Directorate General Environment, Unit E.4. LIFE

Ex-Post Evaluation of Projects and Activities Financed under the LIFE Programme

Country-by-country analysis Italy

July 2009







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1 Executive summary

The 164 **LIFE Environment** projects co-financed by the LIFE Programme mainly concern waste, pollution, and water. The projects are distributed over a number of themes, with Strategic Approaches and Natural Resources and Waste representing about 50 per cent of all projects, followed by Water with 28 projects. A total of 56 projects are reported to be technically and/or economically viable. The level of innovation is good with 62 projects claiming to develop innovative techniques, processes or approaches. Many LIFE Environment projects appear to have had an impact on environmental management, even though the environmental impact of many projects cannot yet be assessed.

The 137 **LIFE Nature** projects co-financed by the LIFE Programme during 1996-2006 comprise a large number of projects targeting forests (mainly in mountainous areas or alluvial forests), dry grasslands (both mountain and coastal), and wetlands. A large variety of species were involved, mainly birds and large carnivores, or tree species such as yew, holly, fir or beech trees. In total, 313 Natura 2000 sites have been involved or about 11 per cent of the 2,852 Natura 2000 sites in Italy. Many projects have contributed directly to improving management capacity and about a fifth of all LIFE Nature projects had a demonstrable effect. Moreover, interviews indicate that the Italian strategy entails using the experience acquired through the LIFE programme to launch other complementary projects using other funding sources, in particular Structural Funds.

In general, the level of effectiveness is regarded as good, with a reasonably good level of synergy, innovation and demonstrable effect, at least at national level. Sustainability appears variable. It is assessed as being high to very high for LIFE Nature projects implemented by Park Authorities (non-LIFE funding already exists), for LIFE Environment projects linked to management planning at provincial level (the beneficiaries know the area very well and have good relationships with stakeholders), and for technological development projects in which the beneficiary has an interest (a ready to use tool at the end of the project). The utility of LIFE projects in Italy is clear, as regards the priorities and issues addressed in the 6th EAP. National environmental priorities are only being set up officially this year in Italy. As a consequence, the LIFE Programme has been a bottom-up process, with projects designed to address local or regional needs, and then adapted to fit EU priorities. It is recognized that the LIFE Programme has played a major role in environmental improvement and nature conservation in Italy, including the management of the Natura 2000 network.

2 Introduction

This country report on the implementation of the LIFE Programme in Italy is part of the overall ex-post evaluation of the LIFE Programme. The evaluation was commissioned in July 2008 and covers all LIFE projects initiated during the period 1996-2006. The overall objective of the evaluation is to assess the relevance and impact of the activities and projects financed under the LIFE Programme. The evaluation comprises country studies in all Member States except Bulgaria, which has never had any LIFE projects. This report documents the analysis carried out concerning the implementation of the LIFE Programme in Italy. The ex-post evaluation focuses on assessing the effect of the LIFE Programme on Europe's nature and environment through looking at results and impacts of LIFE projects implemented under the Nature (NAT) and Environment (ENV) components. The results and impacts have further been assessed along three main evaluation criteria:

- Effectiveness, i.e. the extent to which planned objectives have been reached;
- Sustainability, i.e. the extent to which positive impacts have continued or are likely to continue;



• Utility, i.e. the extent to which impacts address key environmental needs and priorities in the EU and for the stakeholders concerned.

3 Environmental policy overview

The fact that there is no official document highlighting national environmental priorities in Italy does not mean that there is a lack of interest in the issue. The latest Report on the State of the Environment (published in 2006) indicates that the Government's policy is to focus on sustainable development, energy efficiency and the promotion of renewable energy. This strategy was further promoted at the European level during the Italian presidency of the European Union during the second semester of 2003, specifically advocating for a modification of the culture and instruments of environmental policy in order to assert the concept of "the environment as an opportunity".

Italy's sustainable development strategy relies on six pillars: energy, industry, transport, agriculture, tourism, urban areas, and their relationship to environment. Part of this strategy has been the modification and updating of the "Code of Environment", a long process that included the simplification, rationalisation and reorganisation of the environmental standards (norm) in six key areas: waste and recycling, water, soil preservation, atmospheric pollution, environmental procedures, and environmental damage.

However, with 60 infringements (as of 31 December 2007), Italy still has the highest number of ongoing infringements of EU environmental legislation. Most of these relate to nature protection and waste legislation, with four areas of particular concern:

- climate change (Italy is a long way short of its Kyoto target of 6.5 per cent emissions decrease in 2008-2012 compared to 1990, mainly due to the growth of electricity consumption and the large gap between the share of electricity from renewable sources and the target of 25 per cent to be reached by 2010);
- nature and biodiversity (mainly soil erosion), and the extension of the Natura 2000 network that is still incomplete);
- environment and health (especially water pollution (Italy still has not fully transposed and implemented the Water Framework Directive), and air pollution in urban areas (with the highest concentrations of particulates and the second highest concentrations of ozone in the EU in 2005); and,
- natural resources and waste (mainly water consumption, which is well above the EU average due to
 an inefficient distribution network and the failure to implement EU waste rules, with the persistence
 of thousands of illegal landfills and the lack of a more strategic planning approach to waste
 management).

However, it has to be stressed that substantial progress has been made recently. For example, this includes the 40 Million Euro investment plan agreed in 2007 to support the realisation of the ARCHIMEDE project in Sicily, which is a unique 5MW integrated solar-gas combined cycle plant, the first of its kind in the world. The project had just begun in 2008.



4 Overview of LIFE projects in Italy

During the period 1996 to 2006, the LIFE Programme co-financed 301 projects in Italy, including 137 Nature projects and 164 Environment projects. A full overview table of the projects is provided in Appendix 1. Appendices 2 and 3 provide some summary tables.

Table 4.1 Overview of LIFE projects 1996-2006 in Italy

	Number of projects	Total LIFE contribution (million EUR)	Main themes covered ¹	Average LIFE contribution per project (million EUR)	Average project duration (years)
Environment	164	88.7	Strategic Approaches (25%), Natural re- sources and waste (24%), Water (17%)	0.5	3.3
Nature	137	61.0	Habitats (87%)	0.4	3.7

Source: BUTLER

The **LIFE Environment** projects co-financed by the LIFE Programme mainly concern waste (management, reduction, reuse/recycling); water (management, quality improvement, and mainly waste water treatment and/or reuse); or other pollution issues related to air, water or soil (management, emissions reduction, surface and/or groundwater, and to a much lesser extent soil). Interestingly, a substantial number² of projects (17) involve the implementation of an environmental management system (EMAS). The typical type of beneficiary was SMEs, which accounted for 35 projects in total, and Local Authorities, with 34 projects in total.

The **LIFE Nature** projects co-financed by the LIFE Programme during 1996-2006 comprise a large number of projects targeting forests (mainly in mountainous areas, or alluvial forests), dry grasslands (both mountain and coastal), and wetlands. The large majority of projects are multi-habitats projects. A large number of "Habitat" projects focus on preserving or restoring sensitive habitats (such as wetlands, or particular types of forests or grasslands), thereby indirectly protecting the species that depend on it (mainly birds). The typical type of beneficiary was a Park-Reserve Authority, which accounted for 40 projects in total, and Local Authority, with 33 projects.

5 Effects of projects implemented

5.1 Results and impacts for Nature projects

Based on the documents examined and interviews carried out, some 118 of the 137 LIFE Nature projects in Italy involve Natura 2000 sites, with many projects (43) involving more than one site. In total, 313 sites have been involved, or about 11 per cent of the 2,852 Natura 2000 sites in Italy. Of these

² Unless an Appendix table is referred to, numbers and percentages given are based on the synthesis of the 301 project summaries reviewed.



¹ For the purpose of this evaluation, the LIFE projects were categorised according to the thematic structure of the LIFE+ Programme (ref. Regulation EC No. 614/2007, Annex II). The themes included for LIFE Nature: Habitat Directive, Birds Directive and Biodiversity. For LIFE Environment: Climate change, air, water, soil, forests, natural resources and waste, chemicals, urban environment, strategic approaches.

118 projects, 67 involved Sites of Community Importance (SCI), seven concerned Special Protected Areas (SPA), and 28 were combined projects (SCI and SPA), (often because the same Natura 2000 site is designated as both a SCI and a SPA). Some 19 projects out of the 137 LIFE Nature projects (just under 14 per cent) led to an increase in the Natura 2000 network. However, this figure could be higher, as it is not always clear whether the sites concerned were existing ones, or were being proposed through the projects.

It is very difficult to determine the size of the total area represented by these 313 Natura 2000 sites, as this information is seldom available (it is either not mentioned in the project summary, or it is unclear how much of the area is covered by the project). However, it was possible to obtain accurate enough figures for 44 projects, which concerned a total area of 369,652 ha. If we extrapolate this to the 118 projects involving Natura 2000 sites, it gives us about 991,339 ha, or around 12 per cent of the total size of the area covered by N2000 sites in Italy (79,662 km²). Although this percentage is an extrapolation based on a relatively small number of projects (44 or just over a third of all projects), it matches the proportion of Natura 2000 sites concerned by a LIFE Nature project (11 per cent, see above).

Many LIFE Nature projects focused on forests (mainly mountainous or alluvial forests), often specifically targeting yew, holly, fir or beech trees. Other habitats often concerned are grasslands (mountain or coastal dry grassland, pasture, meadow, steppe) and wetlands (including marshes, peat bogs, salt marshes, coastal lagoons). All are habitats of European importance (in the sense of the Habitat Directive), or Priority Habitats. Generally, these projects included, or were based on the restoration of the concerned habitat(s), so it can be assumed that they will have, or have had, an impact on maintaining or improving biodiversity. Although most LIFE Nature projects are "Habitat" projects (119 out of 137 projects), most of the time they directly or indirectly affect a particular species or group of species (47 per cent of them involve a specific species or group), such as in the project "Urgent action for the protection of the Sardinian steppic habitats" which resulted in protecting, and improving, populations of the little bustard, an Annex species (LIFE96 NAT/IT/003165). For example, 24 projects affect birds (mostly migratory birds, birds of prey, or the bittern), 18 projects concern large carnivores (largely bear and wolf, with a couple of projects also concerning lynx). Bats and amphibians each attracted seven projects, and sea turtles 6, while fish and invertebrates are the least represented groups. All are Birds or Habitat Annex species (e.g. puffins, cormorants, the bittern, egrets, the bearded vulture, Eleonora's falcon, the little bustard, or Audouin's gull to cite only a few of the bird species concerned). Although only 14 projects (10 per cent) specifically mention the adoption and/or implementation of a Species Action Plan, it can be estimated that the long-term conservation of the species concerned by LIFE Nature projects is often secured. Indeed, 26 projects (19 per cent) are the continuation of a previous LIFE Nature project (which gives some measure of longevity), and 50 per cent of all projects took place in an existing protected area (a Regional Natural Park generally), for example the S'Ena Arrubia lagoon conservation and integrated management in Sardegna (LIFE97 NAT/IT/004177), or the environmental rehabilitation of the Natural Reserve of Tarquinia Salt-works, near Rome (LIFE02 NAT/IT/008523). This seems to be confirmed by the e-survey, where 68 per cent of the 25 answers provided indicate that their project led to a favourable conservation status (for a species or habitat).

Many projects (91 or 66 per cent of all LIFE Nature projects) have directly contributed to improving management capacity (mostly by designing management plans) and, to a lesser extent, have improved some implementation frameworks, in the form of guidelines aimed at local authorities (39 projects or 28 per cent). A good example is the project "Natura 2000 network in Italy: management models" (LIFE99 NAT/IT/006279). If fewer projects (20 projects, or 15 per cent) have contributed to improving the management of other non-LIFE projects (mostly a Park management plan), about a fifth of all LIFE Nature projects (27 projects) had a demonstrable effect, with the methods and approaches developed through these projects having been used at other sites, or with other species. Moreover, the National



Focal Points indicate that the strategy in Italy is to use the experience acquired through the LIFE programme to launch other complementary projects using other funding sources, in particular Structural Funds.

