

MED

(2007 - 2013)



Application Form

Priority-Objective 2-1

Axe 2: Protection of the environment and promotion of a sustainable territorial development

Objective 2.1: Protection and enhancement of natural resources and heritage

ZERO WASTE

Low Cost Zero Waste Municipality

Submitted version

STC Programme MED

Hôtel de Région

27 place Jules Guesde

13481 Marseille Cedex 20

Tel: 0033 491575296 / 0033 491575133

Fax: 0033 491575313

Email: stc-med@regionpaca.fr

Table of contents

1. Information for the drafting of the application	1
2. Official Stamps	1
- I - GENERAL INFORMATION	2
1. Identification of the project	2
2. Partnership	2
2.1 Partner list	2
2.2 Identification of the partners	5
2.3 Participation to other projects financed by structural funds	6
- II - PRESENTATION OF THE PROJECT	10
1. Specific information	10
1.1 Theme of the project	10
1.2 Geographic coverage	10
1.3 Summary of the project	10
1.4 Origin of the project	11
1.5 State of the art	11
2. Objectives and added value of the project	12
2.1 General and specific objectives of the project	12
2.2 Transnational added value of the project	13
2.3 Innovative aspects of the project	13
2.4 Use of past experiences and of project already realised for the definition of the project and of its objectives	14
2.5 Environmental incidences of the project	14
2.6 Environment checklist	15
3. Coherence of the project with the orientations of the Med programme	15
3.1 Specify how your project contributes to one or several general objectives of the Med programme	15
3.2 Coherence with the orientations of the Axis and of the specific objective corresponding to the project	16
4. Coherence with European and national policies and with other community programmes	16
4.1 CSG and NSRF coherence	16
5. Technical implementation of the project	18
5.1 Working Plan	18
5.2 Working Plan coherence	36
5.3 Management of the project	36
5.4 Summary of deliverables	37
5.5 Time Table	41
6. Expected results and indicators	43
- III - ORGANISATION AND COMPETENCES OF THE PARTNERSHIP	46
1. Composition, relevance and competence of the partnership	46
2. Functions of the steering committee of the project	46
3. Organisation chart	46
4. Sharing of technical activities between the partners	47
- IV - MEASURES FOR INFORMATION, PUBLICITY AND CAPITALISATION – VA...	49
1. Description of the strategy of capitalisation and utilisation of the results of the project	49

2. Description of the communication plan of the project	49
3. Provisions to ensure the continuity of the project	50
- V - FINANCIAL SECTION	51
1. Funding per partner	51
2. Origin of public funds	52
3. Origin of other fundings	54
4. Budget of the working plan and the implementation phases of the project	54
5. Detail of the expenditures foreseen for each partner	55
6. Detail of the categories of expenditures and justification	71
7. Share of total costs per partner and per year (in euro)	74

1. Information for the drafting of the application

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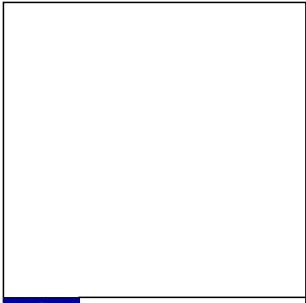
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- I - GENERAL INFORMATION

1. Identification of the project

Identification

Title	Acronym	Program reference
Low Cost Zero Waste Municipality	ZERO WASTE	1G-MED08-533

Length of project

Project implementation starting date	Project implementation end date
2009-05-01	2012-04-30

Short description

The project Zero Waste aims at developing an integrated zero-waste management system with the aim to maximize resources and energy and to reduce the amount of waste that ends up in landfills, deviating the amount of materials and resources in order to re-use them and include them in recycling schemes and processes that act as drivers of economic activity and sustainable development of the regions. In this way it could be naturally integrated in the MED space Axe 2 for protection of the environment and promotion of a sustainable territorial development.

The inclusion of the initiatives Pay as You Throw (PAYT) and implementation of biowaste management (home and community composting) as a significant part of the project's realisation, includes the involvement of stakeholder groups of local and national institutions. Sensitization and information campaigns will promote the application of zero waste strategies to the general public.

The partners have a significant experience in waste management and gathering their know-how on a common ground will be of a great benefit for the common goal as a transferable model will be built adaptable to regions in a different state of economic development. The transnational value of the project and specifically the capitalization of best practices will help Municipalities include and apply the tangible waste management tools produced by the partners in their local policies. This will support a better quality of life of the local population

2. Partnership

2.1 Partner list

EFXINI POLI, Local Authorities Network for social, cultural, tourist, environmental and agricultural development

Country	Eligibility Zone	Administrative code	Area	Legal type

GREECE	Med Partner	090287875	Attiki	Other body (no profit organisation, association ...)
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Name	Type
GROUEVA Maria	Project Coordinator
MAKRI ARGYRO	Finance Officer
KRIMNIANOTIS NIKOLAOS	Legal Representative

Aristotle University of Thessaloniki, Laboratory for Heat Transfer and Environmental Engineering

Country	Eligibility Zone	Administrative code	Area	Legal type
GREECE	Med Partner	090049627	Kentriki Makedonia	Other body (no profit organisation, association ...)

Name	Type
Karagiannidis Avraam	Local coordinator

Ecological Recycling Society

Country	Eligibility Zone	Administrative code	Area	Legal type
GREECE	Med Partner	090193256	Attiki	Other body (no profit organisation, association ...)

Name	Type
Dalamagas Antigone	Local coordinator

Scientific research centre Bistra Ptuj

Country	Eligibility Zone	Administrative code	Area	Legal type
SLOVENIA	Med Partner	n/a	Slovenija	Other body (no profit organisation, association ...)

Name	Type
Čeh Danilo	Local coordinator

ASAEL - Aragonese Association of Local Authorities

Country	Eligibility Zone	Administrative code	Area	Legal type
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SPAIN	Med Partner	G-50301779	Aragón	Other body (no profit organisation, association ...)
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Name	Type
Matas Serrada Yolanda	Local coordinator

Municipality of Ragusa

Country	Eligibility Zone	Administrative code	Area	Legal type
ITALY	Med Partner	00180270886	Sicilia	Other Local Authority

Name	Type
LUMIERA FRANCESCO	Local coordinator

BRGM - Office of Geological and Mineral Research, Regional Geological Service of Provence Alpes Côte-d'Azur

Country	Eligibility Zone	Administrative code	Area	Legal type
FRANCE	Med Partner	582 056 149 00 419	Provence-Alpes -Côte d'Azur	Public Corporation

Name	Type
DESSANDIER DAVID	Local coordinator

2.2 Identification of the partners

Name of partner	Geographic origin		Public					Private	
	Country	Area	State Body	Region	Other Local Authority	Public Corporation	Other body (no profit organisation, association ...)	Economic Operator	No profit organisation, association ...
EFXINI POLI, Local Authorities Network for social, cultural, tourist, environmental and agricultural development	GREECE	Attiki					X		
Aristotle University of Thessaloniki, Laboratory for Heat Transfer and Environmental Engineering	GREECE	Kentriki Makedonia					X		
Ecological Recycling Society	GREECE	Attiki					X		
Scientific research centre Bistra Ptuj	SLOVENIA	Slovenija					X		
ASAEL - Aragonese Association of Local Authorities	SPAIN	Aragón					X		
Municipality of Ragusa	ITALY	Sicilia			X				

