during the summer season).

The NMPZ’ management agency participated also in three major tourism exhibition in Italy (International exhibition BI, Milan, 15/02-18/02/2003), in Germany (ITB, Berlin, 7/03-11/03/2003) and in Greece (Tourism Panorama, Piraeus, 28/03-31/03/2003). The participation in these exhibitions was the result of a co-operation between the NMPZ, the Ionian Islands region, the Zakynthos prefecture and the Zakynthian association of tourism agencies. Exhibition material produced in the framework of the Life – environment programme was used in each exhibition. Furthermore, one member of the NMPZ’ staff, I. Skartsis, provided visitors with information about the NMPZ at the exhibition held in Milan (Italy) and in Piraeus (Greece).

In order to ensure the best dissemination of information, a workshop/ training session with title “Nature Protection within the National Marine Park of Zakynthos” was organised in May 2003 (14-15 May 2003) by the NMPZ Management Agency (See ANNEX 10). 14 guides working for local tour-operators (9 companies) participated in this training session. At the end of the workshop, a questionnaire was filled in by each participant and an Attendance Certificate was delivered.

The programme’s website was updated (<http://www.nmp-zak.org/life/LifeEnv/>) and now includes information about the project implementation, the progress reports delivered to the European Community and the main activities undertaken in 2002-2003. The different mistakes observed were corrected and the web page is available in two languages (Greek, English).

- WP 3.2 Engineering, construction and other upgrading actions

This action refers to the acquisition of complementary exhibition equipment and infrastructure. The main infrastructure elaborated in the framework of the awareness activities is the modelling of the NMPZ' area (2 *2.5 meters). Complementary acquired infrastructure concern stands and exhibition panels.

- WP 3.3 Upgrading, promotion and exploitation actions

The needs concerning the elaboration of an interactive CD-Rom and the technical infrastructure for info-kiosk were finalized. The acquisition of the aforementioned material is pending.

- WP 3.4 Promotion and exploitation actions

Since there was no answer within 15 days from the Consultative Council for Studies, the Management Body of the NMPZ -in accordance with the law- undertook a final decision (8_28/02/2003) about the contracting party that will undertake the study for the management of the coastal wetland of Keri. The consultancy A. Parasevopoulou and A. Papara was thus chosen and a contract with the NMPZ' Management Agency was signed on the third of March 2003. The first phase of the study was finalized on 5/5/2003 and was accepted by the NMPZ' Management Body on 19/05/2003.

The main contents of the first phase are listed below:

- Updating of previous studies that include the Keri's wetland (Environmental Management Study, Planning study of Zakynthos' department).
- Current physical and socio-economic characteristics of the area.
- Identification of the main threats on the natural environment of the Keri's wetland in correlation with the legal framework, the socio-economic context and the physical characteristics of the area.
- Overview of the development trends in the surrounding areas and consequences on the Limni Keriou area.
- Perspective of sustainable management of the area

Since the second phase of the study began on 26/05/2003, it is expected that the whole study will be finalized by the end of August 2003.

Task 4: International cooperation with other Marine Parks seeking transfer of know-how and common problem solutions with reference to ICZM

The NMPZ' Management Agency co-organized the International Conference held in Zakynthos (Greece, "Applying EU Environmental Legislation in the Field of Marine Protection") on 19-20 May 2003.

The international conference aimed at:

- Examining procedures of non-compliance with nature conservation legislation of the EU within several European Court cases with a focus on the court case of Zakynthos. The measures taken in response to the legal procedure, the effectiveness of these measures as well as the existence of any remaining gaps in the legislation were examined.
- Offering a forum to discuss possible actions to achieve compliance with European legislation and the overall aim of sustainable marine protection;
- Providing an opportunity to share best practises and to exchange experiences and know-how concerning the sustainable management of marine protected areas and financial instruments for nature conservation;
- Delivering results which are directly applicable to the development of the national park administration and of an appropriate conservation strategy on Zakynthos.