5.2 Results and impacts for Environment projects

As well as being numerous in Italy (164), the projects supported through LIFE Environment are also very diverse and it would be difficult to sum them up in a common assessment. Rather, this assessment has been refined by categorizing the projects according to four main areas: technology projects, waste, natural resources, and water (including waste water). To these four main areas should be added a fifth (cross-sectoral) area: management and planning, since most of these projects specifically aim at developing management plans, or improving management capacity. For example, the project "Making a pact with the environment" aimed at proposing a "rule based" methodology to promote an active participation of the local authorities in the process of eco-sustainable planning (LIFE99 ENV/IT/000032). The management and planning projects are the most numerous with 58 projects (35 per cent of all LIFE Environment projects). These are followed by technology projects with 38 instances (23 per cent). There have been 29 water-related projects (18 per cent) and 24 waste projects (15 per cent), the remaining 15 projects addressing natural resources issues (9 per cent).

Results, as reported by project summaries, appear to be good in general. Only 12 projects failed completely to generate any result (e.g. they were not implemented), with an additional eight projects delivering very limited results. There does not seem to be any pattern in failure as regards the five areas listed above. Of these 20 failed, or partially failed, projects, nine belong to technology projects and six to management and planning projects, which are the two main areas. A total of 56 projects (34 per cent of all LIFE Environment projects) are reported to be technically and/or economically viable. These are more likely to be technology projects (18), followed by water projects (12) even though these are only the second and third most numerous categories. The level of innovation seems good with 62 projects claiming to develop innovative techniques, processes or approaches. Of these, 46 claim to be innovative at the country level (i.e. within a strictly Italian context), and 16 at the European level (i.e. projects with international partners). A good example of the latter is the project "The application of innovative photovoltaic technology to the railway trains" (LIFE02 ENV/IT/000064). However, this distinction is rarely reported in project documents, so the latter figure is possibly higher. Most innovative projects belong to the technology category (18), followed by the management and planning category (9), and the waste and the water categories (8 each).

Many LIFE Environment projects appear to have had an impact on environmental management. This impact can be felt particularly through an improvement in environmental conditions for 59 projects (of which the majority fall within the management and planning category, with 25 projects; followed by the natural resources and the water categories, with ten projects each); through an improvement in waste management, with 42 projects (almost equally and exclusively shared by the management and planning, the technology, and the wastes categories); or through an improvement in river basin management (in its largest sense, i.e. including groundwater, lakes, rivers and coastal waters), with 26 projects (most of them - 15 - not surprisingly belonging to the water category). However, the wider impact seems more limited, because in some cases it did not last beyond the project's life, and because few projects reportedly gave rise to similar activities within the country (19 projects, eight of which from the management and planning category), or elsewhere (8 projects only). However, these figures could increase, as it is still too early to make this kind of assessment for many projects, because this assessment is largely based on project summaries, which are written close to the end of a project's life and also because this information is not necessarily known to the beneficiaries.



6 The effectiveness of projects

Effectiveness can be assessed at two levels: the project level, which compares achievements with project objectives, and at programme level, which compares achievements with LIFE Programme objectives.³

Overall, project level effectiveness of **LIFE Nature** projects can be assessed as high. Only five projects failed to deliver any results, and a further eight were significantly downscaled (9.5 per cent of all LIFE Nature projects). One of the reasons for failure is the issue of land ownership (where it was not possible to come to an agreement with concerned landowners during the course of the project). Almost a third of all projects (40) established links with other projects or initiatives, indicating a good level of synergy, and as stated above, nearly a fifth (26) of the projects lead to a subsequent one, or had a known demonstration effect (27 projects). This is emphasised by the e-survey, where 16 of the 18 answers provided state that their project led to other initiatives within nature conservation (although this is too small a sample to be bias free).

LIFE Environment projects appear to have been just as effective at project level. Twelve projects failed to deliver any results and a further eight had their objectives drastically reduced, giving an overall failure rate of about 12 per cent. However, the degree of synergy is much lower than for LIFE Nature projects, with only 21 projects directly linked to other initiatives (just under 13 per cent). Likewise, the demonstrable value of LIFE Environment projects appears lower, with 19 projects leading to a similar one in country and eight leading to a similar project elsewhere (overall 16.5 per cent of all LIFE Environment projects). By contrast, a number of LIFE Environment projects had an international dimension (26 projects, or just under 16 per cent), which is regarded by all interviewees as having had a very positive effect. Having international partners opens up additional opportunities (e.g. expertise not available at country level, dissemination), and allows for more ambitious projects.

At programme level, it is clear that the **LIFE Nature** projects have contributed to the implementation of Council Directive 79/409/EEC (Birds Directive) and Council Directive 92/43/EEC (Habitats Directive), even if only about 10 per cent of all LIFE Nature projects (14 out of 137) belong to the "Birds" category (see overview of LIFE Nature projects above). Indeed, most "Habitat" projects also concern, directly or indirectly, species of Community interest, largely effecting birds (see results and impacts of LIFE Nature projects above). According to National Focal Points, the effectiveness can be assessed as high (with a score of 4 on a scale of 1-5 where 5 is the highest). The same assessment was made by the Monitoring Team, as well as by the LIFE Unit desk Officers.

Regarding **LIFE Environment** projects, the programme level effectiveness is also assessed as high by all interviewees (Monitoring Team experts, National Focal Point, LIFE Unit desk Officer). Out of 164, some 46 projects claim to have developed innovative techniques, methods or approaches (28 per cent of all projects). The innovation value of the programme at European level is less clear, with this information not being readily available in most cases. Out of the 46 innovative projects, 16 claim to be innovative at European level. A total of 27 projects (16.5 per cent of all LIFE Environment projects) have led to other projects, either in country (19) or elsewhere (8), giving the LIFE programme a good demonstration value, ⁴ while 26 projects (just under 16 per cent) were international projects. A total of

³ Specific objective for: LIFE Nature: to contribute to the implementation of Council Directive 79/409/EEC (Birds Directive) and Council Directive 92/43/EEC (Habitats Directive); LIFE Environment: to contribute to the development of innovative and integrated techniques and methods and to the further development of Community environmental policy.

⁴ This figure is likely to be higher, as it only takes into account projects that had a demonstrable effect during the project's life. It does not take into account those projects that may have had this effect after the end of the project and the writing of the project summaries.



25 projects have also contributed to the development of Community environmental policy, or at least shown a strong potential to do so (e.g. their results could be integrated directly into a policy document). A good example of this is the project "Sustainable fertilisation of an intensive horticultural basin through an innovative management system of the local vegetal waste biomass utilising an existing composting plant and supporting a permanent info-structure" (LIFE02 ENV/IT/000089). This project led to the adoption of a "Compost Law" in Italy, which could serve as a model for a European Regulation on this subject. As was the case with LIFE Nature, the National Focal Points assess the level of effectiveness of the programme as being high, with a score of 4 on a scale of 1-5 where 5 is the best, and the same that was given by the LIFE Unit Desk Officer. However, for the Monitoring Team, it was only medium to high (with a score of 3-4).

7 The sustainability of projects

Although it is still too early to assess the sustainability of many projects, it can already be said that sustainability and the significance of long term effects will be highly variable.

For those **LIFE Nature** projects that have taken place in existing protected areas (such as Regional Natural Parks), about half of all LIFE Nature projects, sustainability can be assessed as high (an existing protected area means that non-LIFE funding sources are in place). For the other half, it will very much depend on political will and/or continuity (following elections for example). All interviewees (National Focal Points, Monitoring Team, and LIFE Unit Desk Officers) therefore rate sustainability as medium, with a score of 2.4 on a scale of 1-5 where 5 is the highest. As for the few project managers who have provided answers to the e-survey (18), the majority considers that projects have a very high (8) or high (4) degree of sustainability, and that projects will lead to long-term improved protection of species and/or habitats. This is confirmed by in-depth project studies, for example the S'Ena Arrubia lagoon conservation and integrated management in Sardegna (LIFE97 NAT/IT/004177), or the environmental rehabilitation of the Natural Reserve of Tarquinia Salt-works, near Rome (LIFE02 NAT/IT/008523).

Regarding **LIFE Environment** projects, 56 of out of 164 (34 per cent) are deemed to be technically and/or economically viable. This may seem low, but these criteria apply mainly to technology projects (which represent 23 per cent only of all LIFE Environment projects) and when applied to technology projects only, the ratio is 47 per cent. According to the National Focal Points, the projects most likely to be sustainable are those linked to management planning at provincial level,⁵ and they assess the overall sustainability of projects as being very high (a score of 5 is given on a scale of 1-5 where 5 is best). For the experts of the Monitoring Team, sustainability is variable and, while it is too early to make an assessment at programme level, it is seen as being high at project level. All interviewees are in agreement to consider that sustainability is also very high for those technological development projects in which the beneficiary has an interest (in the form of a ready-to-use tool at the end of the project).

8 The utility of projects

The utility of LIFE projects in Italy is clear, as regards the priorities and issues addressed in the 6^{th} EAP. **LIFE Nature** projects generally concern habitats and/or species of Community interest, and are thus well in line with Article 6 of the 6^{th} EAP on Nature and Biodiversity, particularly regarding species and habitat conservation, or threatened species. The role of the LIFE programme has been essential in Italy

⁵ This is because these projects are led by people who know the area very well, having established good relationships with concerned stakeholders.



for the management of the Natura 2000 network (118 of 137 LIFE Nature projects concerned Natura 2000 sites). Many, if not all projects would not have taken place without LIFE financing (see also last paragraph). **LIFE Environment** projects are particularly relevant to Article 8 of the 6th EAP on Natural Resources and Waste, especially concerning the reduction in waste volumes and the quantity of waste going to disposal, or encouraging reuse and recycling. Noticeably, many projects addressing issues of waste reduction have the direct or indirect consequence of decreasing the consumption of water and energy, which is also well in line with Article 8. This is particularly true for technology projects aiming at developing and implementing new industrial processes (particularly in the tile/ceramic or the leather industries, which are prominent industries in Italy, with serious environmental and pollution issues), as well as for the numerous projects addressing waste water treatment or river basin management. A number of projects within the management and planning category (see "Results and Impacts" above) also address urban related issues, in line with Article 7 of the 6th EAP (Environment & Health and Quality of Life). Good examples are provided by the "Making a pact with the environment" (LIFE99 ENV/IT/000032) and "Realization of Rome's Action Plan to achieve the Kyoto's Protocol objectives of Greenhouse Gas Reduction" projects.

National environmental priorities are only officially being set up this year in Italy. As a consequence, the LIFE Programme has been a bottom-up process, with projects designed to address local or regional needs, and then adapted to fit EU priorities. This is confirmed by the National Focal Points, who further assess that these national priorities being set up are so inclusive that all projects fall within the relevant parameters. All interviewees agree that there is a high degree of coherence between EU environmental priorities and policies, and the issues addressed by LIFE projects. It is the opinion of the LIFE Unit desk officers that LIFE projects have been very reactive to EU policy change, as could be seen when the Water Framework Directive or the WEEE Directive came out. This is confirmed by the analysis of project summaries, which shows that a large number of projects address waste water/water pollution or waste recycling issues.

Both the Monitoring Team and the National Focal Points recognize that the LIFE Programme has played a major role in environmental improvement and nature conservation in Italy, because financial resources on that front are scarce in the country. Without the LIFE funding, the state of the environment, at least at local or regional level, would be worse, and projects would have been fewer and much smaller. The LIFE Programme also gives access more easily to other sources of co-financing (the so-called "quality stamp" effect), and more organisations gain access to financing.



Appendix 1 Comprehensive overview of LIFE Projects in Italy

In connection with the ex-post evaluation, data was extracted from the BUTLER database of the LIFE Unit. Table 1 and Table 2 below provide an overview of the information available on each project as well as the LIFE+ theme attached by the evaluation team to the project. The budget figures for LIFE co-financing do not necessarily correspond to the actual payments made.