BRGM - Office of Geological and Mineral Research, Regional Geological Service of Provence Alpes Côte-d'Azur	FRANCE	Provence-Alpes -Côte d'Azur				X			
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2.3 Participation to other projects financed by structural funds

Name of partner	Participation to an Interreg III programme	Other Community cooperation programme	Other projects financed by structural funds
EFXINI POLI, Local Authorities Network for social, cultural, tourist, environmental and agricultural development	X - 05-07 INTERREG IIIC SUD Vistoria, Historical Landscapes of Europe 07-08 INTERREG IIIB MEDOCC Mimarmed, Rehabilitation of deserted military and maritime settings 06-08 INTERREG IIIB MEDOCC Bleumed, European Broad Band for the Mediterranean	X - Grundtvig II Empowerment of mentors Leonardo da Vinci II:Lingua in City,Vocational training of non-EU in workplace Sastipen Network Reduction of Health Inequalities in the Roma Community,Health & the Roma Community-Analysis of situation in Europe	X - Equal II: +PRAXIS–Cooperation for Employment, XENIOS DIAS Equal I: DESMOS–eQUALITY, IPHAISTOS, Cooperation Plus From 2005-07 More than 20 projects from 3rd Community Support Framework, O.P. Employment and Professional Training and Regional O.P
Aristotle University of Thessaloniki, Laboratory for Heat Transfer and Environmental Engineering	X - Interreg "Transboundary pollution dispersion in the event of a failure at the Kosljodui plant in Bulgaria', 1993-1994	X - National funding on interregional cooperation (various bilateral projects funded by the Hellenic Secretariat for Research and Technology, with universities in the US, Canada and Japan)	X - Equal ('Recycling: A hope for the environment', 2006-2008), LIFE ('Integrated Product Policy in the Telecommunications Sector', 2005-2007), 6FP ('FORWAST' and 'SAFEMANMIN' projects), 5 FP ('PAYT' project), IEE (SUGRE project)

Ecological Recycling Society		X - 2000-02 Hellenic Ministry for the Environment DAC-Hellenic AID:Strategic Planning for the Implementation of an Integrated Solid Waste Management and Recycling Program of Large Coastal Cities of Turkey 2001-02 Hellenic General Secretariat for the New Generation:Compost from Waste: A Youth Initiative at School and at Home; 2005-07 GRUNDTVIG Growing with Compost; 2007-08 Alternative Waste Management in Greek Municipalities; 2007-08 Hellenic Ministry for the Environment:Produce Initiatives not waste; 2007-09 LIFE 3rd Countries: Sustainable Management of Istanbul local E-Waste	X - 2000 LIFE 3rd Countries «Recycling of Household Waste in Cyprus»; 2001-03 LIFE Env:Sustainable Management of E-Waste in Greece; 2003-04 Hellenic Ministry for the Environment:Volunteerism & Household Composting; 2003-04 European Youth Project:Youth Actions Speak out: Time to be a Critical Consumer; 2004-07 LIFE Env: START-IPP in Med Countries; 2006-09 LIFE Env:GreenBanking4Life;
Scientific research centre Bistra Ptuj	X - III B Cadses: Sm@rt Region lead, I2 Net III A SLO-HU-HR:lead: EkoPlan, Stronger Together, SMS go on-line, Craftattract Old Crafts New Attractions. Partner:Future Public Energy III A SLO-AVT: Euroregion, Drava Cycling Routes, INDU.PIK	X - PHARE:lead partner: 2001 Manufacturing of clay products from the cultural heritage of Ptuj 2003 Computer literacy of unemployed people, VEM One-Stop-Shop. Partner: TRUD 2003 New ideas-new opportunity Leonardo da Vinci-mobility 2006-07	X - Intelligent energy: Local Energetic Agency Ptuj, Energetic scheme of the Municipality of Ptuj 6th framework SOLBIOPOLYSY - BIOfuel POLYgeneration System I2 net Interregional Internationalisation Network Research projects cofinanced by ministries

ASAEI - Aragonese Association of Local Authorities	X - 2003-2006 INTERREG IIIB SUDOE REVITAL (Lead Partner)	X - 2008 Energía inteligente para Europa Minus 3%, 2008 eParticipación PepNet, 2008 YOUTH EMANZIPAR, 2007-2010 IEEA 2006. EDUCA-RUE, 2007-2008 BOIRA, 2006-2007 ALMUD 2006-2007 Hto Ciudades. Conf. Temáticas LIEDRA, 2006-2007 Hto Ciudades, Seminarios Formac. FOGARIL.	X - 2006-2008 Leonardo da Vinci, ETCS E(URO) T(RAINERS) COACHING SERVICE – Framework and Competencies Development 2006-2008 Leonardo da Vinci. MEDITOP, 2006-2008 Leonardo da Vinci SAFETY OF TOYS, 2005-2007 Leonardo da Vinci. FIRE & RESCUE PROJECT
Municipality of Ragusa	X - Interreg IIIA Italy Malta: SMART Sicily of South-East-Malta: common roots and popular and religious traditions LeadPartner Cultexchange: Enhancement of the catacombs as common symbol for the development of cross-border traditions Partner	X - TERRA: LO.RE. Local and Regional planning observatory network UTB-AL: Accesibilidad y Movilidad en los contextos históricos HORIZON: AIDA, Remote Computer Assistance YOUTH: XPRESIT EQUAL I: The Silent Revolution LeaderII: O. C. Politec a.r.	X - P.O.R. Sicily 2000/2006 E.S.F: Axis 3 Meas. 3.12: Services Center for Equal Opportunity + SPAZIO DONNA Four cities and a park to Experience Hyblean life Meas. 6.05 activity 3 Networks and Services for the Information Society Art. 6 E.S.F. RESTART

BRGM - Office of Geological and Mineral Research, Regional Geological Service of Provence Alpes Côte-d'Azur	X - IIIA ISARD IIIA RIVES IIIA Eurobassin IIIB Cycleau Meddoc Medacthu IIIB NW Cycleau IIIC Noe Georisk IIIA MONIT II Equipement d'un site pilote pour l'étude des conséquences de l'arrêt des exploitations minières et de leur ennoyage	X - 5th FP: 36 projects, 9 as LeadPartner 6th FP: 18 projects, 6 as LeadPartner Among these in waste management AWAST (Lead) EUWMC European Waste Management Cluster HOLIWAST Holistic Assesment Of Waste Managment Technologies(Lead) FORWAST (Lead)	X - BRGM has participated in PHARE projects, Twinning projects with Accessing Countries (Hungary, Poland, Czech Republicm, Romania), EUREOPAID - Ukraine, SYSMIN, INCO and FEDER projects.
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- II - PRESENTATION OF THE PROJECT

1. Specific information

1.1 Theme of the project

The project “Zero Waste” aims at developing an integrated Zero-waste management system with the aim to minimize the waste production and to maximize resources and energy in the areas participating in the project, as well as to systematically and dramatically reduce the amount of waste that ends up in landfills and dumps, deviating the amount of materials and resources in order to re-use them and include them in recycling schemes and processes.

The inclusion of home and community composting and Pay As You Throw (PAYT) methodologies are a significant part of the project’s realisation, including the involvement of stakeholder groups of local and national institutions with the aim to overcome barriers and to guarantee waste minimization.