More than 40 experts from Greece and E.U. member states attended the conference.

The NMPZ' Management Agency participated also in the 5th European Days of the Park (Europarc Federation), launched in 1999 with the aim of raising the profile of Europe's protected areas and generating public support for their aims and works.

Task 5: Programme management of the whole management project

Action concerned two of the three Work Packages of this task, namely the **Programme planning finalisation** (Wp 5.1) and the **Management tasks (Progress reports and meeting preparation)** (Wp 5.2). More specifically, it included the following activities:

- **WP 5.1 Programme planning finalisation**
- **WP 5.2 Management tasks**

The planning of actions foreseen in 2003 was undertaken through the elaboration of an action plan submitted to the management body of the NMPZ.

Other management tasks concern:

- the follow-up of both technical and financial progress of the project
- the procedures and legalities of public tender operation and contracts regarding external services and goods offer.
- the collection of complementary information on technologies and methodologies used concerning the implementation of the project's tasks
- the coordination of different actions undertaken within the project
- the preparation of the fourth progress report
- the census and process of data contributing to the best evaluation / monitoring of the project's implementation

Task 6: Monitoring and evaluation system of the management agency of NMPZ

The development of a Geographic Information System and the processing of maps that present the activities developed in the area of NMPZ are an on going-process.

- *Compare the progress made with the established time schedule*

Actual output is delayed regarding the initial planned progress, especially concerning the W.P. 3.2 and 3.3.

5. Problems encountered

- *Problems or difficulties encountered or foreseen and their implications for future actions. They may be technical (equipment delivery is delayed, construction of infrastructure takes longer than anticipated), financial (the costs are not likely to correspond with the budgeted amounts) or organisational (role of partners are changing).*
- *If the project seems likely to become/stay behind schedule, please indicate this clearly. The beneficiary must signal, in a separate note to the Commission, changes to the baseline implementation programme (or subsequently updated versions).*

The following problems were encountered:

Eco Management Audit Scheme

The public tender for the implementation of Eco Management Scheme was launched by the beginning of July 2003. It is obvious for the NMPZ' management agency that the time left for the completion of this task is limited but it is still expected that the initial aim will be reached.

Damages to the system of buoys

The loss of buoys at the beginning of the summer season obliged the NMPZ' Management Agency to launch a prosecution procedure against unknown people. Until the end of July 2003 no more damages to the buoys systems were observed.

Problem with the installation of crossbars limiting the access of nesting beaches.

Despite the fact that the crossbars limiting the access to the nesting beaches were built in June 2003, the legal authorisation for their installation from the competent authorities (Lagana's and Zakynthos' Municipalities) were not delivered to the NMPZ' Management Agency. Two requests were sent to these authorities in 2002 and 2003 (protocol 749, 750/2003) but their answer is still pending. It is expected that this problem will be solved in the near future.

Delays in implementing the Engineering and construction actions as well as upgrading, promotion and exploitation actions (W.P. 3.2, 3.3)

Due to cash flow problem, the NMPZ' management agency delayed the acquisition of complementary infrastructure and equipment foreseen in the Work Packages 3.2 and 3.3. Although the suppliers were chosen in June 2003 (modelling of the NMPZ' area, interactive CD-Rom, info-kiosks), only the contract concerning the modelling of the NMPZ' area was signed at the beginning of July. It is expected that the other contracts will be signed in August –September 2003.

6. Dissemination

- *Activities which have given publicity to the project; like seminars, newspaper (local, popular, national) articles, scientific articles, presentations, radio and TV broadcasts. Remember that an overall objective of the LIFE programme is demonstration, i.e. informing about the project and its results so that others can benefit from the experience gained with EU support.*

Information concerning dissemination activities is presented in paragraph 4, Task 3, Work Package 3.1 "Dissemination of Information".