Table 2 Overview of LIFE Environment Projects in Italy

ld.	Title	LIFE generation	Funding year	Start year	End year	Total budget (EUR)	LIFE co- financing budget (EUR)	Beneficiary type	International partners (yes/no)	LIFE+ theme
LIFE96 ENV/IT/000064	Demonstration plant using semi- permeable membrane for nanofil- tration and reverse osmosis to recover ammonium sulphate from industrial wastes.	LIFE II	1996	1997	2000	3,856,846	413,681	International enterprise	No	Water
LIFE96 ENV/IT/000065	Biocatalisis of organic polymers from washing operations of cinescopes	LIFE II	1996	1996	2000	628,222	173,655	International enterprise	No	Water
LIFE96 ENV/IT/000070	Evaluation of population exposure to benzene in order to establish concernantion limits in the air.	LIFE II	1996	1996	1999	1,988,215	783,375	Development agency	No	Air
LIFE96 ENV/IT/000075	Measures for reducing the use of Methyl Bromide for soil disinfestation and for anticipating its phasing out in order to protect the ozone layer and to reduce water and soil contamination	LIFE II	1996	1997	2000	464,773	232,386	University	No	Air

ld.	Title	LIFE generation	Funding year	Start year	End year	Total budget (EUR)	LIFE co- financing budget (EUR)	Beneficiary type	International partners (yes/no)	LIFE+ theme
LIFE96 ENV/IT/000080	Production of atomized material for use in ceramic industry, by the recycling of toxic-noxious waste products and tecnology able to reduce the environmental impact by decreasing the consumption of raw materials and energetic products	LIFE II	1996	1996	1999	1,999,556	376,543	SME	No	Natural resources and waste
LIFE96 ENV/IT/000084	Environmentally friendly tyre manufacturing process - Ecotyre	LIFE II	1996	1996	1999	1,119,621	334,337		No	Strategic Approaches
LIFE96 ENV/IT/000090	Development and dissemination of a new method of ecological selec- tion of urban solid wastes with the recycling	LIFE II	1996	1996	1999	927,996	445,924	SME	No	Natural resources and waste
LIFE96 ENV/IT/000103	Water data Acquisition in real Time for coastal Ecosystems	LIFE II	1996	1996	2000	3,218,562	719,332	Development agency	No	Soil
LIFE96 ENV/IT/000122	Innovative approach for the application of the EU legislation aimed to an environmental compatible development in urban and industrial areas through application of advanced decision support systems	LIFE II	1996	1997	2000	1,464,034	555,345	Local authority	No	Water
LIFE96 ENV/IT/000136	Pilot action to promote the in- volvement of italians tanneries in the EMAS system	LIFE II	1996	1996	2000	1,925,864	810,977		No	Strategic Approaches
LIFE96 ENV/IT/000142	Therpen recovery from oranges residus	LIFE II	1996	1997	1999	826,263	247,879	SME	No	Natural re- sources and waste



ld.	Title	LIFE generation	Funding year	Start year	End year	Total budget (EUR)	LIFE co- financing budget (EUR)	Beneficiary type	International partners (yes/no)	LIFE+ theme
LIFE96 ENV/IT/000154	New technologies replacing Asbestos with recycles materal	LIFE II	1996	1997	2000	5,348,451	861,222	SME	No	Natural re- sources and waste
LIFE97 ENV/IT/000018	Recovery and reutilization of the animal waste coming from the tanneries called 'Carniccio' with an innovative chemical-termal process.	LIFE II	1997	1997	1999	1,290,256	267,238	SME	No	Natural resources and waste
LIFE97 ENV/IT/000021	Hospital waste distillery	LIFE II	1997	1997	1998	857,680	233,361		No	Natural re- sources and waste
LIFE97 ENV/IT/000024	New technology capable of extending current application of bioremediation to soil contamined with chlorinated compounds, pesticides, PCBs and PAHs.	LIFE II	1997	1997	1999	298,307	87,312		No	Soil
LIFE97 ENV/IT/000033	Lightweight Aggregates from wastes.	LIFE II	1997	1997	2001	1,635,528	427,611	SME	No	Natural re- sources and waste
LIFE97 ENV/IT/000047	Process and product innovations for the manufactoring of double-fired ceramis tiles, intended to reduce the environmental impact due to gas emissions and the use of exhaustible natural resources (water&clay) and energy	LIFE II	1997	1996	1999	3,163,450	656,622	SME	No	Air
LIFE97 ENV/IT/000064	Social and environmental rehabilitation in the neighbourhood of Modena-Ciccarello - Local Agenda 21 - in the city of Reggio Calabria	LIFE II	1997	1997	2000	1,006,400	351,182		No	Urban envi- ronment



ld.	Title	LIFE generation	Funding year	Start year	End year	Total budget (EUR)	LIFE co- financing budget (EUR)	Beneficiary type	International partners (yes/no)	LIFE+ theme
LIFE97 ENV/IT/000072	RICAMA - Rational for integrated coastal area management	LIFE II	1997	1997	2001	1,290,256	563,842		No	Soil
LIFE97 ENV/IT/000091	The Children's City: demonstrative actions for sustainable development for the urban environment with children as catalysers of community participation and as parameters to measure the quality of life for everyone	LIFE II	1997	1998	2001	910,809	384,939	NGO- Foundation	No	Urban envi- ronment
LIFE97 ENV/IT/000095	Sustainable Waste Management in Rural Areas	LIFE II	1997	1997	2000	1,518,373	502,839		No	Natural re- sources and waste
LIFE97 ENV/IT/000096	Production of ecological leather with innovative chemicals and machineries	LIFE II	1997	1997	2000	1,497,110	365,060	SME	No	Natural re- sources and waste
LIFE97 ENV/IT/000106	demonstrative implementation on an innovative system of rational use and re-use of water in a resi- dential building in Bologna.	LIFE II	1997	1997	2002	1,285,095	637,386	Public enter- prise	No	Water
LIFE97 ENV/IT/000109	Ecomarket - Less waste in your shopping	LIFE II	1997	1997	1999	122,832	61,416	Local authority	No	Natural re- sources and waste
LIFE98 ENV/IT/000004	Mechanorecycling	LIFE II	1998	1998	2002	1,102,723	330,817		No	Natural re- sources and waste
LIFE98 ENV/IT/000006	The hyperbaric sublimation in the treatment of hazardous and non-hazardous wastes	LIFE II	1998	1998	2000	1,094,575	283,542	Mixt enterprise	No	Natural re- sources and waste



ld.	Title	LIFE generation	Funding year	Start year	End year	Total budget (EUR)	LIFE co- financing budget (EUR)	Beneficiary type	International partners (yes/no)	LIFE+ theme
LIFE98 ENV/IT/000010	Supplying local authorities and farmers with an innovative tool to support a sustainable agricultural production	LIFE II	1998	1998	2001	948,101	455,036	Regional au- thority	No	Strategic Approaches
LIFE98 ENV/IT/000029	GALVATEC - 2000	LIFE II	1998	1998	2000	2,499,163	706,155		No	Water
LIFE98 ENV/IT/000033	VAMP:Valorisation of building demolition materials and products	LIFE II	1998	1998	2001	989,359	494,680		No	Natural re- sources and waste
LIFE98 ENV/IT/000046	New glazing and decoration system for ceramic tiles by clean technology	LIFE II	1998	1997	1998	1,046,392	188,547		No	Natural re- sources and waste
LIFE98 ENV/IT/000068	Environmental, social and eco- nomical integration actions for a sustainable development	LIFE II	1998	1999	2001	411,767	196,222		No	Strategic Approaches
LIFE98 ENV/IT/000079	BO.FO.PO.LI Port of Leghorn's seabed reclamation	LIFE II	1998	1998	2001	1,168,067	584,033	Local authority	No	Water
LIFE98 ENV/IT/000098	Information System for the Orientation of Local Actions (I.S.O.L.A.)	LIFE II	1998	1998	2002	1,085,719	504,213	Local authority	No	Urban envi- ronment
LIFE98 ENV/IT/000119	Filiera PET.RINO - PET.RINO Cycle	LIFE II	1998	1998	2000	499,266	138,742		No	Strategic Approaches
LIFE98 ENV/IT/000132	Waste Based Reinforcing Materials.	LIFE II	1998	1998	2002	1,248,808	374,643	SME	No	Natural re- sources and waste
LIFE98 ENV/IT/000133	Surface Water Potabilisation (SWaP)	LIFE II	1998	1998	2001	1,353,155	603,148		No	Water



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LIFE98 ENV/IT/000153	'UNICUIQUE SUUM' - Concerted scheme for managing garbage spearted collection in the municipalities of the Comunità Montana della Riviera Spezzina	LIFE II	1998	1998	2000	356,633	131,726		No	Natural resources and waste
LIFE98 ENV/IT/000171	Innovative action of reforestry by means of environment restoration by using advanced biologic technologies of the areas covered with fire in San Mauro Cilento and Pollica (SA) territories	LIFE II	1998	1998	2001	838,585	419,293	Park-Reserve authority	No	Forests
LIFE99 ENV/IT/000002	Development of a new methodology for water quality control in land reclamation societies	LIFE II	1999	1999	2003	929,622	454,482	Local authority	No	Water
LIFE99 ENV/IT/000003	Sustainable and multifunctional management of Umbria coppices	LIFE II	1999	2000	2003	426,697	208,700	Local authority	No	Forests
LIFE99 ENV/IT/000004	Chromium sulfate and pickel solutions recovering, by means of thermocompression process	LIFE II	1999	1999	2003	1,438,797	424,744		No	Water
LIFE99 ENV/IT/000011	Mobile Incineration System with low emissions (SIMBE)	LIFE II	1999	1999	2001	650,281	192,915		No	Natural re- sources and waste
LIFE99 ENV/IT/000032	Making a pact with the environ- ment	LIFE II	1999	1999	2002	663,841	327,401	SME	No	Strategic Approaches
LIFE99 ENV/IT/000034	Use and reuse. The "processing centre" in the logistics of packaging of fresh fruit and vegetable products.	LIFE II	1999	1999	2002	1,486,363	610,323	SME	No	Natural resources and waste



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LIFE99 ENV/IT/000035	IN situ SPectroscopy : method for field fast analysis of heavy metals contaminations of soils	LIFE II	1999	1999	2002	708,579	193,873		No	Soil
LIFE99 ENV/IT/000041	Soil bioremediation 'on-site' - Recalcitrant organic compounds - New technology - Innovative biostimulants.	LIFE II	1999	1999	2001	504,217	252,108		No	Soil
LIFE99 ENV/IT/000047	Sustainability of coastal districts economy in apulia	LIFE II	1999	1999	2002	520,072	254,303		No	Soil
LIFE99 ENV/IT/000048	Closed Loop System with Ecoln- dustrial District - CLOSED	LIFE II	1999	1999	2002	1,054,605	413,166	Development agency	No	Natural re- sources and waste
LIFE99 ENV/IT/000050	ZERO/RUP- elimination of urban hazard waste. The municipal waste enterprises in 15 italian towns carry out the experimentations new separated collection inside the shops, that sale goods destined to produce urban hazard waste.	LIFE II	1999	1999	2002	868,422	407,872	NGO- Foundation	No	Natural resources and waste
LIFE99 ENV/IT/000051	ALEA (accompanying the midterritory of the two Lakes towards Ecoturism actions)	LIFE II	1999	1999	2002	475,089	236,174	NGO- Foundation	No	Strategic Approaches
LIFE99 ENV/IT/000063	Pleurotus	LIFE II	1999	1999	2002	809,815	273,082	SME	No	Water



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LIFE99 ENV/IT/000074	New technology for the production of thermal-insulation, sound proofing and anti-vibrating products to be used in the civil and industrial building industry, obtained from the compacting of rubber granules coming out from used tyres.	LIFE II	1999	1999	2001	697,217	206,841		No	Strategic Approaches
LIFE99 ENV/IT/000078	Pïlot phytoremediation system for the clean up of lead-polluted soils	LIFE II	1999	1999	2003	1,036,240	512,955	Research institutions	No	Soil
LIFE99 ENV/IT/000081	Development of a high spatial resolution atmospheric monitoring model to verify the actual emission reduction of ozone precursors foreseen by 'Auto-Oil' program (RESOLUTION)	LIFE II	1999	1999	2002	2,115,147	614,706	Development agency	Yes	Air
LIFE99 ENV/IT/000083	Wooded Buffer Strips in rural areas	LIFE II	1999	1999	2002	805,146	350,824	Local authority	No	Water
LIFE99 ENV/IT/000089	Train powder coating	LIFE II	1999	1999	2001	1,084,559	216,912		No	Air
LIFE99 ENV/IT/000097	Environmental restoration of woods in Veneto region mountain areas	LIFE II	1999	1999	2003	955,445	364,358	Regional authority	No	Forests
LIFE99 ENV/IT/000099	The experimental project for ecological improvements and pollution abatement in the various production departments and for reutilisation of the organic part of Solid Urban Waste (SUW) from the Faenza area, in the distillery at Faenza (RA)	LIFE II	1999	1999	2002	1,537,595	461,279		No	Natural resources and waste



