



LIFE-THIRD COUNTRIES (LIFE-TCY)

PROJECT REFERENCE	
LIFETCY	99 / M / 095
<i>Please indicate the reference as mentioned in the contract.</i>	

PROJECT TITLE
Integrated Management of Specially Protected Coastal Areas in Malta
<i>Please indicate the full title of the project as stipulated in the contract.</i>

SIX-MONTHLY PROGRESS REPORT No 5

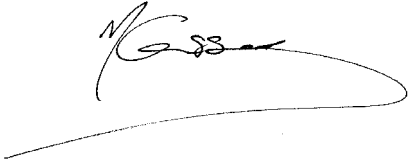
Period of activities covered by this report	
from: 1 / 2 / 2002	to: 31 / 7 / 2002
<i>The period of activities covered by this report.</i>	

COMMENCEMENT DATE OF THE PROJECT: 1 / 2 / 2000
<i>The date should correspond to the one mentioned in the official letter sent by the beneficiary to the European Commission confirming the official project start date and of the related project expenses.</i>

AREAS OF ACTIVITY		
Technical assistance	Nature Protection	Demonstration action
<input type="radio"/>	<input checked="" type="checkbox"/>	<input type="radio"/>
<i>Please tick the appropriate box.</i>		

BENEFICIARY	
<i>Please indicate the full name and address of the signatory of the contract, i.e. the organisation (entitled to carry out the project under the supervision of the European Commission) and its legal representative.</i>	
Organisation	Euro-Mediterranean Centre on Insular Coastal Dynamics (ICoD) Foundation for International Studies
Full address	St Paul Street, Valletta VLT 07
Country	Malta
Tel	+ 356 240746
Fax	+ 356 245764
E-mail	m.cassar@icod.org.mt
Legal representative	Mr Anton Micallef, Director
VAT liability	Yes <input checked="" type="checkbox"/> No <input type="radio"/> If yes, VAT number: 1298 - 5826

PROJECT CO-ORDINATOR	Michelle Cassar
Direct telephone	+ 356 240746
Direct fax	+ 356 245764
E-mail	m.cassar@icod.org.mt
<i>The project co-ordinator should be the person who deals with the operational/technical issues of the project, and the principal contact for the European Commission.</i>	

STATEMENT	
Report prepared by (name, function):	Michelle Cassar, Project Officer
On (date):	31st August 2002
The undersigned certifies that the information provided in Section I, Section II and Section III is true and correct and that the financial report (= Section III) provides an accurate image of the costs which the Beneficiary incurred in relation to the project within the time frame outlined by the contract with the European Commission.	
Signature:	

GENERAL

BENEFICIARY COMMENTS

EXPRESS YOUR VIEWS
<p><i>This report is not solely intended to provide technical and financial information to the relevant services of the European Commission – it is also a management tool that ideally should be shared by the project team, the stakeholders and the European Commission. Reporting is time-consuming and might be considered as constraining. For this reason, feel free to express your views and comments.</i></p>
<p>The current project has now been running for 30 months, with 6 months of further activities to be carried out before completion of the project in January 2003.</p> <p>As the last few months of the project approach, the analysis within this report of the activities and related expenditure to-date has served as a useful monitoring tool to guide the final activities and to make sure that all the proposed activities are carried out. It was also useful in assessing the progress of the proposed amendments to the budget submitted to the LIFE office in May 2002, for which we are still awaiting approval.</p> <p>A request for amendments to the original budget was submitted on 2/6/2002. Pending approval of these amendments by the LIFE Office, the amended amounts requested are given in section 3.2 of this report, for information purposes only. The exchange rate of 2.41, as employed in project contact, is indicative only.</p> <p>It should be noted that many of the activities described in this report are not site specific, but relate to activities and objectives that contribute to the overall aims of the project e.g. production of plants for afforestation, public awareness raising and dissemination of information, promoting the decentralisation of management of SPA's. Fo activities which were specific to one of the project sites, e.g. numbers of trees planted at each site, public awareness activities carried out at a particular site, this has been clearly indicated within the description of the activity.</p>

DISTRIBUTION LIST OF THE PROGRESS REPORT
<i>Please list briefly the name and position of the stakeholders who will receive a copy of this report.</i>
<ul style="list-style-type: none"> • Dr Rudolf Ragonesi, Managing Director, Gaia Foundation • The Hon Giovanna Debono, Minister for Gozo • The Hon Dr Tonio Borg, Minister for Home Affairs and the Environment • Mr George Pullicino, Parliamentary Secretary in the Ministry for Home Affairs and the Environment • Mr Manwel Borg, Acting Director, Ministry for Home Affairs and the Environment • Mr Vincent Cassar, Director General, Works Department, Ministry for Resources and Infrastructure • Mr Vincent Gauci, Malta Environment and Planning Authority • Ambassador Ronald Gallimore, Head, EU Delegation to Malta • Mayors of relevant local councils

LIFE -THIRD COUNTRIES OFFICE ADDRESS

FORWARDING ADDRESS	
For all correspondence, including reports	European Commission Directorate-General Environment, DG ENV – A LIFE-Third Countries Co-ordinator BU-5 200, rue de la Loi B-1049 Brussels, Belgium Fax: 32 2 296 9557
For express courier delivery, please add:	Building BEAULIEU-5
For clarifications, questions, etc. e-mail address:	Life-tcy@cec.eu.int

REPORTING REQUIREMENT CHECK-LIST

REPORTING REQUIREMENTS		
SECTION I	3 copies	required
SECTION II	3 copies	required
SECTION II - annexes	1 copy of related technical reports, and of other dissemination material (leaflets, video, training manuals, etc.)	required
SECTION III	3 copies	required

PROJECT REFERENCE	LIFETCY 99 / M / 095
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FOR COMMISSION USE ONLY



SIX-MONTHLY PROGRESS REPORT No	RECEIVED ON : / / 20
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SECTION I	Approved by LIFE-TCY Office	YES <input type="radio"/>	NO <input type="radio"/>
Name:			
Date:			
Comment(s)			
Recommended action(s)			



SECTION II	Approved by LIFE-TCY Office	YES <input type="radio"/>	NO <input type="radio"/>
Name:			
Date:			
Comment(s)			
Recommended action(s)			



SECTION III	Commitment reference number:	
	Approved by LIFE-TCY Office	YES <input type="radio"/> NO <input type="radio"/>
Name:		
Date:		
Comment(s)		
Recommended action(s)		

TABLE OF CONTENTS

SECTION I - ADMINISTRATION OF THE CONTRACT

Chapter		Pages
1.1	PROJECT IDENTIFICATION	7
1.2	REPORTING SCHEDULE	7
1.3	PROJECT CO-ORDINATOR	7
1.4	PROJECT PARTNERS AS CO-FUNDERS	8
1.5	PROJECT PARTNERS AS SUB-CONTRACTORS	8
1.6	AMENDMENT(S) TO THE CONTRACT	8

SECTION II - TECHNICAL REPORT

Chapter		Pages
2.1	PROJECT FICHE	9
2.2	PROGRESS OF THE PROJECT DURING THE REPORTING PERIOD	11
2.3	PROGRESS OF THE PROJECT SINCE ITS START	18
2.4	PROJECT PLANNING FOR THE NEXT PERIOD	22
2.5	PROJECT ACTIVITY SCHEDULE FOR THE NEXT PERIOD	23
2.6	LIST OF REPORTS AND OTHER DOCUMENTS PRODUCED BY THE PROJECT	25

SECTION III - FINANCIAL REPORT

Chapter		Pages
3.1	FINANCIAL INFORMATION	26
3.2	AMENDMENT(S) TO THE CONTRACT	27
3.3	SUMMARY OF THE EXPENDITURE INCURRED FOR THE IMPLEMENTATION OF THE PROJECT SINCE ITS START - BREAKDOWN PER CATEGORIES	28

SECTION I - ADMINISTRATION OF THE CONTRACT

1.1 PROJECT IDENTIFICATION

PROJECT REFERENCE <i>Please indicate the reference as mentioned in the contract.</i>	LIFETCY 99/ M / 095
PROJECT TITLE <i>Please indicate the full title of the project as stipulated in the contract.</i>	Integrated Management of Specially Protected Coastal Areas in Malta
Place(s) and country (countries) where the project is being implemented	Ghajn Tuffieha, Malta and Ramla Bay, Gozo