1.2 Geographic coverage

With 7 partners, the representation of 5 MED countries is ensured in the partnership scheme: Greece, Italy, Spain, France and Slovenia, thus ensuring the participation of both old and new member states of the EU. This makes promising and interesting the collaboration between different in their economic development regions. The pilot applications of the project will be implemented in Municipalities from the following regions: Attica, Central Macedonia, Peloponnisos, Sterea Ellada, Aragon, Sicily, Podravska, Provence Alpes Côte-d’Azur and Languedoc-Roussillon, whereas surveys and reports will be at national level and dissemination of results and access to usefull tools in all MED countries through e-newsletters and the website.

1.3 Summary of the project

The project "Low Cost - Zero Waste Municipality" bearing the acronym "ZERO WASTE" aims at developing an integrated Zero-waste management system with the aim to minimize waste production and to maximize resources and energy in the areas participating in the project, as well as to systematically and dramatically reduce the amount of waste that ends up in landfills and dumps, deviating the amount of materials and resources in order to re-use them and include them in recycling schemes and processes. In addition to that, the project will promote the re-use and recycling methods which act as drivers of economic activity and sustainable development for the territories that participate in the project. By converting waste into valuable products, recycling

creates jobs, contributes materials to manufacturing and adds significant value to the entire economy. The inclusion of home and community composting and Pay As You Throw (PAYT) methodologies are a significant part of the project’s realisation, including the involvement of stakeholder groups of local and national institutions with the aim to overcome barriers and to guarantee waste minimization. This attempt is the hardest challenge nowadays, especially for Mediterranean countries due to some of their particularities like "lax" mentality, limited controlling mechanisms, mistrust against authority, advancing desertification and the need for carbon sequestration as well as impacts of unsustainable waste management in the

Mediterranean basin. To tackle this challenge, the project will concentrate on targeted sensitization actions and will realise the following main activities:

1. Management and coordination of the project
2. Information, communication and capitalization measures targeted to professionals, politics and general public: Project Communication Plan; web site, leaflets, posters, publicity material; Press and Media Campaign; Info Days with thematic workshops & exhibitions.
3. Zero waste strategies and applications: Development of zero waste systems surveys and analysis to evaluate waste management methods by municipalities; Study of the operational requirements for the implementation of municipal composting facilities for household biowaste; pilot application of household composting in 25 municipalities for two years in at least 70 households per municipality
4. Exchange of Experiences: Inventories on best and worst practices and transnational SWOT analysis; Workshops on waste management methods and common resolution on zero waste application
5. Implementation procedure of alternative waste management schemes in municipalities, composed of 7 targeted themes and of practical guidelines for each pilot municipality; development of Regional Policy tools: an overall handbook on the implementation procedure of alternative waste management schemes and an Interactive Decision Support Tool; Involvement and exchange of know how for Municipal servants, policy makers and other stakeholders.

1.4 Origin of the project

The project idea has been developed in collaboration with the Ecological Recycling Society (ERS) and the Aristotle University of Thessaloniki (AUTH), both having extensive experience in waste management. Part of the idea of the project was launched during the implementation of a EUREKA project - Hellenic Network for LCA in consumer electronics - at the discussions of the SCARE network meetings, coordinated by AUTH and participants included ERS. These meetings focused on the development of best practices in the field of sustainable waste management of WEEE. In the discussions, referring to general waste management and recycling issues and practices, the need became apparent to provide incentive and counter-incentive measures in the existing waste-management system. The goal was to link residents' disposal practices with specific gains and costs thus insuring highest available recycling targets.

All the partners were involved in the development of the project idea which grew up to a decision to submit a common proposal. Most partners have had past collaborations and this made easier the constitution of the partnership. Discussions on the submission of the project proposal were held via internet conferences, focussing on the possible contribution of each partner and potential benefits for future work. These conferences lead to the formation of particular activities and specific role for each partner involved in the project for the final proposal

1.5 State of the art

European Municipal waste services constitute a very important component in the waste management chain. The continuously growing waste production and the increased hazardousness of waste fractions render waste management among the larger industries in the world. Increasing waste production raises waste management cost to high levels. Zero Waste project is based on the recently adopted EU Waste Framework Directive (prevention, preparing for re-use, recycling, energy recovery and

landfill) and relates to relevant EU legislation.

The recognition of low cost zero waste management as a high-ranked and absolutely recommendable option to conform to the target of a recycling minded society can be seen in the European Commission's thematic strategy on waste prevention and recycling and through many promising applications and innovative schemes in practice.

The most common waste management method in Med countries remains disposal in landfills, with low percentage of recycling and composting and is regulated at municipal level.

In Greece, scarce actions have been implemented on sustainable management of waste, as WEEE collection and re-use, recycling, composting. The Hellenic National Committee for Alternative Waste Management is the official intergovernmental Committee that oversees all alternative waste Management collective producer responsibility schemes.

It is chaired by the Ministry of Environment. ERS holds a permanent seat as the national NGO active in the field of sustainable solid waste management.

Slovenia has already pledged some instruments targeted to improve waste management such as selective collection, financial instruments, regulations, standards. The result can be seen mainly in the field of industrial waste, but the management of municipal waste still remains exposed. On the basis of the national strategy for waste management, 20 regional centres for management of municipal waste are planned.

Ragusa has reached a 12% percentage of separated waste, a high percentage for Sicily. Since 2008 it has begun a door to door separated waste collection, for achieving 50% of separated waste in a short run. To improve the reuse, recycling and reducing of waste, the Municipality works in close collaboration with the Provincial Coordination Institution for waste management and treatment.

The regional government of Aragon has been working very hard in the area of waste since the beginning of the 90's, achieving high percentages of selective collection despite problems like the increase in the generation of waste, the lack of space in the garbage dumps, the insufficient infrastructure for the recuperation and recycling of waste or the lack of social culture on this subject. The treatment and management of waste is ruled by a specific regional Plan.

In France since 2005 the Departments have the competence of drafting Waste Plans. Municipalities work hard towards alternative waste management but landfilling still remain the common rule

2. Objectives and added value of the project

2.1 General and specific objectives of the project

Solid waste production continues to rise across the EU, both in terms of generated wastes as well as residues from numerous waste diversion activities. Thus, ambitious yet very pragmatic-oriented cross-cutting approaches are needed to decouple economic development from resource depletion and waste/residue generation. The general objective of the project is to develop, test and disseminate integrated zero waste management concepts for the participating regions in order to minimize municipal waste production, divert materials from landfilling and maximize resource recovery in a life cycle approach. The final objective is the creation of a harmonized European zero-waste methodology in the municipal sector (including various segments), a roadmap for municipalities paving into the zero-waste field, as well as an interactive policy tool box for goal-oriented municipal waste management adaptable in all EU countries, for a long-term sustainable development.