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LIFE99 ENV/IT/000115	Alter Sicania - Alternative Management of tourist mobility	LIFE II	1999	1999	2002	940,468	347,575		No	Urban envi- ronment
LIFE99 ENV/IT/000121	(Ecology of Energy and Environ- mental Renovation). Pilot Activity for the Spreading of Bio- Architecture.	LIFE II	1999	2000	2004	746,280	294,703	Local authority	No	Strategic Approaches
LIFE99 ENV/IT/000122	Technology Transfer of low envi- ronmental impact ink jet printing for the production of textile prod- ucts - TIEPRINT.	LIFE II	1999	1999	2002	1,415,092	368,130	SME	No	Natural re- sources and waste
LIFE99 ENV/IT/000131	Environmental Control Observa- tory. Exploration of Pollution Lev- els on the Road for Ecological Realtime Survey	LIFE II	1999	1999	2003	1,367,784	394,532	SME	No	Strategic Approaches
LIFE99 ENV/IT/000153	Realization of an asbestos hazard map by historical data and monitoring of industrial sites dedicated to asbestos processing and utilization.	LIFE II	1999	1999	2003	863,516	389,667	Research institutions	No	Natural resources and waste
LIFE99 ENV/IT/000155	Techniques for the assessment of the operating conditions and the control of the efficiency of Sea Outfalls at the service of coastal WWTP - Waste Water Treatment Plants using underwater sensors and acoustic telemetry systems.	LIFE II	1999	1999	2002	934,787	405,233	Local authority	No	Water



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LIFE00 ENV/IT/000005	High temporal resolution urban monitoring of benzene, 1,3-butadiene and methylterbutylether and other volatile organic compounds: an idea to do it at low cost and high reliability	LIFE II	2000	2001	2004	744,922	215,797	Research insti- tutions	No	Air
LIFE00 ENV/IT/000010	Realisation of a sustainable tourism project in the Council of Jesolo with the application of an Integrated Product Policy (IPP) model.	LIFE II	2000	2001	2004	862,590	418,420	Local authority	No	Strategic Approaches
LIFE00 ENV/IT/000012	Absorption and recovery of sulphur from flue gas of the Fluid Catalytic Cracking (FCC), by a special reusable buffer	LIFE II	2000	2001	2005	8,767,105	1,229,079	Public enter- prise	No	Air
LIFE00 ENV/IT/000019	Integrated management systems of the Petrignano area : new models against the nitrates pollution	LIFE II	2000	2001	2006	1,127,150	510,792	Development agency	No	Water
LIFE00 ENV/IT/000034	Ecofriendly Furniture	LIFE II	2000	2000	2003	1,526,157	676,988	SME	No	Strategic Approaches
LIFE00 ENV/IT/000054	GIS-based planning tool for greenhouse gases emission reduction through biomass exploitation	LIFE II	2000	2001	2004	442,488	215,390	Research institutions	No	Climate change
LIFE00 ENV/IT/000064	Ecological upgrading and tourist promotion of lake Fimon basin Eco-Fimon	LIFE II	2000	2001	2005	1,236,384	614,706	Local authority	No	Water



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LIFE00 ENV/IT/000065	Planning and implementation of integrated methods for restoration of the catchment in Val Sellustra (Italy)	LIFE II	2000	2001	2004	379,337	145,898	Local authority	No	Water
LIFE00 ENV/IT/000080	Integrated Multi-Objective System for optimal management of urban drainage	LIFE II	2000	2001	2004	469,374	469,374	Local authority	No	Water
LIFE00 ENV/IT/000090	Sea-Land System: concerted Actions for the Coastal Zone Management	LIFE II	2000	2001	2004	1,332,828	541,170	Local authority	Yes	Soil
LIFE00 ENV/IT/000132	Tovel - a concerted model of sustainable development of tourism	LIFE II	2000	2001	2004	1,130,879	472,287	Local authority	No	Strategic Approaches
LIFE00 ENV/IT/000144	City Environmental Accountability and Reporting (CLEAR)	LIFE II	2000	2001	2004	1,928,664	964,315	Local authority	No	Urban envi- ronment
LIFE00 ENV/IT/000167	Strategies and Tools Toward Sustainable Tourism in Mediterranean Coastal Areas	LIFE II	2000	2000	2004	1,136,400	559,200	Local authority	Yes	Strategic Approaches
LIFE00 ENV/IT/000174	The implementation of the ecomanagement audit scheme (EMAS) in the management of high-growth tourist areas	LIFE II	2000	2001	2003	1,711,775	485,875		Yes	Strategic Approaches
LIFE00 ENV/IT/000184	Integrated Environmental Management in the tannery district of Chiampo Valley (Italy)	LIFE II	2000	2001	2004	730,590	616,814	Local authority	No	Strategic Approaches
LIFE00 ENV/IT/000191	Planning and restoring of Cinque Terre costal traditional agricoltural landscape	LIFE II	2000	2001	2004	701,752	271,470	Park-Reserve authority	No	Soil



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LIFE00 ENV/IT/000192	Pilot action for promoting EMAS among Local Bodies operating on a large territory (Provinces and main Municipalities) in TANDEM with Local Agenda 21	LIFE II	2000	2001	2004	996,361	498,182	Local authority	No	Strategic Approaches
LIFE00 ENV/IT/000213	Development of a clean coating technology pvd for decorative applications on metal components in place of the traditional (galvanic) coating technologies	LIFE II	2000	2001	2004	4,604,744	1,004,923	SME	No	Chemicals
LIFE00 ENV/IT/000215	T O R R E - Organized tourism recover rural ecology	LIFE II	2000	2001	2005	582,752	265,629	Local authority	No	Strategic Approaches
LIFE00 ENV/IT/000223	New technologies for husks and waste waters recycling	LIFE II	2000	2001	2005	1,075,006	298,868	Park-Reserve authority	No	Natural re- sources and waste
LIFE02 ENV/IT/000015	Experimental testing and diffusion of EMS in the Port of Livorno	LIFE III	2002	2002	2004	293,356	138,928	Public enter- prise	No	Strategic Approaches
LIFE02 ENV/IT/000017	The Park and The Town : Eco Resources Network	LIFE III	2002	2002	2006	671,394	335,697	Park-Reserve authority	No	Soil
LIFE02 ENV/IT/000018	Health impact assessment as integrated territory planning tool	LIFE III	2002	2002	2004	269,366	114,163	Regional au- thority	No	Strategic Approaches
LIFE02 ENV/IT/000019	Setting up of a decision support system and of a set of procedures to integrate environmental issues in municipalities programs and planning: pilot case some Garda municipalities	LIFE III	2002	2002	2005	745,560	372,780	SME	No	Urban envi- ronment
LIFE02 ENV/IT/000023	GPPnet Green Public Procure- ment Network	LIFE III	2002	2002	2005	852,330	398,000	Regional au- thority	No	Strategic Approaches



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LIFE02 ENV/IT/000034	Demonstrating the industrial viability of a medium size biomass cogeneration plant to distribute heat and electricity in a mountain rural area	LIFE III	2002	2002	2006	4,280,150	840,796	International enterprise	No	Air
LIFE02 ENV/IT/000049	Water Management At River Basin Scale	LIFE III	2002	2002	2006	1,200,569	530,145	Public enter- prise	No	Water
LIFE02 ENV/IT/000052	A new dry process of microfinishing of gres porcelain and natural stone surfaces, which will substitute the stage of smoothing/polishing, drastically decreasing the environmental impact of this stage, to aim for a sustainable development	LIFE III	2002	2002	2006	2,670,475	733,704	SME	No	Strategic Approaches
LIFE02 ENV/IT/000064	The application of innovative photovoltaic technology to the railway trains	LIFE III	2002	2002	2006	1,252,972	616,111	Public enter- prise	No	Air
LIFE02 ENV/IT/000065	Development of an environmental management system for the industrial area of Udine and the surrounding urban-productives areas	LIFE III	2002	2002	2005	476,730	238,365	Local authority	No	Strategic Approaches
LIFE02 ENV/IT/000079	0	LIFE III	2002	2002	2007	1,749,492	548,410	Local authority	No	Water



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LIFE02 ENV/IT/000089	Sustainable fertilisation of an intensive horticultural basin through an innovative management system of the local vegetal waste biomass utilising an existing composting plant and supporting a permanent info-structure	LIFE III	2002	2002	2006	1,071,454	532,817	Research institutions	No	Natural resources and waste
LIFE02 ENV/IT/000092	EMAS II Certification of the Comunita' Montana	LIFE III	2002	2002	2005	187,000	93,000	Local authority	No	Strategic Approaches
LIFE02 ENV/IT/000106	The Green Ray of Novara	LIFE III	2002	2002	2006	4,324,532	1,060,000	Local authority	No	Air
LIFE02 ENV/IT/000111	Pilot testing and demonstration actions to implement EMAS on the territorial scale in the Tuscia Romana District	LIFE III	2002	2002	2006	919,511	436,953	Regional authority	No	Strategic Approaches
LIFE02 ENV/IT/000112	Divided Packaging Management for Tourist Use	LIFE III	2002	2002	2004	233,781	229,636	Mixt enterprise	No	Natural re- sources and waste
LIFE03 ENV/IT/000319	Smart and Innovative Demonstration of Demand Handy Responsive Transport Application to improve the quality of the urban environment.	LIFE III	2003	2003	2006	1,327,388	572,819	SME	No	Air
LIFE03 ENV/IT/000321	Elimination of PCBs from the Food Chain through Bioremediation of agricultural superficies.	LIFE III	2003	2003	2007	600,000	300,000	Regional authority	No	Soil
LIFE03 ENV/IT/000323	Filtering of Asbestos fibres in Leachate from hazardous waste Landfills	LIFE III	2003	2003	2007	825,642	396,861	University	No	Natural re- sources and waste



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LIFE03 ENV/IT/000324	Definition of an EPD system that can be applied at international level and its implementation in two pilot countries (Sweden and Italy)	LIFE III	2003	2003	2005	2,799,836	1,380,372	SME	No	Strategic Approaches
LIFE03 ENV/IT/000327	Production and use of high quality compost in the Ferrara area: optimisation of the flow of wastes and agricultural/environmental monitoring.	LIFE III	2003	2003	2008	1,510,809	669,529	SME	No	Natural resources and waste
LIFE03 ENV/IT/000333	Environmental certification of water resource distributed by waterworks systems.	LIFE III	2003	2003	2007	1,129,723	560,791	Regional authority	No	Strategic Approaches
LIFE03 ENV/IT/000336	Advanced and environmental- friendly manufacturing technology for the treatment of cellulose pastes & their consequent conver- sion into paper sheets.	LIFE III	2003	2003	2007	3,639,500	954,975	SME	No	Water
LIFE03 ENV/IT/000343	Designing local market for specific polluting emissions (SO², NOx, CO²) : a pilot project for air quality control in Lombardia	LIFE III	2003	2003	2006	562,554	251,278	University	No	Air
LIFE03 ENV/IT/000366	Shallow Landslides Investigation Device: a tool to assess land susceptibility to shallow landslides for agricultural and urban planning in rural areas	LIFE III	2003	2003	2007	367,098	116,598	University	No	Urban envi- ronment
LIFE03 ENV/IT/000377	Biodegradable coverages for sustainable agriculture	LIFE III	2003	2003	2006	1,782,180	805,340	Research institutions	No	Strategic Approaches