CONTRACT

Date of signature of the contract by the EC:	24 / 11 / 1999
Date of signature of the contract by the Beneficiary:	15 / 12 / 1999
Expiry date of the contract (as per Article 4.3):	30 / 06 / 2003

PROJECT DURATION

Commencement date of the project activities	1 / 02 / 2000
<i>The date should correspond to the one mentioned in the official letter sent by the beneficiary to the European Commission confirming the official project start date and of the related project expenses.</i>	
Initial duration of the project (in months):	36 months
Project activities completion date:	01 / 03 / 2003
<i>This should be the same as mentioned in the contract and in the initially approved project proposal.</i>	

1.2 REPORTING SCHEDULE

REPORTING SCHEDULE

Six-monthly progress reports	N° 1	to be provided by / provided on	31 / 08 / 2000
	N° 2		01 / 03 / 2001
	N° 3		31 / 08 / 2001
	N° 4		01 / 03 / 2002
	N° 5		31 / 08 / 2002
Interim report	to be provided once disbursements reach	140,000	EURO
Final report	to be provided by	30 / 06 / 2003	
<i>Please refer to the indicative timetable with deadlines for providing reports annexed to the contract.</i>			

1.3 PROJECT CO-ORDINATOR

Full Name	Michelle Cassar
Title, function	Project Officer
Organisation	Euro-Mediterranean Centre on Insular Coastal Dynamics (ICoD)
Direct telephone	+ 356 240746
Direct fax	+ 356 245764
E-mail	m.cassar@icod.org.mt
<i>The project co-ordinator should be the person who deals with the operational/technical issues of the project, and the principal contact for the European Commission.</i>	

1.4 PROJECT PARTNERS AS CO-FUNDERS

Organisation	Ministry for the Environment, Government of Malta		
Type of organisation	Public ✓	Private	NGO
Telephone	+ 356 231895		
Fax	+ 356 241378		
E-mail	-		
Full name(s) of the person(s) directly involved in the project	Vincent Cassar, Director General, Works Division		
<i>Please add as many frame(s) as there are co-funder(s). Indicate also potential co-funder(s) not initially foreseen</i>			

1.5 PROJECT PARTNERS AS SUB-CONTRACTORS

Organisation or Name of individual	The Gaia Foundation		
Type of organisation	Public	Private	NGO ✓
Telephone	+ 356 581657		
Fax	+ 356 581657		
E-mail	gaiarr@waldonet.net.mt		
Full name of the person(s) directly involved in the project	Dr Rudolf Ragonesi, Managing Director		
<i>Please add as many frame(s) as there are sub-contractor(s)</i>			

1.6 AMENDMENT(S) TO THE CONTRACT

REVISED DURATION OF THE CONTRACT			
Initial expiry date of the contract:		/	/ 20
Amended expiry date of the contract:		/	/ 20
Request submitted to the EC on:	/	/ 20	Approved by the EC on: / / 20

REVISED DURATION OF THE PROJECT			
Initial duration of the project		in months:	
Amended duration of the project		in months:	
Initial project activities completion date		/	/ 20
Amended project activities completion date		/	/ 20
Request submitted to the EC on:	/	/ 20	Approved by the EC on: / / 20

AMENDED REPORTING SCHEDULE			
Six-monthly progress reports	N° 1	to be provided by / provided on	/ / 20
	N° 2		/ / 20
	N° 3		/ / 20
	N° 4		/ / 20
	N° 5		/ / 20
Interim report	to be provided once disbursements reach		EURO
Final report	to be provided by	/ / 20	
<i>Please refer to the indicative timetable with deadlines for providing reports annexed to the contract.</i>			

SECTION II - TECHNICAL REPORT

Project Reference	LIFETCY 99 / M / 095
PROJECT TITLE	
Integrated Management of Specially Protected Coastal Areas in Malta	

2.1 PROJECT FICHE (2 pages maximum)

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Please, refer to the information included in the initially approved proposal and in the contract, and to the information on your project including the logframe matrix.

PROJECT CONTEXT:

Attaining sustainability is particularly challenging in the case of coastal areas having conservation value, since protection of sensitive or threatened features must be achieved without excluding recreational use and public enjoyment of the site. Hence the need for an integrated approach in order to achieve a commonly acceptable framework for management of such coastal areas.

Malta's coastal area has played a very important role in both the social and economic development of the islands, and is probably the country's most important natural resource. With a total coastal length of less than 200 km, the pressures of development on the Maltese coastline are particularly pronounced. Conflicting uses compete fiercely for valuable space along the short coastline. On mainland Malta, 50% of the coast is classified as "inaccessible" due a combination of physical features such as cliffs, and coastal development. For the island of Gozo, 74% of the coastline is considered to be inaccessible. In this context, urgent action is required to avoid the complete degradation of the natural and man-made environment of coastal areas, and the protection and enhancement of the existing landscape are of vital importance for the islands.

The current project is being co-ordinated by the Euro-Mediterranean Centre on Insular Coastal Dynamics (ICoD), in partnership with the Gaia Foundation, and with the support of the Ministry for the Environment. Working towards the better understanding and integrated management of the coastal zone is a common objective shared by all three organisations.

OVERALL OBJECTIVE(S):

The overall project objective is the implementation of good management practices for the sustainable use of two coastal areas of conservation value in the Maltese islands. Both project sites, Ghajn Tuffieha and Ramla Bay, are recognised at a national level to constitute important landscapes, and are so far largely unspoilt by anthropogenic influence. It is this same "unspoilt" character that attracts the hundreds of visitors to the sites, giving rise to the threat of degradation of their natural beauty and ecological integrity. This project thus aims to reconcile the simultaneous use of these sites for nature protection and for tourism, both domestic and international.

PROJECT PURPOSE (SPECIFIC OBJECTIVE):

The aim of the project is to implement integrated management practices at 2 selected protected coastal areas, in order to promote their sustainable use for tourism and conservation. An innovative approach has been adopted in the institutional setup for management of these protected areas, involving the transfer of responsibility for management of sites on public land from national government to a non-governmental organisation.

EXPECTED RESULTS

The following main results are expected from the implementation of this project at the two project sites:

- Rehabilitation of sites' unique biodiversity and habitats, ensuring their preservation for future generations
- Protection of sites' features of ecological and scientific importance, such as clay slopes, sand dunes, freshwater wetlands, etc.
- Control of erosion of blue clay slopes, thus protecting the landscape value of the entire project sites
- Regulation of recreational uses, and promotion of the public's enjoyment of a pristine landscape via environmentally-friendly activities
- Education of the general public and raising of awareness regarding the importance of coastal conservation
- Promotion of the innovative concept of decentralisation of SPA management, both at a national and regional level

MAIN ACTIVITIES/PHASES:

The project's main activities comprise the following:

- design and implementation of first intervention measures
- on-site regulation enforcement activities
- beach management
- rationalisation of footpath systems and creation of signposted nature trails
- surveying of ecological, geological and hydrological features at sites, including photogrammetric survey
- development and implementation of site-specific management plans, to include conservation profiles and detailed intervention measures
- afforestation work, including setting up of nursery to supply flora for planting
- education and dissemination of information

Project activities have commenced with detailed surveys of the sites to establish the resources present i.e. biodiversity, habitats, geological and hydrological features, and archaeological heritage. Site rehabilitation is being carried out concurrently, along with the formulation of site management guidelines and regulations for the sustainable use of the areas. Monitoring and research activities, in direct support of the implementation of the project's activities at each site, will also be conducted.

Dissemination of the project results is an essential part of the project, and is being implemented through the production of information material for visitors and of information boards on-site. A campaign to promote membership of the NGO managing the sites will be implemented, and access to a wider audience is being provided through the setting-up of a web-page giving detailed information about the sites. The organisation of seminars to present the results and to share the experience gained, both locally and at a regional level, will also take place.