The impact of the project can be summarized as follows:

- Professional development will be achieved by training the stakeholders to employ the zero waste management system.
- Economic efficiency and stability: the project will provide the industry and the public sector with the tools and methodologies to modernise and improve a common management system for the establishment of energy sources for a systematic reduction of waste material that is being discarded on landfill areas and into the environment. Such actions will stimulate reuse and recycling. Furthermore, the purpose of the project is the sensitization of the public about separate waste collection with the intention of reusing these sources, as well as of promoting recycling methods which represent one of the driving forces of economic activities, and a fundament for sustainable development in the cooperating regions. Reuse and the production of new products with added value can create new employment opportunities, lower operating costs and in this matter, add a great deal of value to the economy of each region.
- Environmental protection: limiting the environmental pollution through the reduction of waste, recycling and re-use will resource efficiency, energy saving and waste minimization.
- Societal issues and cohesion: the research results are undoubtedly going to help induce new technologies and products for the existing economy or provide opportunities for the creation of new companies and job creation whose main activities will provide solutions for the problems of waste treatment and disposal.
- Education and training will be addressed by dedicated web-based and live informative seminars on improving energy efficiency, rational utilization of biomass and waste management

2.2 Transnational added value of the project

The partners of the project “Zero Waste” share common goals and cope to find better solutions to reduce landfilled waste and make use of the community and home biowaste. In their struggle, all the partners are driven by the important motive to limit the environmental pollution and to develop the chain of re-use of waste through application of better recycling policies. The experience that each partner carries out is very important and constitutes a platform of exchange of know-how, of already shown results, of tools and methods. A common base will be developed supported on the above mentioned transfer of experiences already gained through work on these issues that will be mutually enriched and could be adapted to the local situation of the different regions involved.

The project will help mobilize all stakeholders to support the objectives and develop cooperation between the participating Municipalities, National Alternative Waste Management Schemes, local actors, enterprises and NGOs, exchange good practices between the different partners and countries and achieve best results for the territories involved in the project. In addition, the creation of a common low cost zero waste management system for municipalities will act as a catalyst for the creation of common European rules and methods, as it will be transferable in all European municipalities, in accordance with national legal frameworks and EU legislation.

2.3 Innovative aspects of the project

The project attempts to implement innovative logistic concepts for waste flows and residues by integrated technological, managerial and social decision-support tools inline with the recently adopted Waste Framework Directive.

Studies have shown that although public administrations have launched a lot of initiatives and although awareness of the citizens has increased, there are a lot of actions to develop for the management and treatment of waste. No integrated

application of all the recycling schemes for all the waste streams has been applied to date in the region. Each collective scheme has certain quantitative and geographical goals but there has not been an integrated, organised attempt to implement them all and to measure the real potential of an integrated approach in minimizing waste production as a result of effective use and collaborative implementation of all relevant waste management legislation. This coupled with the incentive and counter incentive measures of Pay as you throw systems will be examined for the first in the project regions. This project broaches all the aspects of minimising solid waste production through the promotion and optimization of prevention, re-use and recycling schemes and examines all of zero waste issues from a multi field, multi-level, hierarchical and consolidated approach. It involves all the sectors of waste management, giving the leadership to local administrations that must be recognised as the base for efficient waste management.

2.4 Use of past experiences and of project already realised for the definition of the project and of its objectives

Partners' experience in the realisation of projects related to sustainable municipal waste management have influenced this project by taking the results and conclusions and developing this project based on them and the significant need to move to an integrated approach applying in order to reach significant amount of waste prevention and reduction at municipal level. ERS has completed projects for 18 years for municipalities on sustainable and alternative waste management while the Aristotle University has a 17-year experience on integrated pre and post consumer waste management and related zero-waste tools. Through many projects ASAEI has developed specific activities on waste management while it has an agreement with the Regional Ministry of Environment to collaborate in the implementation of the Regional Plan for waste management and for the participation of local administrations in these activities. Ragusa Municipality works actively in the group Waste 21 Network of the National Coordination A21L and the Waste Work Group of the Sicilian Coordination A21L, organizing public events to share best practices, manage waste and make aware the citizens. BRGM has been involved in research and development activities concerning industrial and urban waste for more than 20 years. It maintains several databases on resources and waste and co-ordinates the European FP6 projects FORWAST and HOLIWAST and FP5 AWAST project and is partner in the European Urban Waste Management Cluster EUWMC

2.5 Environmental incidences of the project

The project's long-term aim is zero waste production in the municipalities and countries where actions are foreseen to increase waste prevention, re-use, recycling and composting.

Aerobic composting of organic waste reduces methane production (CH₄) in landfills, while recycling materials significantly reduces energy consumption and CO₂ emissions. Therefore, the project will contribute to the reduction of the two most significant greenhouse gases and to energy conservation.

Recycling of paper means significant increases in water conservation. As well the reduction of the amount and hazardousness of waste going to landfill contributes to the long term improvement of the quality of ground water in the vicinity of the landfill.

The project directly relates to the both waste reduction and sustainable waste management through the promotion of zero waste techniques. With sustainable management techniques and the separation at source and separate collection of all waste streams (including those containing hazardous substances) there will be a significant reduction of contaminated sites.

Implementing the project actions and results will lead to increased waste prevention, recycling and composting, therefore reducing the combustible materials going to landfill, and so, reducing the risk of landfill fires. Through the promotion of composting, biogas production at landfills is reduced, consequently reducing the risk of fires, landslides at the landfills.

2.6 Environment checklist

Question	YES	NO
Will the realization of the project lead to a limitation or a reduction of GHG and atmospheric pollutants? (transport, industry...)		X
Will the realization of the project lead to improve energy efficiency and savings?		X
Will the realization of the project favour the use of Renewable Energy Sources ?		X
Will the realization of the project contribute to the decrease of loss of biodiversity ?		X
Will the realization of the project support the protection of natural habitats ?		X
Will the realization of the project promote a more efficient use of water ?		X
Will the realization of the project promote a better protection/improvement of the water quality (Mediterranean sea, rivers, ground water)		X
Will the realization of the project contribute to waste reduction or sustainable waste management ?		X
Will the realization of the project contribute to the reduction of contaminated sites ?		X
Will the realization of the project contribute to reduce soil pollution coming from agricultural activities ?		X
Will the realization of the project contribute to prevent and control natural risks better?(floods, fires, drought, earthquakes, landslides...)		X
Will the realization of the project give the possibility to limit the pressure on land due to the development of economic activities and to urban development ?		X
Will the realization of the project contribute to the protection of natural heritage ?		X

3. Coherence of the project with the orientations of the Med programme

3.1 Specify how your project contributes to one or several general objectives of the Med programme

Zero Waste project aims at promoting, encouraging, initiating, sustaining and incentive giving to zero waste behaviour and attitude of various addressed municipal waste producers (both household and non-household). It aims at stimulating the recycling and recovery industry, thus improving competitiveness while it promotes and supports the creation of social recycling enterprises at local level for the integration of grey and traditional recycling (scavenging, handpicking).

Furthermore, by converting waste into valuable products, recycling creates jobs, contributes feedstock to manufacturing, and adds significant value to the entire economy, in comparison with landfilling.