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LIFE03 ENV/IT/000379	Planning and valorization of the territory by introducing, in the Gargano national park, an environment management system certified by EMAS and an "Environment sustainable budget"	LIFE III	2003	2003	2006	650,000	301,000	Development agency	No	Strategic Approaches
LIFE03 ENV/IT/000390	Rome Recycles	LIFE III	2003	2002	2006	548,100	219,240	SME	No	Natural re- sources and waste
LIFE03 ENV/IT/000393	Shipping with EMAS	LIFE III	2003	2003	2006	1,324,173	657,087	SME	No	Strategic Approaches
LIFE03 ENV/IT/000421	Paper Industry Operating in Network: an experiment for Emas Revision	LIFE III	2003	2003	2006	1,224,382	612,191	Local authority	No	Strategic Approaches
LIFE04 ENV/IT/000409	A new application of phytodepuration as a treatment for the olive mill waste water disposal	LIFE III	2004	2004	2008	582,900	288,488	Research insti- tutions	No	Water
LIFE04 ENV/IT/000414	New Eco Spray System	LIFE III	2004	2004	2008	3,237,800	846,090	SME	No	Air
LIFE04 ENV/IT/000424	Management of urbanization processes of coastal areas. From the regional urban plan to bottom-up participation	LIFE III	2004	2004	2008	2,366,000	1,183,000	Regional au- thority	No	Soil
LIFE04 ENV/IT/000437	Playground harbour and research of sustainability	LIFE III	2004	2004	2007	1,444,986	722,493	Regional au- thority	No	Strategic Approaches
LIFE04 ENV/IT/000442	LIFE-Environment Interventions for Fraschetta Area: innovative measures for the improvement of air quality and the reduction of noise in Fraschetta area	LIFE III	2004	2003	2006	1,041,396	484,119	Local authority	No	Air



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LIFE04 ENV/IT/000446	A sustainable development plan for Pianalto	LIFE III	2004	2004	2008	599,749	180,175	NGO- Foundation	No	Urban envi- ronment
LIFE04 ENV/IT/000453	Realization of Rome's Action Plan to achieve the Kyoto's Protocol objective of Green House Gas Reduction	LIFE III	2004	2004	2009	2,285,250	1,085,125	Local authority	No	Climate change
LIFE04 ENV/IT/000454	Optimisation of nitrogen management for groundwater quality improvement and conservation	LIFE III	2004	2004	2008	754,212	374,354	Mixt enterprise	No	Water
LIFE04 ENV/IT/000463	Biodegradable Materials for Sustainable agriculture and tourism	LIFE III	2004	2004	2008	1,529,368	726,147	Public enter- prise	No	Natural resources and waste
LIFE04 ENV/IT/000478	Voluntary Environmental Tools for the continuous improvement of a district	LIFE III	2004	2004	2007	910,225	452,613	Public enter- prise	No	Strategic Approaches
LIFE04 ENV/IT/000479	Environmental Management through Monitoring and Modelling of Anoxia	LIFE III	2004	2004	2008	1,858,089	903,709	Research institutions	No	Soil
LIFE04 ENV/IT/000480	Demonstrative project for the Envi- ronmental Product Declaration: the flowers of Terlizzi and the local eco-label 'Eco-Flower Terlizzi'	LIFE III	2004	2004	2007	820,000	370,500	Local authority	No	Strategic Approaches
LIFE04 ENV/IT/000488	EMAS for tourism in internal and coastal area: integrated management	LIFE III	2004	2004	2007	1,381,910	690,955	Regional au- thority	No	Strategic Approaches
LIFE04 ENV/IT/000489	Self-financing protected areas	LIFE III	2004	2004	2008	1,455,000	724,000	Public enter- prise	No	Soil
LIFE04 ENV/IT/000494	Integration of Agenda 21 and EMAS in a wide area with relevant ecological value	LIFE III	2004	2004	2007	700,505	350,252	Public enter- prise	No	Strategic Approaches



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LIFE04 ENV/IT/000500	Water-bearing characterization with integrated methodologies	LIFE III	2004	2004	2007	1,172,659	560,869	Research institutions	No	Water
LIFE04 ENV/IT/000503	Serchio River alimented well-fields integrated rehabilitation	LIFE III	2004	2004	2007	2,419,427	1,125,254	Local authority	No	Water
LIFE04 ENV/IT/000524	Sustainable industrial area model	LIFE III	2004	2004	2008	2,494,638	1,233,819	Public enter- prise	No	Strategic Approaches
LIFE04 ENV/IT/000526	Sustainable EMAS North Milan	LIFE III	2004	2004	2007	1,000,000	500,000	Development agency	No	Strategic Approaches
LIFE04 ENV/IT/000538	Integrated pole for recycling and valorization of waste.	LIFE III	2004	2003	2006	1,350,000	300,000	SME	No	Natural re- sources and waste
LIFE04 ENV/IT/000547	Demonstrating the reduction of greenhouse gases and air pollution through a homeostatic mobility planning aiming at road traffic balancing	LIFE III	2004	2004	2007	1,599,348	767,174	Local authority	No	Climate change
LIFE04 ENV/IT/000565	Sustainable highway development in rural areas	LIFE III	2004	2004	2008	1,420,797	702,198	Mixt enterprise	No	Strategic Approaches
LIFE04 ENV/IT/000583	Sustainable water management in the textile wet industry through an innovative treatment process for wastewater re-use	LIFE III	2004	2004	2007	2,194,914	1,059,332	Research institutions	No	Water
LIFE04 ENV/IT/000588	Dissemination of IPP tools in the furniture industry	LIFE III	2004	2004	2007	1,100,520	545,760	Regional au- thority	No	Strategic Approaches
LIFE04 ENV/IT/000589	New clean technology for the decoration of all kinds of ceramic surfaces, whether flat or textured, with a minimal use of raw noble materials	LIFE III	2004	2004	2008	3,116,450	860,310	SME	No	Natural re- sources and waste



ld.	Title	LIFE generation	Funding year	Start year	End year	Total budget (EUR)	LIFE co- financing budget (EUR)	Beneficiary type	International partners (yes/no)	LIFE+ theme
LIFE04 ENV/IT/000594	Sun and wind	LIFE III	2004	2004	2009	1,799,999	893,250	Local authority	No	Climate change
LIFE04 ENV/IT/000595	PNEUMA (Pneumatic Uninterruptible Machine) System: Un Uninterruptible Pneumatic Power Generator	LIFE III	2004	2004	2006	4,134,178	1,226,753	Development agency	No	Natural resources and waste
LIFE04 ENV/IT/000598	New ESD (eco-sustainable drawing) system, environment-friendly to process steel wire rods / by-products, eliminating the current pickling practice and the related chemical fumes possessing a high environmental impact substituting the	LIFE III	2004	2004	2008	3,848,250	964,725	SME	No	Air
LIFE05 ENV/IT/000801	Biocharbased co-generation alternative	LIFE III Extension	2005	2005	2008	6,680,260	1,373,178	International enterprise	No	Climate change
LIFE05 ENV/IT/000808	Integration and Development of Environmental Managemen Systems	LIFE III Extension	2005	2005	2009	815,000	407,500	Local authority	No	Urban envi- ronment
LIFE05 ENV/IT/000812	Project for recovery and reuse of industrial waters and trivalent chromium generated by tannery waste processing	LIFE III Extension	2005	2005	2009	7,475,000	1,500,000	SME	No	Natural re- sources and waste
LIFE05 ENV/IT/000839	Clean-Distribution of goods in Specimen Areas at the last mile of the intermodal Transport Chain	LIFE III Extension	2005	2005	2008	1,435,000	717,500	Regional authority	No	Urban envi- ronment
LIFE05 ENV/IT/000845	New technologies for husks and waste water recycling plus	LIFE III Extension	2005	2005	2010	4,886,944	1,061,380	Park-Reserve authority	No	Natural re- sources and waste



ld.	Title	LIFE generation	Funding year	Start year	End year	Total budget (EUR)	LIFE co- financing budget (EUR)	Beneficiary type	International partners (yes/no)	LIFE+ theme
LIFE05 ENV/IT/000846	Best Available Technique for water reuse in TextiLE SMEs	LIFE III Extension	2005	2005	2009	2,055,344	965,902	National au- thority	No	Natural re- sources and waste
LIFE05 ENV/IT/000868	A new technology for treating mu- nicipal and/or industrial wastewa- ter with low environmental impact	LIFE III Extension	2005	2005	2009	624,784	294,714	Research institutions	No	Water
LIFE05 ENV/IT/000870	Centre for Eco-Friendly City Freight Distribution	LIFE III Extension	2005	2005	2008	1,423,204	711,602	Local authority	No	Climate change
LIFE05 ENV/IT/000874	Greenhouse effect reduction from landfill gas	LIFE III Extension	2005	2005	2008	217,497	107,949	University	No	Climate change
LIFE05 ENV/IT/000875	Polishing Sludge Valorisation	LIFE III Extension	2005	2005	2009	9,436,000	1,832,175	International enterprise	No	Natural re- sources and waste
LIFE05 ENV/IT/000876	Novel Technology to Reduce Greenhouse Gas Emissions	LIFE III Extension	2005	2005	2008	1,340,389	402,117	SME	No	Climate change
LIFE05 ENV/IT/000894	ENhanced and SUstainable TReatment for URban Stormwater	LIFE III Extension	2005	2005	2009	1,394,339	673,673	Local authority	No	Water
LIFE05 ENV/IT/000907	Abrasive-abraded sludge trans- formation into "abrading paste", to be re-inserted in the bull-nose manufacturing cycle, by means of an innovative, self-feeding and environmental-friendly "polymeric passive wheel" system	LIFE III Extension	2005	2005	2009	756,500	217,125	SME	No	Natural resources and waste
LIFE05 ENV/IT/000911	Volatile Organic Compouns Free Decals - Eliminating toxic, harmful and/or dangerous chemical substances from the manufacturing of industrial decal transfers.	LIFE III Extension	2005	2005	2008	623,034	46,163	SME	No	Chemicals



ld.	Title	LIFE generation	Funding year	Start year	End year	Total budget (EUR)	LIFE co- financing budget (EUR)	Beneficiary type	International partners (yes/no)	LIFE+ theme
LIFE05 ENV/IT/000937	Strategy for agricultural products identify defence. Wide area protection of agriculture products identity from Gmo pollution	LIFE III Extension	2005	2005	2009	811,750	400,000	Public enter- prise	No	Soil
LIFE06 ENV/IT/000235	A new automated method for the analysis of Escherichia coli in wastewater effluent	LIFE III Extension	2006	2006	2010	597,345	298,673	Research insti- tutions	No	Water
LIFE06 ENV/IT/000241	Forget fibreglass reinforced: process and product clean innovation in building of big containers	LIFE III Extension	2006	2006	2010	1,999,600	882,925	SME	No	Strategic Approaches
LIFE06 ENV/IT/000254	Ultrasound micro-cut ecosustain- able	LIFE III Extension	2006	2006	2010	3,849,130	1,026,864	SME	No	Natural re- sources and waste
LIFE06 ENV/IT/000255	Actions for systemic aquifer protection: implementation and demonstration of a Protocol to scale down groundwater vulnerability to pollution due to overexploitation	LIFE III Extension	2006	2006	2010	2,445,207	1,095,416	Mixt enterprise	No	Water
LIFE06 ENV/IT/000257	Vegetable oil initiative for a cleaner environment	LIFE III Extension	2006	2006	2010	3,381,123	1,685,655	University	No	Air
LIFE06 ENV/IT/000266	Integrated systems to enhance sequestration of carbon, producing energy crops by using organic residues	LIFE III Extension	2006	2006	2010	1,917,051	955,989	Research institutions	No	Climate change
LIFE06 ENV/IT/000332	Minimising the Environmental impact of GLASS recycling and glass container production	LIFE III Extension	2006	2005	2009	6,093,727	1,300,118	SME	No	Natural re- sources and waste