2.2 PROGRESS OF THE PROJECT DURING THE REPORTING PERIOD

2.2.1 ACTIVITIES

Ref.	ACTIVITIES	STATUS OF IMPLEMENTATION
1	Rehabilitation of unique biodiversity and habitats	<ul style="list-style-type: none"> Meetings held in July 2002 with local conservation ngo regarding co-operation on further work at project sites and other protected areas
1.1	Detailed mapping of habitats	<ul style="list-style-type: none"> Ecological survey of Ramla Bay site, to update existing survey reports, has been commissioned. Mapping of new area, as a possible extension of conservation area currently under management – work carried out in collaboration with visiting student group from James Madison University in the US
1.2	Inventory of species present; listing of threatened species	<ul style="list-style-type: none"> Species listings for new area adjacent to Ghajn Tuffieha site carried out as part of above study
1.3	Assessment of habitat degradation	<ul style="list-style-type: none"> Habitat assessment for new area adjacent to Ghajn Tuffieha site carried out as part of above study
1.4	Afforestation (native species) of degraded areas	<ul style="list-style-type: none"> Propagation at the project nursery of 6,742 native trees and shrubs in preparation for the 2002/2003 planting season as follows: <ul style="list-style-type: none"> Repotting of 723 plants, 4 species Cutting and sticking of 1,146 plants, 6 species Sowing of 3,778 seeds of 6 different species, including 2,650 aleppo pines, and 300 <i>Tetraclinis articulata</i>, the national tree Layering of 1,095 tamarisk trees Supplementary activities at the nursery included: <ul style="list-style-type: none"> Transport of soils for repotting Weeding and cleaning throughout the nursery Between February and May 2002, a total of 2,035 trees and shrubs were planted as follows: <ul style="list-style-type: none"> 330 trees and shrubs were planted at Ghajn Tuffieha 1,705 trees and shrubs were planted at Ramla Bay, Gozo species planted were <i>Tamarisk africana</i>, <i>Atriplex halimus</i>, <i>Inula crithmoides</i>, <i>Lygeum spartum</i>, <i>Olea europea</i>, <i>Centaurea cressifolia</i>, <i>Scenecio bicolor</i>, <i>Euphorbia dendroides</i>, <i>Pinus halipensis</i> and <i>Tetraclinis articulata</i>. Regular irrigation of all planted areas at Ghajn Tuffieha and introduction of weekly irrigation at Ramla Bay.
2	<ul style="list-style-type: none"> Protection of features of ecological, scientific and landscape value 	<ul style="list-style-type: none"> Continuation of implementation of measures listed in Conservation Order for the Ghajn Tuffieha site, issued in December 2001 by the Planning Authority
2.1	Removal of illegal constructions	-
2.2	Footpath rationalisation to reduce trampling	<ul style="list-style-type: none"> Signs at strategic points around the dune area at Ramla Bay, requesting visitors to stay on footpaths in order to minimise trampling of sensitive vegetation, were serviced and increased Maintenance and replacement where necessary of footpath signs at Ghajn Tuffieha
2.3	Fencing of disturbed sensitive areas	<ul style="list-style-type: none"> Maintenance of bollard system to prevent vehicular access to degraded area of blue clay slopes at Ramla Bay Complete overhaul of vehicular access points at Ghajn Tuffieha site – replacement of original bollards with heavy duty bollards and steel chain to deter vandalism
2.4	Stabilisation of clay slopes through afforestation programme	<ul style="list-style-type: none"> Continuation of planting programme (total of 2,035 trees and shrubs) at the project sites as follows: <ul style="list-style-type: none"> 330 trees and shrubs were planted at Ghajn Tuffieha 1,705 trees and shrubs were planted at Ramla Bay, Gozo

2.5	Access control and restrictions	<ul style="list-style-type: none"> • Upgrading of existing bollard system at vehicular access points at Ghajn Tuffieha • Maintenance of bollard system to enforce vehicular access control to degraded area of blue clay slopes at Ramla Bay • Warden patrols to enforce vehicular access regulations at both sites, both on land and at sea (booking and prosecution by police of offenders)
2.6	Beach-cleaning	<ul style="list-style-type: none"> • Daily beach cleaning by hand was carried out between May and July at both Ghajn Tuffieha and Ramla beaches • Seagrass debris was removed from the beaches at both sites, for the convenience of bathers • Servicing by boat of inaccessible litter bins was carried out at Ghajn Tuffieha in June and July
2.7	Limiting of expansion of agricultural activity	<ul style="list-style-type: none"> • Continued implementation of organic farming methods at project test site at Ghajn Tuffieha: • Propagation of marrows, cucumber, cauliflower, broccoli, turnips, beans, artichokes, cabbage, garlic, onions, tomatoes, lettuce, radish, parsnips, herbs, and potatoes. • Crops harvested included cabbage, long marrow, green pepper, tomatoes, honey melons, watermelons, lettuce, beetroot, sweet corn, eggplant, pumpkin, beans and radish, onions, garlic, pumpkin, potatoes, parsnips, herbs • Supply of weekly boxes of organic produce to 40 members of Organic Food Club • Collection of data for productivity and yields, for assessment of organic methods used • Provision of assistance to 2 farmers at Ramla site regarding organic methods and advice on marketing of produce in Gozo • Provision of assistance to farmer at Ghajn Tuffieha regarding marketing of organic produce
2.8	Protection of aquifer	<ul style="list-style-type: none"> • Use of purely organic fertilisers (mushroom compost and Posidonia seagrass compost from the beach) and pest control agents at project organic farming site at Ghajn Tuffieha • Limiting of the use of pesticides and fertilisers in neighbouring areas through the education of local farmers in the implementation of organic farming methods
3	Regulation of recreational uses	<ul style="list-style-type: none"> • Activities at Ghajn Tuffieha in line with Conservation Order for this site
3.1	Enforcement of site regulations for recreational users	<ul style="list-style-type: none"> • Land and sea patrols by wardens at both Ghajn Tuffieha and Ramla Bay sites, especially at weekends, together with police presence • The Ramla Bay Police Station continued to be manned by police personnel and wardens • 2 members of project staff successfully completed training in boat handling and regulations, and obtained licence as now required by Malta Maritime Authority • Action was taken against a water sports operator at Ramla Bay who lacked the required permits from the Malta Environment and Planning Authority (MEPA), and against a beach bar operator at the same site with regard to unauthorised light pollution of the protected beach and dune area
3.2	Restriction of access to legitimate vehicles only	<ul style="list-style-type: none"> • Upgrading of existing bollard system at vehicular access points at Ghajn Tuffieha • Maintenance of bollard system to enforce vehicular access control to degraded area of blue clay slopes at Ramla Bay • Warden patrols to enforce vehicular access regulations at both sites, both on land and at sea (booking and prosecution by police of offenders)
3.3	Reduction of access points and sites	<ul style="list-style-type: none"> • Maintenance of bollards restricting entry to beach and clay slopes at both project sites