On the other hand the project facilitates local sustainable waste management solutions, avoids excessive waste transport and reduces the environmental footprint of waste management. In the same time, the project contributes to the achievement of the

recycling and recovery targets for packaging and other wastes, based on Directive 94/62/EC and its amendments, for Mediterranean countries that are usually far away from these targets. In this way, it contributes to the objective of Med Programme for the promotion of territorial cohesion and protection of the environment for sustainable development. Finally, concerning equal opportunities and non discrimination, local administrations promote the involvement of women and special social groups in local low-cost waste diversion practices, concepts and schemes

3.2 Coherence with the orientations of the Axis and of the specific objective corresponding to the project

ZERO WASTE Project is coherent with the axis 2 “Protection of the environment and promotion of a sustainable territorial development” in that the foreseen activities bring together regional and local authorities, as well as public specialised bodies—thus ensuring an integrated approach—in order to give a response to one of the environmental pressures of the Mediterranean area that is the high waste production and the need for an integrated and alternative waste management system. Zero waste roadmaps will be developed for all fractions and streams of municipal wastes of both household and non-household origin. Multi-level optimal diversion patterns will be compiled and tested across the various hierarchy levels on the basis of available results and suitable customization in local conditions. Furthermore, the project is coherent with the specific objective 2.1 “Protection and enhancement of natural resources and heritage” as it will contribute to maximize resources and energy and to minimize the waste production. Indeed, the application by a majority of Mediterranean municipalities of a new policy and methodology of alternative waste management will reduce systematically and dramatically the amount of waste that ends up in landfills and dumps, deviating the amount of materials and resources in order to re-use them and include them in recycling schemes and processes, and therefore will participate in the protection of natural resources and heritage of the involved territories

4. Coherence with European and national policies and with other community programmes

4.1 CSG and NSRF coherence

This project promotes the drivers of growth and employment through research and innovation in the region to promote sustainable waste management strategies and education training and adaptability of workers to meet the requirements and challenges of their evolving jobs and will increase productivity and jobs.

It develops synergies with community policies directly related both to the New Waste Framework Directive and all the relevant waste directives and aims to integrate and implement them in a complementary manner as well as meeting the broader scope of sustainable development. This project directly strengthens the synergies between environmental protection and growth. It aims to ensure the long-term sustainability of economic growth through the maximization of re-use and recycling activities and development of sectors, also decreasing external environmental costs to the economy and stimulating innovation and job creation. It is directly linked to CSG by maximising economic benefits and minimising the costs, priority is given in this project to tackling environmental pollution at its sources. The project focuses specifically on waste prevention, recycling and biodegradation of waste, which are cheaper and provide more jobs in comparison with landfill and incineration,

the least favourable end-of pipe solutions.

It meets the Lisbon objectives on of involving regional and local actors and social partners and promotes the development of strong and growing recycling infrastructure in the regions involved.

The coherence of the project with Greek NSRF is demonstrated as the reduction of household waste is one of the priorities for sustainable urban development, whereas the environmental infrastructure is a precondition for the smooth development of the islands, as it includes sewage and waste management plants. The project is in line with Axis 1 of the OP Environment and sustainable development as key interventions to be implemented through this OP are integrated solid and hazardous waste management and protection of ground water systems, application of Directive 2000/60 and urban waste management. Finally, all ROP include actions referring to the reduction of waste.

The Project meets the targets set about waste management of priority 2 of the Aragonese OP Environment and risk prevention and of the Slovenian NSRF.

The Sicilian OP has a waste policy target aiming at reducing the quantity of waste going to landfills, making the right infrastructural operations to achieve a fully integrated waste cycle. The operational aim is to incentive and support the waste separated collection to increase the percentage of separated waste and spreading the best practices even with experimental pilot actions through specific targets, thus conforming to the project aims.

Finally the project complies with the objectives set by the French NSRF on Environment, risk prevention and energy policy and Sustainable Development.

5. Technical implementation of the project

5.1 Working Plan

Component	Phase	Start date	End date	Description	Geographical phases localisation	Coordinating partner	Participating partners	Deliverables	Amount
Component 0 (preparation costs only)	Component 0 (preparation costs only)	2008-02-01	2008-10-31	During the Pre-Application Phase: Development of the project idea and partner search, meetings with Greek project partners, completion of the application form, exchanges with partners, participation in MED partner search forum, signature of Letters of Intent During the Final Application Phase: Review and completion of the Application Form, Signature of Letters of Commitment and Partnership Agreement, Exchange of information on the project proposal between partners	Attiki - Αττική	EFXINI POLI, Local Authorities Network for social, cultural, tourist, environmental and agricultural development	Aristotle University of Thessaloniki, Laboratory for Heat Transfer and Environmental Engineering - Ecological Recycling Society - Scientific research centre Bistra Ptuj - ASAEL - Aragonese Association of Local Authorities - Municipality of Ragusa - BRGM - Office of Geological and Mineral Research, Regional Geological Service of Provence Alpes Côte-d'Azur - Cote d'Azur	1 Application Form - 1 Partnership Agreement	4,577.70 €