Table 3 Overview of LIFE Nature Projects in Italy

ld.	Title	LIFE generation	Funding year	Start year	End year	Total budget (EUR)	LIFE co- financing (EUR)	Beneficiary type	International partners (yes/no)	Directive (Birds, Habitats) or biodiversity
LIFE96 NAT/IT/003052	Protection and fruition of the sites of the Mont Avic Park included in the Na- ture 2000 Program.	LIFE II	1996	1997	2001	491,885	245,943	Park-Reserve authority	No	Habitats
LIFE96 NAT/IT/003060	Fontane Bianche sources of Lancenigo Programme.	LIFE II	1996	1996	2001	417,870	208,935	Local author- ity	No	Habitats
LIFE96 NAT/IT/003066	Actions to be taken in the Castellaro Lagusello oriented natural reserve.	LIFE II	1996	1997	2001	307,135	153,567	Park-Reserve authority	No	Habitats
LIFE96 NAT/IT/003068	Proposed sites of conservation importance (SCIs - Bioitaly) environment restoration on the Groane Regional Park.	LIFE II	1996	1997	2001	1,175,964	587,982	Park-Reserve authority	No	Habitats
LIFE96 NAT/IT/003073	Active preservation of the natural reserve Valli del Mincio.	LIFE II	1996	1997	2000	267,437	133,718	Park-Reserve authority	No	Habitats
LIFE96 NAT/IT/003074	The National Park of Stelvio: Urgent measures for nature conservation.	LIFE II	1996	1997	2001	647,700	323,850	Park-Reserve authority	No	Birds
LIFE96 NAT/IT/003075	Caves and bats conserva- tion in woodlands and seminatural dry grasslands and scrublands facies on calcareous substrates managment.	LIFE II	1996	1997	2001	712,469	320,611	Park-Reserve authority	No	Habitats

ld.	Title	LIFE generation	Funding year	Start year	End year	Total budget (EUR)	LIFE co- financing (EUR)	Beneficiary type	International partners (yes/no)	Directive (Birds, Habitats) or biodiversity
LIFE96 NAT/IT/003106	GILIA (a hagiotoponym originating in the early Middle Ages and used to identify the Cagliari Wetlands in their entirety).	LIFE II	1996	1997	2002	2,662,356	1,331,178	Local author- ity	No	Birds
LIFE96 NAT/IT/003115	Preservation and conservation of Canis Lupus populations through biological surveys and nonpoaching actions.	LIFE II	1996	1997	1999	329,073	148,083	Park-Reserve authority	No	Habitats
LIFE96 NAT/IT/003152	URSUS Project : Brenta brown bear conservation plan.	LIFE II	1996	1996	2001	532,965	319,799	Park-Reserve authority	No	Habitats
LIFE96 NAT/IT/003165	Urgent actions for the protection of the Sardinian steppic habitats.	LIFE II	1996	1997	2001	579,638	434,729	NGO- Foundation	No	Birds
LIFE96 NAT/IT/003169	Conservation of priority habitats with Abies alba in Natura 2000 Sites in central and southern Italy.	LIFE II	1996	1997	2000	539,276	269,638	NGO- Foundation	No	Habitats
LIFE96 NAT/IT/003170	Interventions for the conservation and management of Palude Brabbia.	LIFE II	1996	1997	1999	417,870	208,935	NGO- Foundation	No	Birds
LIFE96 NAT/IT/003171	Conservation of the Site Natura 2000 Monte Lattias in Sardinia.	LIFE II	1996	1997	2001	483,977	241,989	NGO- Foundation	No	Habitats



ld.	Title	LIFE generation	Funding year	Start year	End year	Total budget (EUR)	LIFE co- financing (EUR)	Beneficiary type	International partners (yes/no)	Directive (Birds, Habitats) or biodiversity
LIFE97 NAT/IT/004089	N.EC.TO.N Project (New Ecosystems on the Noce River): urgent action for renaturalisation in the La Rocchetta biotope (Trentino, Italy)	LIFE II	1997	1997	2001	426,763	170,705	Local author- ity	No	Habitats
LIFE97 NAT/IT/004097	Priority measures for the conservation of large carnivores in the Alps	LIFE II	1997	1998	2001	806,821	395,342	NGO- Foundation	No	Habitats
LIFE97 NAT/IT/004108	Biocenosis requalification in Valvestino-Corno della Marogna	LIFE II	1997	1998	2001	599,981	299,990	Regional authority	No	Habitats
LIFE97 NAT/IT/004115	Conservation actions for Apennines beech forest with Taxus and Ilex, and Ursus arctos marsicanus improvement	LIFE II	1997	1997	2002	439,376	263,626	Local authority	No	Habitats
LIFE97 NAT/IT/004125	Ventotene/S. Stefano : example of conservation and development	LIFE II	1997	1997	2001	235,988	117,994	NGO- Foundation	No	Habitats
LIFE97 NAT/IT/004127	Restoration of Massaciuc- coli as a carrying site for the bittern	LIFE II	1997	1997	2001	741,353	370,677	Park-Reserve authority	No	Birds
LIFE97 NAT/IT/004132	Restore and safeguard of endangered habitats in Tevere-Farfa Natural Reserve	LIFE II	1997	1997	1999	316,515	151,927	Park-Reserve authority	No	Birds
LIFE97 NAT/IT/004134	Restoration of alluvial woods and oak woods along the Ticino River	LIFE II	1997	1997	2001	353	173	Park-Reserve authority	No	Habitats



ld.	Title	LIFE generation	Funding year	Start year	End year	Total budget (EUR)	LIFE co- financing (EUR)	Beneficiary type	International partners (yes/no)	Directive (Birds, Habitats) or biodiversity
LIFE97 NAT/IT/004140	Dune di Piscinas-Monte Arcuentu	LIFE II	1997	1997	2002	788,030	535,861	Local author- ity	No	Habitats
LIFE97 NAT/IT/004141	Conservation of wolf and bear in the new parks of Central Apennines	LIFE II	1997	1998	2002	1,092,389	819,292	NGO- Foundation	No	Habitats
LIFE97 NAT/IT/004143	Conservation and increase of the Abruzzo chamois - Rupicapra ornata - in "NATURA 2000 Sites" of the Gran Sasso	LIFE II	1997	1998	2001	308,876	185,326	Park-Reserve authority	No	Habitats
LIFE97 NAT/IT/004145	Strategic area of "Pian della Faggeta": urgent actions of protection of priority habitat and planning of the agricultural and touristic activities	LIFE II	1997	1997	2002	411,835	205,918	Local authority	No	Habitats
LIFE97 NAT/IT/004153	Capraia and other small islands of the Tuscan Archipelago: biological diversity conservation	LIFE II	1997	1998	2001	451,668	225,834	Regional au- thority	No	Birds
LIFE97 NAT/IT/004159	Actions on Sites of the NATURA 2000 Network in the Mediterranean region	LIFE II	1997	1997	2000	794,366	397,183	Public enter- prise	No	Habitats
LIFE97 NAT/IT/004163	Conservation acts for Apennine Abies alba and Picea excelsa forests and Apennine beech forests with Abies alba	LIFE II	1997	1998	2002	458,166	229,083	Regional au- thority	No	Habitats



ld.	Title	LIFE generation	Funding year	Start year	End year	Total budget (EUR)	LIFE co- financing (EUR)	Beneficiary type	International partners (yes/no)	Directive (Birds, Habitats) or biodiversity
LIFE97 NAT/IT/004171	Monitoring and manage- ment of the wetlands in- cluded in the NATURA 2000 program	LIFE II	1997	1997	2002	463,314	231,657	Regional authority	No	Habitats
LIFE97 NAT/IT/004177	Prooject for S'Ena Arrubia Lagoon Conservation and Integrated management (Oristano, Sardegna)	LIFE II	1997	1997	2001	507,070	253,535	Local authority	No	Biodiversity
LIFE98 NAT/IT/005032	Lake Caldaro - an oasis for migratory birds in the heart of the Alps	LIFE II	1998	1999	2001	285,992	142,996	Local authority	No	Habitats
LIFE98 NAT/IT/005037	V. Curone - V. S. Croce : protection priority habitats	LIFE II	1998	1997	2001	256,588	127,267	Park-Reserve authority	No	Habitats
LIFE98 NAT/IT/005044	Naturalistic management in the Bitto Valley of Gerola	LIFE II	1998	1999	2002	644,801	322,401	Regional au- thority	No	Habitats
LIFE98 NAT/IT/005047	RI.S.MA. Ambiental Revise of Natural Reserve Sasso Malascarpa	LIFE II	1998	1999	2002	358,507	179,254	Regional au- thority	No	Habitats
LIFE98 NAT/IT/005053	The Aspromonte project : protection and recovery of threatened prioritary habitats	LIFE II	1998	1998	2002	439,059	219,529	Park-Reserve authority	No	Habitats
LIFE98 NAT/IT/005066	Springs of the river Stella project	LIFE II	1998	1998	2003	870,661	435,330	Regional au- thority	No	Habitats
LIFE98 NAT/IT/005075	Environmental restoration of the area of the river Arno offsprings	LIFE II	1998	1999	2001	246,346	123,173	Park-Reserve authority	No	Habitats



ld.	Title	LIFE generation	Funding year	Start year	End year	Total budget (EUR)	LIFE co- financing (EUR)	Beneficiary type	International partners (yes/no)	Directive (Birds, Habitats) or biodiversity
LIFE98 NAT/IT/005089	Conservation of forests in "Conero Natural Regional Park"	LIFE II	1998	1998	2001	639,398	242,971	Park-Reserve authority	No	Habitats
LIFE98 NAT/IT/005093	Urgent safeguard actions for the SCI areas within the future Gennargentu N. P.	LIFE II	1998	1999	2002	715,990	451,074	Local author- ity	No	Habitats
LIFE98 NAT/IT/005094	Protection of the priority habitats and species within the SCI areas in Southern Italy	LIFE II	1998	1999	2001	302,683	151,341	NGO- Foundation	No	Habitats
LIFE98 NAT/IT/005095	Urgent actions for the con- servation of Common Spade-foot Pelobates fus- cus insubricus	LIFE II	1998	1998	2002	353,386	176,693	NGO- Foundation	No	Habitats
LIFE98 NAT/IT/005112	Integrated plan of action to protect two NATURA 2000 sites	LIFE II	1998	1999	2002	665,799	332,900	University	No	Habitats
LIFE98 NAT/IT/005114	Urgent actions for Bear in the SIC of the Sirente-Velino Regional Park	LIFE II	1998	1998	2002	640,650	352,358	Park-Reserve authority	No	Habitats
LIFE98 NAT/IT/005117	Maremma Park : man- agement of wetlands and sand dunes	LIFE II	1998	1998	2002	512,153	230,469	Park-Reserve authority	No	Habitats
LIFE98 NAT/IT/005121	Urgent actions for the NATURA 2000 sites protection in the Gargano N. P.	LIFE II	1998	1999	2002	739,550	369,775	Park-Reserve authority	No	Birds
LIFE98 NAT/IT/005125	Protection of biodiversity in Tuscan Valtiberina	LIFE II	1998	1999	2002	435,330	217,665	Local author- ity	No	Habitats



ld.	Title	LIFE generation	Funding year	Start year	End year	Total budget (EUR)	LIFE co- financing (EUR)	Beneficiary type	International partners (yes/no)	Directive (Birds, Habitats) or biodiversity
LIFE98 NAT/IT/005130	Safeguard of the habitat and nesting places in Delta of the Po	LIFE II	1998	1998	2002	336,331	168,166	Local author- ity	No	Habitats
LIFE98 NAT/IT/005133	Peregrine	LIFE II	1998	1998	2003	1,331,599	665,799	Local author- ity	No	Habitats
LIFE98 NAT/IT/005136	Beigua: urgent interventions for priority grasslands	LIFE II	1998	1999	2001	512,153	256,077	NGO- Foundation	No	Habitats
LIFE98 NAT/IT/005138	Requalification of Taro fluvial habitats vital to avifauna	LIFE II	1998	1999	2002	397,943	179,074	Regional au- thority	No	Habitats
LIFE99 NAT/IT/006189	"JUNIPER DUNES" : Re- arrangement and conser- vation SCI Monte Russu	LIFE II	1999	1999	2004	1,491,961	745,981	Development agency	No	Habitats
LIFE99 NAT/IT/006209	Project for the conserva- tion of the wolf in the Pol- lino National Park	LIFE II	1999	2000	2003	377,014	188,507	Park-Reserve authority	No	Habitats
LIFE99 NAT/IT/006212	Biodiversity of Iseo peat- moss : conservation and management	LIFE II	1999	1999	2004	771,070	362,403	Park-Reserve authority	No	Habitats
LIFE99 NAT/IT/006217	EOLIFE99 - Conservation of priority plant species in Aeolian Islands	LIFE II	1999	1999	2004	251,928	188,946	Local author- ity	No	Habitats
LIFE99 NAT/IT/006229	Monte Labbro and Upper Albegna Valley, conserva- tion and management	LIFE II	1999	1999	2004	890,372	445,186	Local author- ity	No	Habitats
LIFE99 NAT/IT/006235	Actions of environmental restoration of Alserio Lake	LIFE II	1999	1999	2003	1,514,742	727,076	Park-Reserve authority	No	Habitats
LIFE99 NAT/IT/006237	Restoration of grassland habitats in the Monte Gemelli, Monte Guffone SIC	LIFE II	1999	1999	2002	299,029	149,514	Park-Reserve authority	No	Habitats