3.4	Rationalisation of footpath system	<ul style="list-style-type: none"> Maintenance of regulatory signs at Ghajn Tuffieha site Further planning of mapped routes for short walks at both sites, with markers to explain important features of habitats and biodiversity
3.5	Implementation of waste management system	<ul style="list-style-type: none"> Daily cleaning by hand of beaches at Ghajn Tuffieha and Ramla Bay sites (from May to July) Labelled bins (glass, metal, plastic and paper) for waste separation at source were maintained at Ghajn Tuffieha beach, and the waste generated is being recycled through co-operation with a new Government initiative called "Projekt Skart" (project waste) Assistance with introduction and running of waste separation system at a commercial establishment at Ghajn Tuffieha – separation and recycling of organic, glass, metal and plastic waste Composting of organic waste at the Elysium Nursery, now taking waste from 3 commercial outlets in the Ghajn Tuffieha area, as well as seagrass debris removed from Ghajn Tuffieha beach and a neighbouring beach. Resulting compost used for on-site permaculture project Recycling of organic waste collected from Ramla beach through collaboration with local farmer
3.6	Enforcement of beach management guidelines	<ul style="list-style-type: none"> Continued wardening combined with police presence, especially at weekends, to enforce site regulations at both sites Buoyed lifelines for swimmer safety were reintroduced at Ramla Bay and Ghajn Tuffieha beaches in June at the start of the swimming season, together with a set of new weather-resistant signs on beach safety Compliance of boat users with Swimming Zones demarcated by the Malta Maritime Authority at Ghajn Tuffieha and Ramla Bay was enforced by marine patrols and police presence 2 project staff obtained the newly introduced mandatory MMA boat handling licence A call for tenders for the construction and operation of basic amenities for Ghajn Tuffieha beach was issued in March, including provision of bar facilities implementing a sustainable waste strategy of reduction and recycling.
4	Education and public awareness raising	
4.1	Placement of visitor interpretation boards at vantage points	<ul style="list-style-type: none"> Placement of 2 new heavy duty and weather-resistant signs giving information about purpose and use of safety lines for swimmers at Ghajn Tuffieha and Ramla beaches Project by visiting student group from James Madison University in the US on improving information dissemination. Preparatory work on fact sheets and drafting of information boards and brochures.
4.2	Establishment of Nature Trails	<ul style="list-style-type: none"> Guided tours were continued at the Ghajn Tuffieha site for groups of German visitors, in collaboration with a German Tour Operator, Studiosus Further work on planning of routes at both project sites, in collaboration with the Malta Tourism Authority
4.3	Holding of educational activities, including beach clean-up campaigns	<ul style="list-style-type: none"> Preliminary work on promotion of eco-tourism in cooperation with hotel operators in the Ghajn Tuffieha area, with assistance of Amy Townsend, author of the book "Smart Office"
4.4	Membership drive and fund-raising	<ul style="list-style-type: none"> Membership of the Organic Food Club maintained at 40 members
4.5	Web-page and information leaflets	<ul style="list-style-type: none"> Distribution of leaflets and presentation of project activities to a group of German journalists, resulting in publication of a number of articles in German (Suddeutsch Zeitung and Augsburgs Zeitung) newspapers Further additions to the website at www.projectgaia.org including: <ul style="list-style-type: none"> Updating of all project information and material Posting of a French translation of sections of the website Posting of further recent articles in local and German press
4.6	Publication of newsletter	<ul style="list-style-type: none"> Publication of a number of newspaper articles in local (The Times of Malta) and German press

4.7	Recording of educational video	<ul style="list-style-type: none"> Filming of the project for an Austrian TV documentary on Malta's road to the EU Production of a documentary by the Malta Public Broadcasting Service dealing with project activities at the Ghajn Tuffieha site, as part of a series of features on the Maltese landscape Filming of the project by German TV producer for programme featuring projects in 4 European countries, to be aired on German and French national TV in September 2002 Preparatory work on script for educational video to be produced within the project
4.8	Holding of annual seminars	<ul style="list-style-type: none"> Preparatory work on identifying topics and participants
4.9	Organisation of regional seminar/workshop	<ul style="list-style-type: none"> Preparatory work on identifying topics and participants
5	Promotion of decentralisation of management of specially protected areas (SPA's)	
5.1	Management by NGO of protected coastal areas	<ul style="list-style-type: none"> Visit to the project nursery at Ghajn Tuffieha by the newly-appointed Parliamentary Secretary for the Environment, who expressed his support for the project. Continued consultation meetings with Local Councils, local police, and snack bar operators in connection with the management of the project sites
5.2	Dissemination of project results and experience to local and regional audience	<ul style="list-style-type: none"> Site visit by the Parliamentary Secretary for the Environment was covered by local media Publication of a number of newspaper articles in the local and German press Broadcast of documentaries featuring the project both locally and in Austria

2.2.2 REVIEW OF ANTICIPATED PROBLEM(S) / ASSUMPTION IDENTIFIED DURING THE PROJECT PREPARATION

Points to be included in every report. Please, refer to the information included in the initially approved project proposal including the logframe matrix

Ref.	DESCRIPTION	SOLUTION(S) IDENTIFIED
<ul style="list-style-type: none"> Project objectives 	<p>Continued Government support and co-operation</p>	<ul style="list-style-type: none"> Close collaboration with the relevant government bodies (Ministry for Home Affairs and Environment, Ministry for Gozo, Malta Environment and Planning Authority) involving discussions and regular meetings, provision of copies of all reports, consultations on management plans and intervention measures The above measures have been successful in achieving the signature of the Management Agreement for Ramla Bay, the second project site, as well as the approval by the authorities of the Management Plan for this site The first half of 2002 saw the creation of a new environmental body, the Malta Environment and Planning Authority (MEPA), through the merger of the former Environmental Protection Department (EPD) with the former Planning Authority (PA). Meetings are being held with officials of the new Authority in order to ensure continuity in the collaboration on this project
	<p>Co-operation of tenants and owners of private sections of project sites</p>	<ul style="list-style-type: none"> Discussions and provision of information regarding the sites, such as providing aerial photos to farmers at the Ramla Bay site, and making available to farmers olive trees for landscaping of agricultural land within the Ghajn Tuffieha site Involvement of local catering establishments with the embellishment and clean-up activities of the project sites, and with waste management project Assistance to farmers at the project sites with marketing methods for organic produce
	<p>Continued public interest in nature protection and coastal conservation</p>	<ul style="list-style-type: none"> Regular media features regarding the project and aspects of site management Setting up of on-site Visitor Centre (non-LIFE funded) Provision by wardens of on-site explanations to visitors regarding project activities Opening of the tree and plant nursery to the general public for the purpose of visitor education in environmental issues Information boards at both sites provide explanations of the work being carried out by the project
1	<p>Technical feasibility of intervention measures</p>	<ul style="list-style-type: none"> Expert advice sought from relevant consultants prior to finalising management plans and intervention measures Advance planning of activities to ensure availability of sufficient resources. E.g. Setting up of nursery within project to ensure provision of adequate numbers of suitable trees and shrub species for each planting season
2	<p>Political and public recognition of sites' important features</p>	<ul style="list-style-type: none"> Close liaison with staff of relevant Ministries, especially the Ministry for the Environment, and the Ministry for Gozo Media campaign about project, placement of information boards on-site and on-site presence of wardens to explain site regulations to visitors Liaison with Planning Authority regarding demolition of illegal constructions, and the issue of site-specific regulations within a Conservation Order

3	Political and public recognition of project management's authority	<ul style="list-style-type: none"> • Media campaign about project's benefits, information signs, and educational guidance of visitors on-site by wardens • Signature of Management Agreements for both project sites legally entrusting site management to the Gaia Foundation • Issue of a Conservation Order for Ghajn Tuffieha, granting project managers legal powers of enforcement of site regulations
4	Sufficient national conscience on environmental matters	<ul style="list-style-type: none"> • Media campaign, including production of information leaflets on various aspects of the project • Educational activities for the public, such as the Adopt-a-Tree campaign and beach clean-ups • Setting up of Visitor Centre (non-LIFE funded activity)
5	Innovative decentralisation approach	<ul style="list-style-type: none"> • Good liaison with relevant government departments and provision to departments and Ministries of all reports on the project • This approach has resulted in signature of Management Agreement for second project site at Ramla Bay • Discussions on future collaboration with other local ngo's, with a common aim of environmental protection

2.2.3 REVIEW OF PROBLEM(S) ENCOUNTERED DURING THE REPORTING PERIOD

Points to be included in every report.