								Sub total	4,577.70 €
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Communication component	Manual of corporative identity and web site	2009-05-01	2012-04-30	Creation by PP1 EFXINI POLI of a manual of corporative identity in order to have a common external image of the project (logo, letterhead, publicity supports). The Manual will have to be adopted by the Steering Committee of the project. Creation and maintenance by PP1 EFXINI POLI of a project multilingual web site that will be regularly updated even after the end of the project and will contain information about the project activities and results, the partnership, policies, legal framework and news on waste management at European level. The website will held the Intranet Tool (web-board) reserved to the partnership as well as the Interactive Decision Support Tool for European Municipalities.	Zaragoza - Bouches-du-Rhône - Thessaloniki - Chalkidiki - Attiki - Ragusa - Podravskaa - □	ASAEL - Aragonese Association of Local Authorities	EFXINI POLI, Local Authorities Network for social, cultural, tourist, environmental and agricultural development - Aristotle University of Thessaloniki, Laboratory for Heat Transfer and Environmental Engineering - Ecological Recycling Society - Scientific research centre Bistra Ptuj - Municipality of Ragusa - BRGM - Office of Geological and Mineral Research, Regional Geological Service of Provence Alpes Côte-d'Azur - □	1 Project Website - 1 Manual of Corporative Identity	31,616.02 €
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	Publicity Campaign	2009-05-01	2012-04-30	<p>The publicity campaign is addressed to general public, regional and local authorities and to specific stakeholders and policy-makers. Production and dissemination of 12.000 brochures and 2.000 posters per involved country. The common lay out will be designed by PP1 and each partner will adapt it to its local needs. Production of 3 common electronic newsletters to be distributed all over Europe to stakeholders, policy makers and regional and local authorities by PP5</p> <p>Organisation of 14 press conferences (2 per partner), production and publication of at least 25 press releases (5 per country) to be published in general and specific magazines and newspapers. Publication of two specialised magazines by PP3</p>	<p>Zaragoza - Bouches-du-Rhône - Thessaloniki - Chalkidiki - Attiki - Ragusa - Podravka - Aude - Hérault - Var - Alpes-Maritimes - Fthiotida - Messinia - □</p>	<p>ASAEL - Aragonese Association of Local Authorities</p>	<p>EFXINI POLI, Local Authorities Network for social, cultural, tourist, environmental and agricultural development - Aristotle University of Thessaloniki, Laboratory for Heat Transfer and Environmental Engineering - Ecological Recycling Society - Scientific research centre Bistra Ptuj - Municipality of Ragusa - BRGM - Office of Geological and Mineral Research, Regional Geological Service of Provence Alpes Côte-d'Azur - □ The Municipality of Marseille (France) will contribute to the Publicity campaign together with BRGM</p>	<p>60000 Leaflets - 10000 Posters - 3 Electronic Newsletters - 14 Press Conferences - 25 Press Releases - 2 Publications</p>	90,128.35 €
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	Info Days	2010-05-01	2011-10-30	<p>Organisation of 26 Info Days (6 in Greece, 5 in Spain, Italy, Slovenia and France) for citizens and scholars on the one hand and for staff working in public institutions on the other hand with thematic workshops, exhibitions and activities concerning waste management practices and policies. These events will take place in municipalities, schools, universities or other public places to sensitise citizens and staff to the importance of effective waste management, waste reduction and recycling. The aim is to tackle these issues in order to make mentalities and behaviours change as far as waste is concerned, as effective waste management begins by reducing waste and recycling, at home or professional places.</p>	<p>Zaragoza - Bouches-du-Rhône - Thessaloniki - Chalkidiki - Attiki - Ragusa - Podravka - Messinia - Fthiotida - Alpes-Maritimes - Var - Aude - Hérault - □</p>	<p>ASAEL - Aragonese Association of Local Authorities</p>	<p>EFXINI POLI, Local Authorities Network for social, cultural, tourist, environmental and agricultural development - Aristotle University of Thessaloniki, Laboratory for Heat Transfer and Environmental Engineering - Ecological Recycling Society - Scientific research centre Bistra Ptuj - Municipality of Ragusa - BRGM - Office of Geological and Mineral Research, Regional Geological Service of Provence Alpes Côte-d'Azur - □ The Municipality of Marseille (France) will contribute to the Info Days together with BRGM</p>	26 Info Days	78,252.11 €
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								Sub total	199,996.48 €
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Management component	Administrative and Financial Management	2009-05-01	2012-04-30	It corresponds to the administrative and financial management of the project and to the coordination of the partnership. A Steering Committee will be created for management and decision-making and a Technical Committee, in charge of coordinating and following the technical matters of each activity. An Internal Rule Document will be created and adopted giving the rules of implementation of the project and coordination. Apart from the meetings organised for each Component, Internet conferences will take place once per month between partners to follow project implementation. The Kick-off and Closure Meetings will be held in Athens and Thessaloniki. It includes the drafting of progress reports, communication with JTS/MA, PRESAGE completion.	Zaragoza - Bouches-du-Rhône - Thessaloniki - Attiki - Ragusa - Podravška - □	EFXINI POLI, Local Authorities Network for social, cultural, tourist, environmental and agricultural development	Aristotle University of Thessaloniki, Laboratory for Heat Transfer and Environmental Engineering - Ecological Recycling Society - Scientific research centre Bistra Ptuj - ASAEL - Aragonese Association of Local Authorities - Municipality of Ragusa - BRGM - Office of Geological and Mineral Research, Regional Geological Service of Provence Alpes Côte-d'Azur - □	1 Internal Rule Document - 6 Progress Reports	149,730.92 €
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	Follow up and Evaluation	2009-05-01	2012-04-30	For the project follow up and evaluation, an intranet web-board will be created that will allow safe exchange of documents between partners, safe communication (written and through web conference) and project follow-up. All project documentation will be uploaded and updated. For in time financial follow-up of the partners expenses by the LP, PRESAGE System will be used. This gives to the JTS and the LP an on time information about financial implementation. Internal Evaluation of the project will be held by the LP through specific partners activity reports whereas external evaluation will be given to an external expert for transparency reasons	Attiki - □	EFXINI POLI, Local Authorities Network for social, cultural, tourist, environmental and agricultural development	Aristotle University of Thessaloniki, Laboratory for Heat Transfer and Environmental Engineering - Ecological Recycling Society - Scientific research centre Bistra Ptuj - ASAEL - Aragonese Association of Local Authorities - Municipality of Ragusa - BRGM - Office of Geological and Mineral Research, Regional Geological Service of Provence Alpes Côte-d'Azur - □	1 Interactive Intranet Web-board - 7 Internal Evaluation Report - 1 External Evaluation Report	42,609.00 €
								Sub total	192,339.92 €