ld.	Title	LIFE generation	Funding year	Start year	End year	Total budget (EUR)	LIFE co- financing (EUR)	Beneficiary type	International partners (yes/no)	Directive (Birds, Habitats) or biodiversity
LIFE99 NAT/IT/006244	Brown bear (Ursus arctos) conservation in Central Apennines	LIFE II	1999	1999	2004	877,977	526,786	National authority	No	Habitats
LIFE99 NAT/IT/006245	Bosco Fontana : urgent conservation's actions on relict habitat	LIFE II	1999	1999	2003	681,723	340,862	National authority	No	Habitats
LIFE99 NAT/IT/006246	Salt Marshes - protection and restoration using bio- engineering techniques	LIFE II	1999	1999	2002	1,135,172	567,586	National authority	No	Habitats
LIFE99 NAT/IT/006248	Urgent actions for the con- servation of some SCI in Foligno area	LIFE II	1999	1999	2003	232,406	116,203	NGO- Foundation	No	Habitats
LIFE99 NAT/IT/006252	Restore the alluvial forests - Regional Natural Reserve Naviglio di Melotta	LIFE II	1999	1999	2002	258,228	129,114	Local author- ity	No	Habitats
LIFE99 NAT/IT/006253	Palata Menasciutto: management and conservation of wet woodlands	LIFE II	1999	2000	2003	573,267	285,601	Park-Reserve authority	No	Habitats
LIFE99 NAT/IT/006254	SWATCH - Sile's Wet Ar- eas Together Conserve How	LIFE II	1999	1999	2003	707,546	353,773	Park-Reserve authority	No	Habitats
LIFE99 NAT/IT/006260	Protection of habitats featuring the Silver Fir in the SCIs of the central and southern Apennines (phase II)	LIFE II	1999	2000	2002	387,343	232,406	NGO- Foundation	No	Habitats
LIFE99 NAT/IT/006270	Reclamation and environ- mental remediation of the Capo Feto biotope	LIFE II	1999	1999	2004	1,556,601	778,301	Local author- ity	No	Habitats



ld.	Title	LIFE generation	Funding year	Start year	End year	Total budget (EUR)	LIFE co- financing (EUR)	Beneficiary type	International partners (yes/no)	Directive (Birds, Habitats) or biodiversity
LIFE99 NAT/IT/006271	Urgent conservation measures of Caretta caretta in the Pelagian Islands	LIFE II	1999	1999	2003	830,762	548,303	Local author- ity	No	Habitats
LIFE99 NAT/IT/006275	Protection of sea and coastline habitats in SCIs along the Southern Tyrrhenian Sea in Italy	LIFE II	1999	2000	2003	664,060	398,436	NGO- Foundation	No	Habitats
LIFE99 NAT/IT/006279	NATURA 2000 network in Italy: management mod- els	LIFE II	1999	2000	2004	1,642,333	821,166		No	Habitats
LIFE00 NAT/IT/007131	Project URSUS - protection of the brown bear population of Brenta	LIFE II	2000	2001	2005	1,032,914	506,128		No	Habitats
LIFE00 NAT/IT/007139	Bats, calcareous habitats and petrifying sources in the Park of Campo dei Fiori	LIFE II	2000	2001	2004	721,957	311,373		No	Habitats
LIFE00 NAT/IT/007142	Improvement of the habitats of CIS through restoration and/or transformation of electrical plants existing and under construction in the Po Delta Park	LIFE II	2000	2001	2007	5,637,965	2,198,806		No	Birds
LIFE00 NAT/IT/007147	Conservation of habitats and species of the SIC Bosco della Mesola	LIFE II	2000	2001	2005	410,000	205,000		No	Habitats



ld.	Title	LIFE generation	Funding year	Start year	End year	Total budget (EUR)	LIFE co- financing (EUR)	Beneficiary type	International partners (yes/no)	Directive (Birds, Habitats) or biodiversity
LIFE00 NAT/IT/007159	Conservation of Austropotamobius pallipes in two SIC sites of Lombardy	LIFE II	2000	2001	2005	505,464	224,729	Development agency	No	Habitats
LIFE00 NAT/IT/007161	Paludi di Ostiglia: intervention for the protection of priority birds	LIFE II	2000	2002	2006	611,500	258,500		No	Birds
LIFE00 NAT/IT/007166	'Trebbia' Integrated project	LIFE II	2000	2001	2004	1,244,850	558,938	Local author- ity	No	Habitats
LIFE00 NAT/IT/007170	HABIO: Biodiversity pro- tection in Calvana- Monferrato areas	LIFE II	2000	2001	2004	516,458	258,229	Development agency	No	Habitats
LIFE00 NAT/IT/007208	Urgent actions for conservation of pSCI Orbetello Lagoon	LIFE II	2000	2000	2004	1,478,050	665,123	NGO- Foundation	No	Habitats
LIFE00 NAT/IT/007209	Conservation and management of the biotope 'S. Genuario Wetland'	LIFE II	2000	2001	2005	853,320	426,660		No	Habitats
LIFE00 NAT/IT/007214	Actions to protect the wolf in 10 SIC zones in three parks of the region Emilia-Romagna	LIFE II	2000	2001	2004	933,321	419,994	Regional authority	No	Habitats
LIFE00 NAT/IT/007215	Environmental restoration and conservation of the habitat of the Salt-pan of the SCI Comacchio Marshes	LIFE II	2000	2001	2007	1,597,143	638,857		No	Habitats
LIFE00 NAT/IT/007216	Bats and their foraging habitats conservation at R.N.O. of Onferno and homonymous SIC	LIFE II	2000	2001	2004	582,500	262,125	Regional authority	No	Habitats



ld.	Title	LIFE generation	Funding year	Start year	End year	Total budget (EUR)	LIFE co- financing (EUR)	Beneficiary type	International partners (yes/no)	Directive (Birds, Habitats) or biodiversity
LIFE00 NAT/IT/007228	Conservation of Abies nebrodensis (Lojac) Mattei in situ and ex situ	LIFE II	2000	2001	2005	1,161,535	871,151		No	Habitats
LIFE00 NAT/IT/007233	Pelobates project in the Ticino Valley Natural Park of Piedmont	LIFE II	2000	2001	2004	197,063	136,944	Park-Reserve authority	No	Habitats
LIFE00 NAT/IT/007239	Conservation of Tuscan Appennines mountain grasslands	LIFE II	2000	2001	2005	1,122,031	561,015	Regional authority	No	Habitats
LIFE00 NAT/IT/007246	Restoration of the Soltarico oxbow Lake	LIFE II	2000	2001	2004	295,552	118,221	Park-Reserve authority	No	Habitats
LIFE00 NAT/IT/007258	Integrated management of insubric-prealpine habitats	LIFE II	2000	2001	2005	355,012	350,283	Park-Reserve authority	No	Habitats
LIFE00 NAT/IT/007266	Petrifying springs and seminatural dry grasslands in Valle S. Croce e Valle del Curone	LIFE II	2000	2001	2005	378,000	151,200		No	Habitats
LIFE00 NAT/IT/007268	Conservation of Salmo marmoratus and Rutilus pigus in the River Ticino	LIFE II	2000	2001	2005	534,000	240,300	Park-Reserve authority	No	Habitats
LIFE00 NAT/IT/007281	NEMOS project - im- provement of ALpine wet- land areas	LIFE II	2000	2002	2005	1,626,422	796,947	Local author- ity	No	Habitats
LIFE02 NAT/IT/008523	Environmental rehabilitation of the Natural Reserve of Tarquinia Salt-works	LIFE III	2002	2003	2006	1,056,549	633,926		No	Habitats
LIFE02 NAT/IT/008526	Restoration of ecological balance for conserving the habitats of species of Community interest	LIFE III	2002	2002	2006	1,434,821	573,928	Regional au- thority	No	Habitats



ld.	Title	LIFE generation	Funding year	Start year	End year	Total budget (EUR)	LIFE co- financing (EUR)	Beneficiary type	International partners (yes/no)	Directive (Birds, Habitats) or biodiversity
LIFE02 NAT/IT/008533	Conservation and improvement of habitats inthe SPA of Vendicari	LIFE III	2002	2002	2005	831,180	415,590	Development agency	No	Habitats
LIFE02 NAT/IT/008538	Conservation of Rupicapra pyrenaica ornata in the Central Apennines	LIFE III	2002	2002	2005	1,203,750	601,875	Park-Reserve authority	No	Habitats
LIFE02 NAT/IT/008556	Habitat restoration and conservation of Ardeidae on Lake Trasimeno	LIFE III	2002	2002	2006	639,550	319,775	Development agency	No	Habitats
LIFE02 NAT/IT/008572	Toce River: conservation of riparian habitats in favour of breeding and migratory birds	LIFE III	2002	2003	2007	532,708	266,354	Regional authority	No	Birds
LIFE02 NAT/IT/008574	Alpe Veglia and Alpe Devero: actions of conservation of mountain grasslands and peatlands	LIFE III	2002	2003	2006	611,000	305,500	Park-Reserve authority	No	Habitats
LIFE2002NAT/CP/IT/000046	Carnivori e zootecnia: strumenti per la prevenzi- one del danno	LIFE III	2002	2003	2004	60,000	60,000		No	Habitats
LIFE2002NAT/ST/IT/000030	Reduction of the impact of the EU fishery on Mediter- ranean sea turtles	LIFE III	2002	2002	2004	28,800	28,800		No	Biodiversity
LIFE2002NAT/ST/IT/000033	Wildlife and Agriculture: minimizing the conflict throught damage preven- tion	LIFE III	2002	2002	2003	29,200	29,200		No	Biodiversity
LIFE2002NAT/ST/IT/000043	DUNE - Conserving Euro- pean Coastal Dune Relict Habitats	LIFE III	2002	2002	2004	30,000	24,000		No	Habitats



ld.	Title	LIFE generation	Funding year	Start year	End year	Total budget (EUR)	LIFE co- financing (EUR)	Beneficiary type	International partners (yes/no)	Directive (Birds, Habitats) or biodiversity
LIFE03 NAT/IT/000109	Conservation of Alder woods in Lomellina area's SIC	LIFE III	2003	2004	2007	710,050	355,025	Regional au- thority	No	Habitats
LIFE03 NAT/IT/000112	Ardeides and Amphibians: habitat conservation in Monticchie Natural Reserve	LIFE III	2003	2003	2005	590,100	295,050	Local authority	No	Habitats
LIFE03 NAT/IT/000113	Conservation of Acipenser naccarii in the River Ticino and in the middle reach of the River Po	LIFE III	2003	2003	2007	891,224	534,734	Park-Reserve authority	No	Habitats
LIFE03 NAT/IT/000119	Safeguard of ecologically interesting habitats inside Colli Euganei	LIFE III	2003	2003	2008	1,487,250	892,350	Park-Reserve authority	No	Habitats
LIFE03 NAT/IT/000131	Habitat preservation in Dolomiti Bellunesi	LIFE III	2003	2003	2007	1,174,250	704,550	Park-Reserve authority	No	Habitats
LIFE03 NAT/IT/000134	Safeguard Thero - Brachypodietea habitat SIC 'Area delle Gravine'	LIFE III	2003	2003	2007	505,360	379,020	Local authority	No	Habitats
LIFE03 NAT/IT/000137	Austropotamobius pallipes: protection and management in SAC sites of Central Italy	LIFE III	2003	2003	2006	865,354	432,677	Local authority	No	Habitats
LIFE03 NAT/IT/000139	RETICNET. 5 SCI for the conservation of wetlands and main habitats	LIFE III	2003	2003	2007	1,811,379	905,689	Regional authority	No	Habitats
LIFE03 NAT/IT/000141	Concerted action for biodiversity on the Veneto coast	LIFE III	2003	2004	2007	1,350,000	675,000	Regional au- thority	No	Habitats