Ref.	DESCRIPTION	SOLUTION(S) IDENTIFIED
1.1 1.2 1.3	Lack of rainfall during 2002 has delayed the ecological survey at Ramla, now planned for November/December 2002	<ul style="list-style-type: none"> • New survey requires presence of typical vegetation in order to characterise and assess habitats • Management Plan currently based on existing surveys of Ramla Bay area will be updated to take into account new survey reports of the site.
1.4	Low winter rainfall levels, 2000-2001 and 2001-2002 seasons	<ul style="list-style-type: none"> • Postponement of the start of the tree planting season to the end of November, and increased frequency of irrigation of all newly planted trees and shrubs
3.1 3.2 3.6	Lack of compliance by certain members of the general public and stakeholders with site regulations and management guidelines	<ul style="list-style-type: none"> • Regular patrols by wardens at both sites, and employment of plainclothes police officers during summer weekends (busiest time on-site) • Filing of Police reports regarding persistent offenders • Continued discussions with a beach bar operator at Ramla Bay regarding compliance with the new access system and site regulations • Follow-up with the authorities concerned regarding water sports operator lacking the proper permits, at Ramla Bay
3.6	Administrative delay (19 months from application) by Planning Authority in dealing with Project Managers's request for a permit to provide basic amenities (including toilet facilities) at the Ghajn Tuffieha beach	<ul style="list-style-type: none"> • Continued pressure by the Project Managers for this issue to be resolved as promptly as possible • Planning permit was finally granted in December 2001 • Tender for these facilities has been issued; construction to be started immediately (summer 2002)
4.1	Vandalism of signs and equipment	<ul style="list-style-type: none"> • Instant replacement of vandalised signs and equipment (e.g. bollards, safety lines), and continual vigilance by wardens/police officers/watchmen – this is considered to be more cost-effective than 24-hour security • Vandalism has proved to be a particular problem at the Ramla Bay site, where the co-operation of the Police has been requested to prevent further such acts

5.1	Delay in approval of Management Plan by Environment Protection Department (finally approved in April 2001)	<ul style="list-style-type: none"> • Implementation of first intervention measures at Ramla Bay was initiated while waiting for approval of complete Management Plan. • In order to compensate for the effective delay by one year at this site, project activities planned for Ramla Bay are being accelerated during the remaining project period.
5.1	Recent merger (early 2002) of former Planning Authority with Environment Protection Department (EPD) to form new body – Malta Environment and Planning Authority (MEPA), under the Ministry for Home Affairs and Environment	<ul style="list-style-type: none"> • Creation of MEPA has caused a problem with identifying the principals of the management contracts for the project sites, resulting in a delay in the transfer of government funds committed to the project • Several meetings have been held between the project managers and the authorities in an attempt to resolve this issue with the least possible delay. Release of further government funds is still pending.

2.3 PROGRESS OF THE PROJECT SINCE ITS START

Please provide here a general overview of the progress made since the start of the project that summarises the information supplied in previous six-monthly progress reports. The summary should be linked to the contents of Chapter 2.2 (Progress of the project during the reporting period).

Ref.	PLANNED ACTIVITIES	STATUS OF IMPLEMENTATION
1	Rehabilitation of unique biodiversity and habitats	<ul style="list-style-type: none"> • Vegetation survey (including recommendations) of previously unmapped area at Rdum Majjiesa (at the Ghajn Tuffieha site) • Attempts were made to obtain copies of the recently completed Planning Authority surveys of Ramla Bay • Propagation and planting of trees and shrubs was a continuous activity at the Ghajn Tuffieha site, and first planting of native trees and shrubs at the Ramla Bay site was carried out in March 2001 • Identification of graduate thesis with specific reference to Ramla Bay dunes
1.1	Detailed mapping of habitats	<ul style="list-style-type: none"> • vegetation survey mapped the Rdum Majjiesa area at Ghajn Tuffieha • Existing Planning Authority ecological surveys of Ramla Bay area were requested • Ramla dune site mapped as part of graduate thesis on Maltese sand dunes
1.2	Inventory of species present, ; listing of threatened species	<ul style="list-style-type: none"> • species list of Rdum Majjiesa clay slopes, including listing of vulnerable and restricted species, according to the Red Data Book for the Maltese Islands. • Species list for Ramla dune habitats included in above-mentioned graduate thesis
1.3	Assessment of habitat degradation	<ul style="list-style-type: none"> • Further aerial survey monitoring vegetation recovery of the Ghajn Tuffieha site • Vegetation survey of the Rdum Majjiesa area identifies degraded areas of habitats, provides recommendations for their rehabilitation • Recent aerial photographs of the Ramla Bay area have been obtained to monitor habitat degradation, and detailed field study carried out within graduate thesis
1.4	Afforestation (native species) of degraded areas	<ul style="list-style-type: none"> • Malta's first nursery for indigenous trees and shrubs, accommodating up to 20,000 saplings, has been set up.. Activities carried out at the nursery: <ul style="list-style-type: none"> – Repair and rehabilitation work on walls and security fencing, and landscaping using indigenous trees and shrubs – Installation of fire-fighting system for protection of nursery – Maintenance and repair of five wells, and restoration of the 600,000 litre reservoir at the nursery for storage of irrigation water – Laying of channels for diversion of rainfall runoff into reservoir for irrigation – Collection of sediment from reservoirs and utilisation for planting and potting – Purchase of thousands of pots and seedling trays, peat and soil – Collection of seeds and cuttings for spring propagation, including seeds of rare indigenous species never previously propagated – Propagation of 3,440 trees and shrubs, from seeds and cuttings – Purchase of plants to make up for initial shortfall during nursery's first year – placing of gravel in all pots to reduce weed growth and evaporation – construction of a greenhouse for seeding trays and seedlings – construction of shading to protect young plants from direct sunlight • Under the planting programme at the Ghajn Tuffieha site, between February 2000 and January 2002, a total of 4366 indigenous trees and shrubs were planted • Initiation of planting programme at the Ramla Bay site, 653 native trees and shrubs (6 different species) planted around the foot of the clay slopes between March 2001 and January 2002 • A fire-fighting system was laid on the clay slopes at Ghajn Tuffieha, as well as the level-1 protected areas of the site • The drip irrigation system was extended to cover all new plants; regular irrigation of all newly planted areas at Ghajn Tuffieha • Consultation with the relevant experts, and formulation of project nursery workplan for the propagation and planting of indigenous and endemic plants • Clean-up of 2 new sites at Ghajn Tuffieha as preparation for planting sites

2	Protection of features of ecological, scientific and landscape value	<ul style="list-style-type: none"> • First draft of a management Plan for Rдум Majjiesa area • Approval by the Environmental Protection Department of the Management Plan for Ramla Bay site was obtained in April • An assistant manager was employed in April 2001 to assist with management at the two project sites • A Conservation Order was issued in December 2001 for the Ghajn Tuffieha site by the Planning Authority, under the Development Planning Act 1992
2.1	Removal of illegal constructions	<ul style="list-style-type: none"> • Discussions with PA regarding the rehabilitation of the foreshore by removal of illegal structures, now required as a specific measure within Conservation Order for Ghajn Tuffieha (December 2001) • Demolition of an illegal brick wall on the Golden Bay Headland was carried out by the Planning Authority
2.2	Footpath rationalisation to reduce trampling	<ul style="list-style-type: none"> • Wooden signs indicating the accepted footpaths were installed at the Ghajn Tuffieha site, and were constantly maintained and replaced wherever necessary, in accordance with Conservation Order for this site. • Approval of proposed footpath signs by EPD for Ramla Bay site, and placement of approved signs at strategic points around the Ramla dune area, requesting visitors to stay on footpaths to minimise trampling of sensitive vegetation
2.3	Fencing of disturbed sensitive areas	<ul style="list-style-type: none"> • Placing of bollards to prevent vehicular access to degraded area of blue clay slopes at Ramla Bay, and repeated repair of vandalised bollards • Low signs approved by the EPD were placed around the sand dunes at Ramla Bay to discourage trampling of these sensitive areas • Discussions with a beach bar operator at Ramla Bay regarding compliance with the new access system
2.4	Stabilisation of clay slopes through afforestation programme	<ul style="list-style-type: none"> • Continuous planting programme of indigenous trees and shrubs at Ghajn Tuffieha, in accordance with Conservation Order for this site. Includes laying of irrigation system covering all new areas of planted vegetation • Purchase of a number of necessary texts on local flora • Planting of trees and shrubs at Ramla Bay around the foot of the clay slopes that are subject to heavy erosion
2.5	Access control and restrictions	<ul style="list-style-type: none"> • Planting across areas of unauthorised access from threatened clay slopes to Ghajn Tuffieha beach, maintenance of signs restricting access, and control of unauthorised vehicles by installation of a padlocked gate • Closing of unauthorised vehicular access to degraded clay slope area at Ramla Bay, and repair of vandalised bollards • Warden patrols to enforce vehicular access regulations at both sites, both on land and at sea (booking and prosecution by police of offenders) • Strict access regulations listed within Conservation Order for Ghajn Tuffieha
2.6	Beach-cleaning	<ul style="list-style-type: none"> • Daily beach cleaning by hand was implemented during the summer months at the Ghajn Tuffieha and Ramla sites • Regular removal and composting of Posidonia seagrass debris • Placement and servicing by boat of bins in areas inaccessible to land vehicles • Negotiations with local councils re. details of a beach cleaning management plan, including waste separation, at Ramla Bay • Beach cleaning listed within Conservation Order for Ghajn Tuffieha
2.7	Limiting of expansion of agricultural activity	<ul style="list-style-type: none"> • Implementation of organic farming methods in the agricultural areas of the Ghajn Tuffieha site. Activities include: <ul style="list-style-type: none"> – planting of olive trees as a first stage, and pine trees as a windbreak – Implementation of second stage through planting of clover as a green compost, tilling of fields and removal of stones – Production of permaculture report on sustainable agriculture, and preliminary work on assembling a “pharmacy” of organic pesticides – Purchase of 650 olive trees for planting by farmers in order to enhance traditional landscape – Production at project site of 17 different vegetables, 2 types of fruit and various herbs, and introduction of data collection system for productivity – Launch of Persephone Organic Food Club in June 2001 • Co-operation with local farmers on extending permaculture methods to their land