Zero waste strategies and applications	Zero Waste System Survey and Analysis	2009-06-01	2010-05-31	<p>This phase consists on the evaluation of waste management methods by the municipalities themselves through the compilation of questionnaires that will be developed by all partners under the coordination of PP3 following a common methodology and approach. Each partner will have to collect questionnaires from at least 5% of its country's municipalities. For Greece PP3 will have this task in charge. The analysis of these questionnaires will give an overview of the situation in the participating countries and will lead to the redaction of a common report on waste management methods at transnational level, including PAYT system, recycling and other zero waste methods.</p> <p>1 Partnership meeting for the coordination of Component 2 in France</p>	<p>Zaragoza - Aude - Hérault - Alpes-Maritimes - Bouches-du-Rhône - Var - Thessaloniki - Chalkidiki - Fthiotida - Messinia - Attiki - Ragusa - Podravska - □</p>	Ecological Recycling Society	<p>EFXINI POLI, Local Authorities Network for social, cultural, tourist, environmental and agricultural development - Aristotle University of Thessaloniki, Laboratory for Heat Transfer and Environmental Engineering - Scientific research centre Bistra Ptuj - ASAEI - Aragonese Association of Local Authorities - Municipality of Ragusa - BRGM - Office of Geological and Mineral Research, Regional Geological Service of Provence Alpes Côte-d'Azur - □</p>	1 Questionnaire on waste management methods - 1 Common Report of Analysis of Zero Waste Systems	125,824.98 €
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	Management of Biowaste	2009-11-01	2012-04-30	<p>This phase concerns the pilot application of the project. Pilot applications of biowaste composting will run in at least 70 households in 5 municipalities in each country (1750 households in total). The households will be given all necessary material and explanations for conducting this pilot application whereas they should continue even after the end of the project. Their efforts will be followed for two years during the project and the impact of such an application on waste reducing will be assessed.</p> <p>Furthermore, a study of the operational requirements for the implementation of a composting facility for household biowaste for each municipality will be made for future realisation.</p> <p>A Coordination meeting will be held in Italy</p>	<p>Zaragoza - Aude - Hérault - Alpes-Maritimes - Bouches-du-Rhône - Var - Thessaloniki - Chalkidiki - Fthiotida - Messinia - Attiki - Ragusa - Podravka -</p>	Ecological Recycling Society	<p>EFXINI POLI, Local Authorities Network for social, cultural, tourist, environmental and agricultural development - Aristotle University of Thessaloniki, Laboratory for Heat Transfer and Environmental Engineering - Scientific research centre Bistra Ptuj - ASAEI - Aragonese Association of Local Authorities - Municipality of Ragusa - BRGM - Office of Geological and Mineral Research, Regional Geological Service of Provence Alpes Côte-d'Azur - The Municipality of Marseille (France) will contribute to the pilot application together with BRGM by providing the necessary equipment for households</p>	<p>25 Study on the implementation of a composting facility for household biowaste - 25 Report on assessment of Pilot Applications</p>	200,393.57 €
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								Sub total	326,218.55 €
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Exchange of Experience	Transnational SWOT Analysis on waste management concepts	2009-10-01	2010-09-30	Each partner is in charge of compiling best and worst practices of waste management concepts in its country (factsheets) that will be grouped into inventories (for Greece PP2 will be responsible for this task). These inventories will be the basis for the drafting by PP3 of a Transnational SWOT analysis of different waste management concepts. This Analysis will be a very important tool both for policy-makers, giving information on practices that works and others that don't, thus giving orientations for effective policies, and for municipalities giving practical examples of waste management practices. 1 Transnational Meeting for the coordination of Component 3 will be held in Spain (2 participants per partner)	Zaragoza - Bouches-du-Rhône - Thessaloniki - Chalkidiki - Attiki - Ragusa - Podravska - Aude - Hérault - Alpes-Maritimes - Var - Fthiotida - Messinia - □	Municipality of Ragusa	EFXINI POLI, Local Authorities Network for social, cultural, tourist, environmental and agricultural development - Aristotle University of Thessaloniki, Laboratory for Heat Transfer and Environmental Engineering - Ecological Recycling Society - Scientific research centre Bistra Ptuj - ASAEL - Aragonese Association of Local Authorities - BRGM - Office of Geological and Mineral Research, Regional Geological Service of Provence Alpes Côte-d'Azur - □	1 Transnational SWOT Analysis on waste management concepts - 5 National inventories of best and worst practices of waste management	113,089.60 €
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	Workshops for exchange of experiences and know-how on Zero Waste methods	2010-05-01	2011-04-30	Each country will organise a workshop at national level on the implementation of waste management methods and techniques on each country's experience (for Greece, it will take place in Thessaloniki). Local, regional and national authorities will be invited as well as stakeholders, policy-makers, decision-makers and private bodies dealing with waste management. Hundreds of participants are expected, whereas a core group of at least 10 representatives per country will be invited to participate in the International workshop to be held in Athens. The aim is to exchange experience and know-how and form a common resolution to be adopted by the participants for future implementation on waste management policies and practices.	Zaragoza - Bouches-du-Rhône - Thessaloniki - Attiki - Ragusa - Podravška - □	Municipality of Ragusa	EFXINI POLI, Local Authorities Network for social, cultural, tourist, environmental and agricultural development - Aristotle University of Thessaloniki, Laboratory for Heat Transfer and Environmental Engineering - Ecological Recycling Society - Scientific research centre Bistra Ptuj - ASAEL - Aragonese Association of Local Authorities - BRGM - Office of Geological and Mineral Research, Regional Geological Service of Provence Alpes Côte-d'Azur - □ The Municipality of Marseille will contribute to the organisation of the National Workshop together with BRGM	1 Common Transnational Resolution on Zero Waste application	144,590.55 €
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								Sub total	257,680.15 €
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Development of regional policies	Implementation procedure of alternative waste management schemes in municipalities	2011-05-01	2011-10-31	For each municipality involved in the pilot applications the following will be developed: 1 Suitable and efficient methodologies for introducing alternative waste management schemes and securing funding for Local Authorities 2 Inventory on waste production prior the introduction of alternative schemes 3 Database development and mapping on municipal level 4 Scenario development and analysis 5 Sensitivity analysis of different pricing schemes 6 Data collection from all involved stakeholders on specific characteristics for implementation 7 Examination of the creation of a recycling and reuse center for all waste streams At the end, common practical guidelines for implementation will be drafted 1 transnational meeting in Slovenia	Zaragoza - Thessaloniki - Chalkidiki - Attiki - Ragusa - Podravska - Aude - Hérault - Alpes-Maritimes - Bouches-du-Rhône - Var - Fthiotida - Messinia - □	Aristotle University of Thessaloniki, Laboratory for Heat Transfer and Environmental Engineering	EFXINI POLI, Local Authorities Network for social, cultural, tourist, environmental and agricultural development - Ecological Recycling Society - Scientific research centre Bistra Ptuj - ASAEL - Aragonese Association of Local Authorities - Municipality of Ragusa - BRGM - Office of Geological and Mineral Research, Regional Geological Service of Provence Alpes Côte-d'Azur - □	25 Document on local implementation procedures of alternative waste management schemes - 25 Practical guidelines for the implementation of alternative waste management schemes at local level	135,392.45 €
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	Development of Regional Policy Tools	2011-04-01	2012-04-30	In order to create a harmonized European zero-waste methodology in the municipal sector (including various segments), PP2, 3 and 7 will create an overall handbook on the implementation procedure of alternative waste management schemes, available on-line, that will serve as a roadmap for municipalities paving into the zero-waste field. Furthermore, an Interactive Decision Support Tool will be created to be used by any European municipality to choose the more suitable and efficient method for goal-oriented municipal waste management adaptable in all EU countries. 1 transnational meeting for coordination will be held in Greece (together with the transnational workshop)	Zaragoza - Bouches-du-Rhône - Thessaloniki - Chalkidiki - Attiki - Ragusa - Podravska - Aude - Hérault - Alpes-Maritimes - Var - Fthiotida - Messinia - □	Aristotle University of Thessaloniki, Laboratory for Heat Transfer and Environmental Engineering	EFXINI POLI, Local Authorities Network for social, cultural, tourist, environmental and agricultural development - Ecological Recycling Society - Scientific research centre Bistra Ptuj - ASAEL - Aragonese Association of Local Authorities - Municipality of Ragusa - BRGM - Office of Geological and Mineral Research, Regional Geological Service of Provence Alpes Côte-d'Azur - □	1 Overall handbook on the implementation procedure of alternative waste management - 1 Interactive Decision Support Tool	95,892.35 €
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	Involvement and transfer of know how for municipal servants and policy makers	2011-10-01	2012-04-30	2days seminars will be organised for each region's municipalities in order to involve municipal servants and policy makers into the procedure of alternative waste management and to transfer know how on the implementation of zero waste methods. Furthermore, municipal servants will be trained to provide support to households involved in biowaste home composting and to use the integrated decision support tool. This will ensure the continuity of the project results after the end of the project. Finally, the seminars will sensitise both municipal servants and policy makers or other public authorities on the efficiency of zero waste concepts and alternative waste management policies.	Zaragoza - Bouches-du-Rhône - Thessaloniki - Chalkidiki - Attiki - Ragusa - Podravskaa - Aude - Hérault - Alpes-Maritimes - Var - Fthiotida - Messinia - □	Aristotle University of Thessaloniki, Laboratory for Heat Transfer and Environmental Engineering	EFXINI POLI, Local Authorities Network for social, cultural, tourist, environmental and agricultural development - Ecological Recycling Society - Scientific research centre Bistra Ptuj - ASAEL - Aragonese Association of Local Authorities - Municipality of Ragusa - BRGM - Office of Geological and Mineral Research, Regional Geological Service of Provence Alpes Côte-d'Azur - □ The Municipality of Marseille will contribute to the organisation of the seminars in PACA region together with BRGM	6 Seminars for the involvement and transfer of know how for muncial servants and policy makers	93,499.30 €
								Sub total	324,784.10 €

								Total	1,305,596.90 €
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5.2 Working Plan coherence

The working plan of the project “Zero Waste” is structured in accordance with the partners’ experience in waste management policies and strategies keeping in mind the common goal to improve the environment and make better use of waste in the development of local waste policies. It aims to use this important knowledge and know-how gained by each partner in its work and to capitalize on the best practices on zero waste strategies and applications so as to create a policy model for the local authorities that could be adapted to the situation that each region faces in its economic development.

Alternative waste management and Management of Biowaste are in the heart of the zero waste strategies exchanged between the partners. The transfer of know-how is complemented by the pilot application of home biowaste composting in at least 70 households in 25 Municipalities participating in the project in order to test in practice the expected results.

In the working plan an important role has been given to the development of regional policies including in them the application of an Inventory tool application for an efficient introduction of alternative waste management schemes like PAYT and composting.