ld.	Title	LIFE generation	Funding year	Start year	End year	Total budget (EUR)	LIFE co- financing (EUR)	Beneficiary type	International partners (yes/no)	Directive (Birds, Habitats) or biodiversity
LIFE03 NAT/IT/000147	Biocenosis restoration in Valvestino Corno della Marogna 2	LIFE III	2003	2004	2008	973,462	389,385	Regional au- thority	No	Habitats
LIFE03 NAT/IT/000148	Activities for the protection of cetaceans in the international sanctuary	LIFE III	2003	2003	2006	549,740	274,870	SME	No	Habitats
LIFE03 NAT/IT/000151	Conservation of Brown bear in the sites of the Sirente-Velino Regional Park	LIFE III	2003	2003	2008	864,800	432,400	Park-Reserve authority	No	Habitats
LIFE03 NAT/IT/000160	Preservation of Taxus and Ilex Central Appennine beech-wood	LIFE III	2003	2003	2008	946,122	473,061	Local author- ity	No	Habitats
LIFE03 NAT/IT/000163	Reduction of the impact of human activity on Caretta and Tursiops and their conservation in Sicily	LIFE III	2003	2003	2007	2,236,865	1,228,039	Local authority	No	Habitats
LIFE2003NAT/CP/IT/000003	Principles for the estab- lishment of an alpine brow bear metapopulation	LIFE III	2003	2004	2006	100,000	100,000		No	Habitats
LIFE04 NAT/IT/000126	Conservation and breed- ing of Italian cobice en- demic sturgeon	LIFE III	2004	2004	2008	2,288,402	1,258,621	Park-Reserve authority	No	Habitats
LIFE04 NAT/IT/000144	Improving coexistence of large carnivores and agriculture in S. Europe	LIFE III	2004	2004	2009	5,036,611	2,985,699	NGO- Foundation	No	Habitats
LIFE04 NAT/IT/000153	Actions to preserve the NATURA 2000 sites in Alta Tuscia Viterbese	LIFE III	2004	2004	2007	658,738	322,782	Local author- ity	No	Habitats



ld.	Title	LIFE generation	Funding year	Start year	End year	Total budget (EUR)	LIFE co- financing (EUR)	Beneficiary type	International partners (yes/no)	Directive (Birds, Habitats) or biodiversity
LIFE04 NAT/IT/000159	Requalification interventions of SIC Ganna's Lake	LIFE III	2004	2004	2008	826,500	342,700	Park-Reserve authority	No	Habitats
LIFE04 NAT/IT/000167	Aurora System - active presentation of Salamandra atra aurorae and other amphibians	LIFE III	2004	2005	2008	841,784	420,892	Local author- ity	No	Habitats
LIFE04 NAT/IT/000172	Tuscan Islands: new actions towards sea birds and habitat	LIFE III	2004	2004	2008	566,000	283,000	Park-Reserve authority	No	Birds
LIFE04 NAT/IT/000173	Protection of habitats and raptors in M. Labbro and Upper Albegna Valley	LIFE III	2004	2004	2009	1,109,000	443,600	Local author- ity	No	Habitats
LIFE04 NAT/IT/000177	Safeguard and showing off of the peat-bogs in Danta (Cadore)	LIFE III	2004	2004	2009	841,650	504,990	Local author- ity	No	Habitats
LIFE04 NAT/IT/000182	Preservation and extension of priority habitats damaged from agriculture activity	LIFE III	2004	2004	2009	1,725,162	910,885	Local authority	No	Habitats
LIFE04 NAT/IT/000187	Tartanet, a network for the conservation of sea turtles in Italy	LIFE III	2004	2004	2009	3,032,175	1,819,305	NGO- Foundation	No	Habitats
LIFE04 NAT/IT/000190	Conservation actions in NATURA 2000 sites managed by the State Forest Service	LIFE III	2004	2004	2009	2,505,297	1,252,649	National au- thority	No	Habitats
LIFE04 NAT/IT/000191	Conservation of Apennine beech forests with Abies alba SIC Pigelleto - M. Amiata	LIFE III	2004	2004	2008	700,000	350,000	Local author- ity	No	Habitats



ld.	Title	LIFE generation	Funding year	Start year	End year	Total budget (EUR)	LIFE co- financing (EUR)	Beneficiary type	International partners (yes/no)	Directive (Birds, Habitats) or biodiversity
LIFE05 NAT/IT/000009	Safeguard of the threat- ened raptors of the Matera Province	LIFE III Extension	2005	2005	2010	866,062	649,546	Local author- ity	No	Birds
LIFE05 NAT/IT/000026	Urgent conservation actions for Fortore River pSCI	LIFE III Extension	2005	2005	2010	1,590,000	715,500	Local author- ity	No	Habitats
LIFE05 NAT/IT/000037	Conservation of ecosystems in northern Tuscany	LIFE III Extension	2005	2005	2010	1,100,000	499,950	Park-Reserve authority	No	Habitats
LIFE05 NAT/IT/000050	Protection of coastal habitats in pSCI Torre Guaceto	LIFE III Extension	2005	2006	2009	730,000	365,000	Mixt enter- prise	No	Habitats
LIFE06 NAT/IT/000026	Safeguard of SPA "Promontorio del Gargano" raptors	LIFE III Extension	2006	2006	2011	955,631	716,723	Local author- ity	No	Birds
LIFE06 NAT/IT/000050	Urgent conservation measures for biodiversity of Central Mediterranean Sea	LIFE III Extension	2006	2006	2010	1,100,000	525,000	Regional authority	No	Habitats
LIFE06 NAT/IT/000053	Management of the net- work of pSCIs and SPAs in the Cilento National Park	LIFE III Extension	2006	2007	2011	1,598,932	1,039,306	Park-Reserve authority	No	Habitats
LIFE06 NAT/IT/000060	Conservation and restoration of calcareous fens in Friuli	LIFE III Extension	2006	2006	2011	2,645,000	1,058,000	Regional authority	No	Habitats



Appendix 2 Summary tables on LIFE Environment projects in Italy

Table 4 Overview of LIFE ENV projects in Italy by year, 1996-2006

Generation	Year	Number of projects	Total budget (EUR million)	Total LIFE co-financing budget (EUR million)	Average duration (years)	Average LIFE funding per project (EUR million)
LIFE II	1996	12	23.8	6.0	3.2	0.5
	1997	12	14.9	4.5	2.9	0.4
	1998	14	14.6	5.4	2.7	0.4
	1999	26	25.0	9.2	3.1	0.4
	Total	64	78.3	25.1	3.0	0.4
LIFE III	2000	20	31.5	10.5	3.3	0.5
	2002	16	21.2	7.2	3.4	0.5
	2003	14	18.3	7.8	3.5	0.6
	2004	28	48.6	20.1	3.5	0.7
	Total	78	120	46	3.4	0.6
LIFE III extension	2005	15	40.0	10.7	3.7	0.7
	2006	7	20.3	7.2	4.0	1.0
	Total	22	60.3	18.0	3.8	0.8
Grand total		164	258.2	88.7	3.3	0.5
Comparative figures for all ENV projects		1,076	1,947.7	615.9	3.3	0.6

Table 5 Overview of LIFE ENV projects in Italy 1996-2006 by theme

LIFE+ theme	No. of projects	In % of total	Total budget (EUR million)	In % of total	LIFE contribution (EUR million)	In % of total
Climate change	9	5%	17.7	7%	6.5	7%
Air	16	10%	41.6	16%	11.3	13%
Water	28	17%	39.2	15%	15.1	17%
Soil	15	9%	17.4	7%	7.2	8%
Forests	3	2%	2.2	1%	1.0	1%
Natural resources and waste	40	24%	79.7	31%	21.8	25%
Chemicals	2	1%	5.2	2%	1.1	1%
Urban environment	10	6%	9.8	4%	4.3	5%
Strategic approaches	41	25%	45.4	18%	20.3	23%
Total	164	100%	258.2	100%	88.7	100%

Table 6 Italy LIFE ENV projects 1996-2006 according to beneficiary type

Beneficiary type	No. of projects	In % of total	Total budget (EUR million)	In % of total	LIFE contribution (EUR million)	In % of total				
Public entities										
National authority	1	1%	2.1	1%	1.0	1%				
Regional authority	12	7%	13.4	5%	6.5	7%				
Local authority	34	21%	40.0	16%	18.1	20%				
Development agency	8	5%	15.3	6%	5.1	6%				
Intergovernmental body	0	0%	0.0	0%	0.0	0%				
Park-reserve authority	5	3%	8.2	3%	2.4	3%				
Sub-total	60	37%	78.9	31%	33.0	37%				
Public and private enterprises	Public and private enterprises									
International enterprise	5	3%	24.9	10%	4.6	5%				
Large enterprise	0	0%	0.0	0%	0.0	0%				
SME Small and medium sized enterprise	5	3%	5.9	2%	2.7	3%				
Mixed enterprise	11	7%	20.7	8%	7.0	8%				
Public enterprise	35	21%	78.1	30%	21.6	24%				
Sub-total	56	34%	129.6	50%	35.9	41%				
NGOs and research										
NGO-Foundation	4	2%	2.9	1%	1.2	1%				
Research institutions	13	8%	14.9	6%	7.0	8%				
University	6	4%	5.8	2%	2.8	3%				
Training centre	0	0%	0.0	0%	0.0	0%				
Sub-total	23	14%	23.6	9%	11.0	12%				
None indicated	25	15%	26.1	10%	8.7	10%				
Total	164	100%	258.2	100%	88.7	100%				

Appendix 3 Summary tables on LIFE Nature projects in Italy

Table 7 Overview of LIFE NAT projects in Italy, 1996-2006

Generation	Year	Number of projects	Total budget (EUR million)	Total LIFE co-financing budget (EUR million)	Average duration (years)	Average LIFE funding per project (EUR million)
LIFE II	1996	14	9.6	4.9	3.8	0.4
	1997	17	8.8	4.9	3.8	0.3
	1998	20	10.7	5.3	3.3	0.3
	1999	19	15.1	7.9	3.9	0.4
	Total	70	44.2	23.0	3.7	0.3
LIFE III	2000	21	21.8	10.2	3.8	0.5
	2002	11	6.5	3.3	2.7	0.3
	2003	15	15.1	8.1	3.7	0.5
	2004	12	20.1	10.9	4.3	0.9
	Total	59	63	32	3.7	0.5
LIFE III extension	2005	4	4.3	2.2	4.5	0.6
	2006	4	6.3	3.3	4.5	0.8
	Total	8	10.6	5.6	4.5	0.7
Grand total		137	118.3	61.0	3.7	0.4
Comparative figures for all NAT projects		771	1,224.1	637.2	4.2	0.8

Table 8 Categories of LIFE NAT projects in Italy, 1996-2006

LIFE NAT themes	No. of projects	In % of total	Total budget (EUR million)	In % of total	LIFE contribution (EUR million	In % of total
Habitats Directive	120	88%	102.0	86%	52.9	87%
Birds Directive	14	10%	15.7	13%	7.8	13%
Biodiversity projects	3	2%	0.6	0%	0.3	1%
Total	137	100%	118.3	100%	61.0	100%

Table 9 Italy LIFE NAT projects 1996-2006 according to beneficiary type

Beneficiary type	No. of projects	In % of total	Total budget (EUR million)	In % of total	LIFE contribution (EUR million)	In % of total
Public entities						
National authority	4	3%	5.2	4%	2.7	4%
Regional authority	19	14%	17.4	15%	8.1	13%
Local authority	33	24%	29.8	25%	15.9	26%
Development agency	5	4%	4.0	3%	2.0	3%
Intergovernmental body	0	0%	0.0	0%	0.0	0%
Park-reserve authority	40	29%	27.5	23%	14.4	24%
Sub-total	101	74%	84.0	71%	43.1	71%
Public and private enterprises						
International enterprise	0	0%	0.0	0%	0.0	0%
Large enterprise	0	0%	0.0	0%	0.0	0%
SME Small and medium sized enterprise	1	1%	0.7	1%	0.4	1%
Mixed enterprise	1	1%	0.8	1%	0.4	1%
Public enterprise	1	1%	0.5	0%	0.3	0%
Sub-total	3	2%	2.1	2%	1.0	2%
NGOs and research						
NGO-Foundation	16	12%	16.2	14%	9.3	15%
Research institutions	0	0%	0.0	0%	0.0	0%
University	1	1%	0.7	1%	0.3	1%
Training centre	0	0%	0.0	0%	0.0	0%
Sub-total	17	12%	16.8	14%	9.6	16%
None indicated	16	12%	15.4	13%	7.3	12%
Total	137	100%	118.3	100%	61.0	100%