2.8	Protection of aquifer	<ul style="list-style-type: none"> • Protection from contamination by fertilisers and pesticides through organic nature of permaculture at Ghajn Tuffieha • Discussions with local farmers regarding reducing use of fertilisers and pesticides through adoption of demonstrated organic farming methods. • permaculture project producing 17 different vegetables and two types of fruit; a month-by-month planting plan was implemented in March 2001
3	Regulation of recreational uses	<ul style="list-style-type: none"> • Approval by Planning Authority of Conservation Order is expected to aid enforcement of regulations for the Ghajn Tuffieha site
3.1	Enforcement of site regulations for recreational users	<ul style="list-style-type: none"> • Project sites were regularly patrolled on land and at sea by wardens to enforce regulations concerning camping, offroading, open fires and littering, and maritime regulations for boat users • Presence of plain clothes policeman at Ghajn Tuffieha and Ramla Bay sites at the weekends; as enforcement support of wardens • The Ramla Bay Police Station has been reopened and is being manned by police personnel and wardens • Training in boat handling and regulations of project staff engaged in sea patrol duties, as required by Malta Maritime Authority
3.2	Restriction of access to legitimate vehicles only	<ul style="list-style-type: none"> • Installation of a padlocked gate restricting access to clay slopes and beach at Ghajn Tuffieha • Demarcation of a boat lane into Ghajn Tuffieha to guide boats away from the main swimming areas during summer months. • Placement and repair of bollards to enforce vehicular access control to degraded area of blue clay slopes at Ramla Bay, and discussions with a beach bar operator regarding compliance with the new access system • Warden patrols to enforce vehicular access regulations at both sites, both on land and at sea (booking and prosecution by police of offenders)
3.3	Reduction of access points and sites	<ul style="list-style-type: none"> • Restriction of access to Ghajn Tuffieha beach to two signposted paths; servicing and replacement, where necessary, of regulatory signs • Bollards were placed at illegal entry points to sensitive areas (i.e. the beach and protected clay slope areas) at the Ramla Bay site
3.4	Rationalisation of footpath system	<ul style="list-style-type: none"> • Placement of regulatory signs at Ghajn Tuffieha site, and inclusion of footpath system as an integral part of the Conservation Order for this site - project managers required to submit a planned Nature Trail to EPD and PA for approval • Identification of footpath system to be used at Ramla Bay, specifically in the sensitive dune area, and planning of signposted routes for short walks, with markers to explain important features of habitats and biodiversity • Maintenance of regulatory signs at both sites
3.5	Implementation of waste management system	<ul style="list-style-type: none"> • Daily cleaning by hand of beaches at Ghajn Tuffieha and Ramla Bay sites (summer months) • Separate bins for waste separation at source were maintained at Ghajn Tuffieha beach, and the waste generated sent for recycling • Composting of organic waste at the Nursery, taking waste from 3 commercial outlets in the Ghajn Tuffieha area. Resulting compost used for on-site • Composting of seagrass debris removed from Ghajn Tuffieha beach and a neighbouring beach • Installation of new bins at the Ghajn Tuffieha car park and neighbouring dunes
3.6	Enforcement of beach management guidelines	<ul style="list-style-type: none"> • Enforcement by wardens of site regulations on land and at sea, aided by the presence at weekends of a plainclothes police officer at both sites • Installation of 3 buoyed lifelines at Ghajn Tuffieha Bay, and two lifelines at Ramla Bay as a safety measure for swimmers due to dangerous underwater currents • Demarcation of a boat lane, and enforcement of maritime regulations excluding boats from the main swimming areas at both sites • Training of 2 project staff in boat handling and maritime regulations, in order to obtain mandatory MMA boat handling licence to be introduced shortly • First aid posts were set up at both sites • Approval of a planning permit to provide basic amenities for Ghajn Tuffieha beach obtained from the Planning Authority in December 2001, covering construction of public conveniences, and bar facilities which will implement a sustainable waste strategy of reduction and recycling.
4	Education and public awareness raising	

4.1	Placement of visitor interpretation boards at vantage points	<ul style="list-style-type: none"> • Placement and maintenance of small information boards on fire hazard zones, beach safety, site regulations and waste separation guidelines at Ghajn Tuffieha • 3 new information signs were installed at the Ramla Bay site, with information about the project, and site regulations • Information board concerning safety for swimmers was posted at Ramla Bay, in collaboration with the MMA, together with signs giving information about purpose and use of safety lines for swimmers
4.2	Establishment of Nature Trails	<ul style="list-style-type: none"> • Regular guided tours at the Ghajn Tuffieha site for groups of German visitors • Planning of further walking routes and ecotourism activities at both project sites (with the Malta Tourism Authority) • Preparatory work on a route for self-guided tours at Ghajn Tuffieha –student group project (2001) with James Madison University in the US.
4.3	Holding of educational activities, including beach clean-up campaigns	<ul style="list-style-type: none"> • Call for publicity information from local ngo's for display on-site • Introduction of the Adopt a Tree Campaign in April 2001 – sponsored sports activity organised as fundraising and awareness raising event, in collaboration with national education authorities • Clean up of two areas held in Sept 2001 at Ghajn Tuffieha. Activity was realised with participation of the public, and funding by nearby catering establishment
4.4	Membership drive and fund-raising	<ul style="list-style-type: none"> • Full membership (40) of the Organic Food Club (30 persons on waiting list). • Funding by neighbouring restaurant to clean up activity at Ghajn Tuffieha site
4.5	Web-page and information leaflet	<ul style="list-style-type: none"> • Setting up, maintenance and regular updating of website giving public access to information about the project, including recent articles in local and German press, and downloadable text of all studies and interim reports, as well as Gaia Foundation's management accounts (www.projectgaia.org). Website languages are English and Spanish. • Production and distribution of Information leaflets regarding <ul style="list-style-type: none"> – Management plan for Ramla Bay site, outlining key actions and highlighting natural and historical importance of the site – Organic agriculture production, as a means of promoting sustainable agricultural practices at the project sites, and as a fundraising activity
4.6	Publication of newsletter	<ul style="list-style-type: none"> • Publication of a number of newspaper articles in local and German press
4.7	Recording of educational video	-
4.8	Holding of annual seminars	-
4.9	Organisation of regional seminar/workshop	-
5	Promotion of decentralisation of management of specially protected areas (SPA's)	<ul style="list-style-type: none"> • Signature of the Management Agreement for the Ramla Bay site signified a transfer of responsibility for its management from government to the Gaia Foundation • Listed as specific measure in Ghajn Tuffieha Conservation Order
5.1	Management by NGO of protected coastal areas	<ul style="list-style-type: none"> • Signature of management contract for the Ramla Bay site in November 2000, by representatives of Environment Protection Department and the Gaia Foundation. • Ongoing discussions with the Ministry for Education, regarding handover of management of the Rdum Majjiesa area adjacent to Ghajn Tuffieha • Continued consultation meetings with Local Councils, local police, representatives of the local surfers and snack bar operators in connection with management of the project sites • Official site visit by Minister for Environment and Minister for Gozo to inaugurate the Ramla Bay Management Plan in August 2001. Also present were the Mayors of local municipalities, various sponsors, and the local Police Inspector.
5.2	Dissemination of project results and experience to local and regional audience	<ul style="list-style-type: none"> • Good television coverage of official Inauguration of the project in March 2000, by the Minister for the Environment, and of the inauguration the Ramla Bay Management Plan in August 2001. • Publication of a number of newspaper articles in the local and German press • all technical and progress reports produced by the project are copied to the Environment Protection Department (EPD), and information on the project is featured in the e-mail newsletter of the EPD • Presentation of project experience at three international events, in Spain, Sweden and Tunisia • Consultation of project managers by the Ministry responsible for Lands and Local Councils regarding three new treeplanting and biodiversity projects locally

2.4 PROJECT PLANNING FOR THE NEXT PERIOD

Short description of the activities to be carried out during the next 6-month period. Please, use the same format as under Chapter 2.2.1.