7. Envisioned progress up to 31.01.2004 (next 6 months)

- *What will be done during next 4...7 months, i.e. up to the next progress report. Describe the development of different tasks or entities and envision the milestones to be achieved; interim report, all field work finished, infrastructure construction finished etc.*

Activities that are planned to be implemented in the next semester are presented below on a Work Package basis:

WP 1.1 Good Environmental Practice Code

WP 1.2 Collaboration scheme

- Printing of Leaflet “Code of conduct : smooth observation of the sea turtle *Caretta Caretta*”
- Preparation of a memorandum of co-operation with the professional divers
- Meetings with operators endorsed by the NMPZ’ Management Agency, evaluation of the co-operation, proposals for amendment of the contracts.
- Continuation of the co-operation with the operators endorsed by the NMPZ Management Agency

WP 1.3 Eco Management Audit Scheme

- Finalization of the contract with the consultancy that will undertake the EMAS regulation implementation in the NMPZ’ area
- Finalization of the market research and detailed examination of at least 3 companies that are considered capable of implementing EMAS.
- The environmental review, policy and programme, management system, audit and statement will be implemented on the selected companies.

WP 2.1 Marine area delineation network

- Partial removing of the system of buoys.

WP 2.2 Public Awareness and surveillance

- Evaluation of the 2003 wardening and public awareness programme
- Maintenance of infrastructure works and equipment (Warden huts, boat....)

WP 2.3 Training and awareness of local professionals

- Amendment of Good Practice Code for Agricultural Farming
- Meetings with farmers. In October-November information awareness sessions will be organised in each local council of the area

WP 3.1 Dissemination of information

- Design of leaflet layout and printing: Life-Environment programme ZANTECOAST
- Participation in international tourism exhibition

WP 3.2 Engineering and construction actions

- Completion of complementary infrastructure works (info centre, info kiosk, panels).

WP 3.3 Upgrading, promotion and exploitation actions

- Completion of interactive CD-Rom
- Installation of interactive computers

WP 3.4 Promotion and exploitation actions

- Completion of the Keri’s Lake study

WP 4.1 International co-operation

- Memorandum of co-operation with a National Marine Park

WP 5.2 Management tasks

- Evaluation criteria for assessment of the programme's implementation
- Drafting of strategic and methodological parameters for the integrated management of coastal areas adaptation to the case study of the marine park
- Preparation of the fifth progress report
- Technical meetings with the external assistant ENVIPLAN

WP 6.1 Evaluation system and planning tool

- Creation of thematic maps presenting the activities of the NMPZ in 2003. Maps will be created with data from the Geographical Information System.

8. Financial issues

PROJECT COSTS INCURRED

	Cost category	Total cost according to the Commission's decision*	Costs incurred from the start date to 31.07.2003	%**
1.	Personnel	868,893	575,067	66,18%
2.	Travel	44,750	15,824	35,36%
3.	Outside assistance	292,050	128,384	43,96%
4.	Durables: total <u>non-depreciated</u> cost	270,000	70,700	26,19%
	- <i>Infrastructure sub-tot.</i>	<i>180,000</i>	<i>44,421</i>	<i>24,68%</i>
	- <i>Equipment sub-tot.</i>	<i>90,000</i>	<i>26,279</i>	<i>29,20%</i>
	- <i>Prototypes sub-tot.</i>			
5.	Consumables	40,000	16,413	41,03%
6.	Other costs	29,000	6,512	22,45%
7.	Overheads	75,000	38,117	50,82%
	SUM TOTAL	1,619,693	851,017	52,54%

*) If the Commission has officially approved a budget modification indicate the breakdown of the revised budget

**) Calculate the percentages by budget lines: How many % of the budgeted personnel costs are incurred by xx.xx.xxxx

- *Comment on the budget posts, particularly discrepancies (for example why 80% of one post is spent although the overall level is 30% of the budget spent) and indicate if any budget modification is expected.*

A discrepancy is still observed concerning the durable goods posts, in regard of the actual over planned cost. As mentioned above, the NMPZ' agency is confronted to cash flow problems, problems that are expected to be solved within the first trimester 2004.