Ref.	Ref. for table 2.5	ACTIVITIES	DESCRIPTION/COMMENTS
1	A	Discussions with a local ngo regarding the preparation of marine conservation plans for the project sites	Aim is extension of the coastal SPA's to include contiguous marine areas
1.1 1.2 1.3	B	Carrying out of further surveys at Ramla Bay site i.e. ecology, geology, hydrology and geomorphology	Surveys required to update and consolidate existing Management Plan for Ramla Bay
1.4 2.4	C	Planting trees and shrubs, at the Ghajn Tuffieha and Ramla Bay sites	According to seasonal planting plan; to be provided from stock propagated at nursery
2.4	D	Propagation of trees and shrubs at the project nursery	Continuous activity
2.4	E	Maintenance work on the large reservoirs at the nursery	For the collection of rainwater for site irrigation
2.5 3.1	F	Sea patrols to enforce safety and maritime regulations at the project sites, in collaboration with the police	For increased safety of bathers
2.5 3.1	G	Meeting with officials of the Malta Maritime Authority to enhance collaboration on bather safety and boating regulations	For increased safety of bathers
2.5 3.1 3.2 3.3	H	Stepping up of security at the Ramla Bay site through collaboration with the local Police,	Increased security will enhance enforcement of site regulations and safety of visitors, as well as reducing vandalism on-site
2.5 3.1 3.2	I	Continued wardening both sites to enforce access and especially offroading regulations on the sand dune and beach areas as well as the degraded clay slopes	This has been a major challenge since the approval of the management plan
2.6 3.5	J	Collection from beach (Ghajn Tuffieha) and composting of seagrass debris for fertiliser	Compost used for organic farming exercise
2.7	K	Continuation of the campaign for encouragement of olive tree growth in vicinity of Ghajn Tuffieha	Pilot project for agroforestry
2.7	L	Production and supply of organic produce to Organic Club members	Pilot project for organic production and marketing
2.7 2.8	M	Provision of assistance and advice to local farmers neighbouring each project site regarding adoption of organic production methods	Potential suppliers to Organic Food Club and to local outlets
3.5	N	Continued operation of separated waste system at Ghajn Tuffieha, and assistance to nearby commercial establishment with implementation of waste separation system	Includes composting of organic wastes
3.5	O	Introduction of separated waste system at Ramla Bay for the summer months	Separate bins for metal, plastic and organic waste
3.5	P	Reduced use of packaging and generation of wastes through implementation of proper waste management strategy at snack bar at Ghajn Tuffieha	Part of the waste management strategy employed at the project sites
3.5	Q	Re-use of used beverage containers (cups and tetrapaks) at the Nursery as planting containers	Part of the waste management strategy
3.6	R	Maintenance of safety lifelines at the project sites' beaches for the summer bathing season (i.e. till end October)	For the assistance of bathers during rough weather
3.6	S	Provision of basic amenities (snack bar and public conveniences) at Ghajn Tuffieha, in accordance with recently granted planning permit	Planning permit granted December 2001; tenders issued March 2002
4.1	T	Completion of information boards to be situated at the nursery explaining the project's activities at Ghajn Tuffieha	As an aid to self-guided tours of the project site
4.2	U	Completion of a nature trail map and brochure for Ghajn Tuffieha and the North West of Malta	In collaboration with the Malta Tourism Authority
4.2	V	Co-operation with specialised tour operators on organisation of ecotours to project sites	Ecotours to include nature trails, cultural aspects, educational presentations and voluntary work on project sites

4.3	W	Organisation of a beachfest	To increase public awareness and participation in beach management
4.3	X	Organisation of public activities for tree planting and biodiversity awareness, and for organic food producers and consumers	To increase public awareness and participation in project activities
4.3	Y	Organisation of school trips to Ghajn Tuffieha project site and nursery	Educational activity
4.3 4.4	Z	Continuation of the Adopt-a-Tree Campaign	To run throughout the 2002/2003 planting season
4.5	A1	Updating of the project's website to include all new reports, surveys and information, particularly on ecotourism	Ongoing activity
4.5	B1	Posting on website of Italian and German translation of project activities	To promote regional dissemination of project experience
4.5	C1	Publication of new information brochure on biodiversity, and a booklet covering the management of coastal SPA's	-
4.6	D1	Production and mailing of e-mail newsletter	
4.7	E1	Production of educational video illustrating progress and results of management approach at the project sites	
4.8	F1	Organisation of seminars for local public and stakeholders	
4.9	G1	Organisation of regional workshop	For dissemination of project results and networking activities
5.2	H1	Trips overseas by project staff for training and networking	Dissemination of project results to a wider audience, and promotion of future collaboration

2.5 PROJECT ACTIVITY SCHEDULE FOR THE NEXT PERIOD

Please indicate the sequence of the activities to be carried out during the next 6-month period. Please, use the arrows to illustrate the duration, logical sequence, and possible links between activities.

Ref to table 2.4	ACTIVITIES	SCHEDULE (Months 1-6)					
		1	2	3	4	5	6
A	Discussions with a local ngo regarding the preparation of marine conservation plans for the project sites	←————→					
B	Carrying out of further surveys at Ramla Bay site i.e. ecology, geology, hydrology and geomorphology			←————→			
C	Planting trees and shrubs, at the Ghajn Tuffieha and Ramla Bay sites			←————→			
D	Propagation of trees and shrubs at the project nursery	←————→					
E	Maintenance work on the large reservoirs at the nursery	←————→					
F	Sea patrols to enforce safety and maritime regulations at the project sites, in collaboration with the police	←————→					
G	Meeting with officials of the Malta Maritime Authority to enhance collaboration on bather safety and boating regulations	←————→					
H	Stepping up of security at the Ramla Bay site through collaboration with the local Police,	←————→					
I	Continued wardening both sites to enforce access and especially offroading regulations on the sand dune and beach areas as well as the degraded clay slopes	←————→					
J	Collection from beach (Ghajn Tuffieha) and composting of seagrass debris for fertiliser	←————→					
K	Continuation of the campaign for encouragement of olive tree growth in vicinity of Ghajn Tuffieha	←————→					
L	Production and supply of organic produce to Organic Club members	←————→					
M	Provision of assistance and advice to local farmers neighbouring each project site regarding adoption of organic production methods	←————→					

N	Continued operation of separated waste system at Ghajn Tuffieha, and assistance to nearby commercial establishment with implementation of waste separation system	←	→				
O	Introduction of separated waste system at Ramla Bay for the summer months	←	→				
P	Reduced use of packaging and generation of wastes through implementation of proper waste management strategy at snack bar at Ghajn Tuffieha	←	→				
Q	Re-use of used beverage containers (cups and tetrapaks) at the Nursery as planting containers	←	→				
R	Maintenance of safety lifelines at the project sites' beaches for the summer bathing season (i.e. till end October)	←	→				
S	Provision of basic amenities (snack bar and public conveniences) at Ghajn Tuffieha, in accordance with recently granted planning permit	←	→				
T	Completion of information boards to be situated at the nursery explaining the project's activities at Ghajn Tuffieha				←	→	
U	Completion of a nature trail map and brochure for Ghajn Tuffieha and the North West of Malta					←	→
V	Co-operation with specialised tour operators on organisation of ecotours to project sites	←	→				
W	Organisation of a beachfest						
X	Organisation of public activities for tree planting and biodiversity awareness, and for organic food producers and consumers		←	→			
Y	Organisation of school trips to Ghajn Tuffieha project site and nursery				←	→	
Z	Continuation of the Adopt-a-Tree Campaign				←	→	
A1	Updating of the project's website to include all new reports, surveys and information, particularly on ecotourism	←	→				
B1	Posting on website of Italian and German translation of project activities					←	→
C1	Publication of new information brochure on biodiversity, and a booklet covering the management of coastal SPA's					←	→
D1	Production and mailing of e-mail newsletter					←	→
E1	Production of educational video illustrating progress and results of management approach at the project sites	←	→				
F1	Organisation of seminars for local public and stakeholders				←	→	
G1	Organisation of regional workshop				←	→	
H1	Trips overseas by project staff for training and networking				←	→	

2.6 LIST OF REPORTS AND OTHER DOCUMENTS PRODUCED BY THE PROJECT

Ref.	Title / Description	Date	Already provided	Attached
1	Programme of the Official Project Launch	11 April 2000	yes	no
2	DRAFT Vegetation Survey of Rdum il-Majjiesa, Ghajn Tuffieha	May 2000	yes	no
3	DRAFT Management Plan for Ramla Bay, Gozo	June 2000	yes	no
4	DRAFT Management Plan for Rdum Majjiesa, Ghajn Tuffieha	July 2000	yes	no
5	DRAFT Management Agreement for Ramla Bay, Gozo	July 2000	yes	no
6	List of trees and shrubs planted Autumn 99 – Spring 2000	28 Aug 2000	yes	no
7	Gaia Foundation Annual Report 2000 (includes report summary)	April 2000	yes	no

8	Management Agreement for Ramla Bay, Gozo	December 2000	yes	no
9	Management Plan for Ramla Bay, Gozo	November 2000	yes	no
10	Urgent Conservation Measures for Ramla Bay, Gozo	December 2000	yes	no
11	Sustainable Agriculture (Permaculture) Report	Jan 2001	yes	no
12	Gaia Foundation Progress Report, August 2000 – January 2001	Feb 2001	yes	no
13	Draft Conservation Order for Ghajn Tuffieha, with comments by the Gaia Foundation	June 2001	yes	no
14	Information leaflet – Management Plan for Ir-Ramla, Gozo	July 2001	yes	no
15	Information leaflet – Persephone Organic Food Club	July 2001	yes	no
16	Conservation Order for Ghajn Tuffieha	January 2002	yes	no
17	Organic yield records, Nov 2001 – Jan 2002	Feb 2002	yes	no

If you have

- organised an event (seminar, training, study tour, etc.),
- produced, disseminated, published material and documents for an event (e.g. brochures, video, pictures, booklets, etc.),

please include a copy / a set of

- any material and documents already produced, disseminated or published,
- the agenda or the programme of the event, the list of participants (+ tel. no), etc.

Please add any relevant annexes to the report.

NB Please, refer to the contract concerning the acknowledgement of the support given by the European Commission including the use of the LIFE logo.

SECTION III - FINANCIAL REPORT

Project Reference

LIFETCY 99 / M / 095

3.1 FINANCIAL INFORMATION

Please use the following table to provide information on the status of project expenditure compared with the budget initially estimated (as stipulated in **Annex II of the contract**).

The column entitled "Total actual project costs to date" should mention the project's actual expenses incurred from the beginning of the project to date.

Annex III of the contract provides relevant financial guidelines and information.

	EURO	%
Total cost of the project	378,871.29	100
Total eligible cost of the project	378,871.29	100
LIFE maximum assistance	189,441.03	50
Minimum threshold for advancing the intermediate payment	140,000.00	37

This section should be completed following the information provided in Annex II of the contract.

	Type <i>(please, specify)</i>	Date	Amount <i>(specify currency)</i>	Exchange rate	Amount in EURO
Payment received to date:	ADVANCE	17/02/2000	LM 30,892.58	2.4529	75,776.41
	<i>Interim 1</i>	8/05/2002	LM 32,472.97	2.5039	81,309.08
	<i>Final</i>				

INITIALLY ESTIMATED BREAKDOWN OF TOTAL AND ELIGIBLE COSTS		
CATEGORIES OF EXPENDITURE	Total cost in EURO <i>(as per annex II of the contract)</i>	Total eligible cost in EURO <i>(as per annex II of the contract)</i>
1. Personnel	192,906.04	192,906.04
2. Travel	2,393.38	2,393.38
3. External assistance	59,834.38	59,834.38
4. Durable equipment***	38,294.00	38,294.00
4.1 <i>Infrastructure</i>	0.00	0.00
4.2 <i>Equipment***</i>	0.00	0.00
4.3 <i>Prototype</i>	38,294.00	38,294.00
4.4 <i>Non eligible</i>	0.00	0.00
5. Consumables	38,097.31	38,097.31

6.	Publications	21,540.38	21,540.38
7.	Other costs	26,805.80	26,805.80
	TOTAL	378,871.29	378,871.29

This section should be completed following the information provided in Annex II of the contract

Bank account number	13224723011
Bank details (full name, address)	Bank of Valletta plc, Palace Square, Valletta, MALTA
Opened in the name of	Foundation for International Studies

3.2 AMENDMENT(S) TO THE CONTRACT, IF RELEVANT

AMENDED ESTIMATED BREAKDOWN OF TOTAL AND ELIGIBLE COSTS				
CATEGORIES OF EXPENDITURE	Total cost in EURO		Total eligible cost in EURO	
	(as per amended annex II of the contract)		(as per amended annex II of the contract)	
1. Personnel	192,906.04		192,906.04	
2. Travel	3,012.50		3,012.50	
3. External assistance	19,882.50		19,882.50	
4. Durable equipment***	64,467.50		64,467.50	
4.1 Infrastructure	0.00		0.00	
4.2 Equipment***	0.00		0.00	
4.3 Prototype	64,467.50		64,467.50	
4.4 Non eligible	0.00		0.00	
5. Consumables	39,765.00		39,765.00	
6. Publications	25,305.00		25,305.00	
7. Other costs	34,824.50		34,824.50	
TOTAL	381,503.00		381,503.00	
Request submitted to the EC on:	2 / 6 / 2002	Approved by the EC on:	NOT YET APPROVED	

3.3 SUMMARY OF THE EXPENDITURE INCURRED FOR THE IMPLEMENTATION OF THE PROJECT SINCE ITS START - BREAKDOWN PER CATEGORIES (BPC)

Categories of expenditure	Total cost in EURO (as per annex II of the contract)	Total eligible cost in EURO (as per annex II of the contract)	Total project cost incurred to date in EURO	Total actual project costs to date in EURO		
				actually incurred by the Beneficiary *		actually incurred by the project partner(s) ** (= other sources of financing)
				incurred with LIFE contribution	incurred with the Beneficiary's own contribution	
1. Personnel	192,906.04	192,906.04	162,745.53	NA	NA	
2. Travel	2,393.38	2,393.38	1,199.76	NA	NA	
3. External assistance	59,834.38	59,834.38	14,134.43	NA	NA	
4. Durable equipment***						
4.1 Infrastructure	0.00	0.00	0.00	-	-	0.00
4.2 Equipment***	0.00	0.00	0.00	-	-	
4.3 Prototype	38,294.00	38,294.00	26,298.68	NA	NA	
4.4 Non eligible	0.00	0.00	0.00	-	-	0.00
4. Consumables	37,097.31	37,097.31	39,252.10	NA	NA	
5. Publications	21,540.38	21,540.38	7,700.77	NA	NA	
6. Other costs	26,805.80	26,805.80	36,599.15	NA	NA	
TOTAL in EURO	378,871.29	378,871.29	287,930.43	187,059.73	100,870.70	

A = B + C + D

The expenditure concerns the period	from:	1/2/2000	to:	31/7/2002
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- * and recorded in the legal accounting of the beneficiary.
- ** other project expenses which are **not recorded** in the accounting of the beneficiary (= **supported by** third parties/project partners but **not reimbursed by the beneficiary**). Contributions in kind and voluntary work are regarded as non eligible and should therefore be indicated for information purposes only and in brackets.
- *** subject to linear depreciation over a period of 5 years.