- *If before interim payment, indicate when the 40 % threshold value of eligible costs is expected to be reached.*

The interim report was accepted by the Commission on 2/12/2002 (D5/3577).

9. Progress and planned activities (Gantt-chart)

Table 1. Implementation Progress (Gantt-chart)

LIFE00 ENV/GR/000751		ZANTECOAST															
		ICZM: Demonstration Actions in the National Marine Park of Zakynthos															
Tasks		2001			2002				2003				2004				
		2T	3T	4T	1T	2T	3T	4T	1T	2T	3T	4T	1T	2T	3T	4T	
Collaboration and involvement of stakeholders																	
Good Environmental Practices Code	Baseline	.	...	...	...	..						
	actual		xxx	xxx	xxx	xxx	xxx	xxx									
Collaboration scheme	Baseline			.	...	...	...	...	...	...	...	...	...	..
	actual			x	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xx			
Eco-management audit	Baseline			.	...	...	...	...	...	...	...	...	...	..
	actual				xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xx			
Environmental Management and Protection																	
Marine area delineation	Baseline	.	...	...	...	...	...	...	...	...	...	...	...	..
	actual		xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xx			
Public awareness & surveillance	Baseline	.	...	...	...	...	...	...	...	...	...	...	...	..
	actual	x	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xx			
Training & awareness of local professionals	Baseline	.	...	...	...	...	...	...	...	...	...	...	...	..
	actual		xx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xx			
Upgrading, Promotion & Exploitation actions																	
Dissemination of information	Baseline	.	...	...	...	...	...	...	...	...	...	...	...	..
	actual	x	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xx			
Engineering & construction actions	Baseline	.	...	...	...	...	...	...	...	...	...	...	...	..
	actual	x	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xx			
Upgrading, Promotion & Exploitation actions	Baseline	.	...	...	...	...	...	...	...	..
	actual	x	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xx			
Promotion & Exploitation actions	Baseline	.	...	...	...	...	...				
	actual	x	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xx			
International cooperation	Baseline	.	...	...	...	...	...	...	...	...	...	...	...	..
	actual		xx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xx			
Programme Management																	
Programme planning finalisation	Baseline	.	...	..										
	actual	x	xxx	xx													
Management tasks	Baseline	.	...	...	...	...	...	...	...	...	...	...	...
	actual	x	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx			
Final technical & financial report	Baseline												.	...	..
	actual												x	xxx	xx		
Monitoring & evaluation system (G.I.S.)	Baseline	.	...	...	...	...	...	...	...	...	...	...	...	..
	actual		x	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xx			

..... Initially Planned progress
xxx xxx Actual (& expected) Progress

10. Annexes

- **Maps, drawings, technical designs, technical memos etc. as appropriate.** Make a reference to the annexes in report text. In case the annexes are presented in local language a summary (titles, headings, map keys etc) in English should be included, either in the report text or in the annexes

List of Annexes

Annex 1: Minutes of the technical meetings held in the framework of the Life-Environment project management.

Annex 2: Action plan 2003 for the Life-Environment project

Annex 3: Logo “Endorsed by the NMPZ”

Annex 4: Contract with the Marine Excursions Boat Owners of Lagana’s bay

Annex 5: EMAS workshop programme

Annex 6: Wardening / public awareness action plan 2003

Annex 7: Leaflet with title “ For the visitors of the marine area”

Annex 8: poster with title “National Marine Park of Zakynthos”

Annex 9: CD-Rom “General presentation of the NMPZ” (in Greek)

Annex 10: Workshop with title “Nature Protection within the National Marine Park of Zakynthos” (programme, participants, questionnaire, Attendance certificate, press release)