The regional policy tools will be of a great help to Municipalities, but could not be applied without the supporting activities of promotion and information and sensitization campaign to general public, political leaders, local, regional, national and European actors

5.3 Management of the project

Steering and Technical Committees will be created to take decisions, follow and assess the implementation of the project so as to ensure the scientific work done and the consistence of the reporting requirements, deliverables and results.

The overall administrative and financial management of the project is under the supervision of the Lead Partner, while each partner will assign a local coordinator and a financial manager.

In order to make easier the coordination of the project and to have updated information, a web-board (intranet) will be created where project documentation will be regularly uploaded. It will serve as a forum for communication and exchange. Its use for communication will be promoted instead of classical means of communication to avoid risks of miscommunication as all partners will have continuous access to the same information.

In addition, Coordinators, Financial Managers and Committees’ representatives will meet through internet conferences (once per month) and project meetings (twice a year).

The LP is in charge of: partnership coordination, animation, motivation and involvement, follow-up of activities, Internal Rules document preparation to be adopted by the Steering Committee, reporting, liaison with Technical Secretariat and Managing Authority, diffusion of project results and documents, keeping of archives according to EC and national rules.

The LP is also responsible for financial reporting, internal handling of ERDF funds and national co-financing, informing local financial managers about eligibility rules, financial procedures and reporting rules and checking their right application. The LP has to control that partners have followed their specific control requirements, that they have develop a specific procedure for the identification of expenditures. It should ensure an adequate audit trail from each partner, and the right transfer of funds to the partners after each ERDF payment.

On-line financial reporting instrument will be available through PRESAGE. Partners will regularly update (at least once per trimester) its expenditures per activity and budget line, in order to have an on-time report of project expenditures and to control if financial targets each year will be met.

A continuous internal evaluation process will be set by LP's staff to ensure that the project is a value driven one, and that work processes are such as to contribute to the achievement of the project's objectives. For this aim, a follow-up system will be created and used to facilitate the assessment of each component implementation, with the submission of semestrial activities table-reporting highlighting the progress of implementation of activities, outputs and results in relation with targeted indicators. This will also help the Steering Committee to easily assess the qualitative and in-time implementation of the project

5.4 Summary of deliverables

Deliverable	Type	Value	Description
Report on assessment of Pilot Applications	Report	25	After the two-year follow up of the pilot applications, a report will be dressed to assess the implementation and impact of the pilot applications of household biowaste composting in each municipality
Application Form	other	1	The Deliverable of the Preparation of the Application phase is the Pre-Application and the Final Application Forms, together with all relevant documents (Letters of Intent, Letters of Commitment, Partnership Agreement)
Partnership Agreement	other	1	The Partnership Agreement, signed between the Lead Partner and the partners involved in the project ensures the quality of the implementation of the project and extends the arrangements of the Subsidy Contract to the level of each partner.
Study on the implementation of a composting facility for household biowaste	Studies	25	For each municipality participating in the application phase a study will be held on the operational requirements needed for the implementation of a municipal composting facility for household biowaste for future realisation by the municipalities
Manual of Corporative Identity	Information document (brochure, leaflet)	1	The manual of corporative identity will create the project identity (symbol, logotype, colors, typographies) and the rules of application to be used on all support material in order to make the project recognizable and identifiable to the public
Project Website	Website	1	The multilingual interactive website will host information about the project, its results, the partnership, policies, state of the art and legislation on waste management at European level, a database of stakeholders, the Decision Support Tool.

Leaflets	Information document (brochure, leaflet)	60000	60.000 leaflets will be produced, in every language of the participating countries and in English, with a common layout designed by PP1, to be adapted to local needs. For Greece PP1 will produce them. Leaflets will be disseminate during each event.
Posters	Information document (brochure, leaflet)	10000	Posters will be produced in the languages of the partners, with a common lay out designed by PP1 and adapted to each event to be advertised. PP1 will produce them for all Greek partners. Posters will be placed in each involved municipality.
Electronic Newsletters	Information document (brochure, leaflet)	3	PP5 will produce electronic newsletters with information concerning the project and general information about waste management. They will be disseminated to stakeholders, policy-makers, local, regional, national authorities allover Europe
Press Conferences	other	14	Each partner will organise at least two press-conferences to give information about the project activities and results to general public, stakeholders and policy-makers. These press-conferences will take place during events like meetings or workshops
Press Releases	Information document (brochure, leaflet)	25	Each country will edit at least 5 press releases addressed to general and specialised magazines and newsletters to disseminate the activities and results of the project to the general public and to a more specialised audience
Publications	Information document (brochure, leaflet)	2	PP2 will produce two specialised on the project publications of a magazine on waste management in order to give information on the project results to a wide audience in Greece.
Info Days	other	26	These Info Days will be organised in municipalities, schools, universities and other public places to tackle the issue of waste management to its origin. Specialised speakers will inform on ways of reducing waste and recycling at home and work
Internal Rule Document	other	1	The Internal Rule Document will be drafted by the LP and adopted by the Steering Committee. It will detail the way the project will be implemented, the role of the Steering Committee, of the Technical Committee and of each partner.
Progress Reports	Report	6	The semestrial project progress reports (finances and activities) will be compiled by the LP, with the data given by each partner in their partner reports. Each report will cover a 6 months period, according to the Programme rules.

Interactive Intranet Web-board	other	1	This tool will be created by the LP and allow partners with passwords to enter the site and have access to documentation concerning the project. on-line communication between the partners will be possible (forum) as well as web-conferences.
Internal Evaluation Report	Report	7	Each semester the LP will produce an internal evaluation report based on questionnaires and reports compiled by all partners on project activity implementation. At the end of the project a final report will be drafted compiling semestrial ones
External Evaluation Report	Report	1	The External Evaluation will be given to an expert after a public procurement to assess the project implementation continuously from the beginning to the end of the project. The expert will give intermediary reports for improvement and a final report
Questionnaire on waste management methods	other	1	The questionnaire will be elaborated by PP2 with the cooperation of all partners so as to have one common questionnaire to be able to make comparisons at transnational level. The questionnaire will be addressed to 5% of each country municipalities
Common Report of Analysis of Zero Waste Systems	Report	1	Based on the analysis of the questionnaires of each country PP2 will elaborate one common report on the different zero waste systems implemented in the participating countries, giving an overview of the situation and the possibilities for improvement
Transnational SWOT Analysis on waste management concepts	Studies	1	The transnational SWOT analysis on waste management concepts aims at highlighting the best transnational applications through the evaluation of national best and worst practices. It'll be available on-line on the project website for a large diffusion
National inventories of best and worst practices of waste management	Studies	5	Factsheets of local or regional best and worst practices will be gathered for each participating country and grouped into 5 national inventories of waste management practices and concepts for the creation of the transnational SWOT analysis
Common Transnational Resolution on Zero Waste application	other	1	During the International workshop where representatives of each country will be present, a common resolution will be adopted defining future policies and practices to be implemented in each participating country concerning Zero Waste Application.

Document on local implementation procedures of alternative waste management schemes	other	25	For each municipality, a complete document will be developed including the documents referred in the phase description (reports, inventory, database, analysis, ...) concerning the implementation procedure of alternative waste management schemes
Practical guidelines for the implementation of alternative waste management schemes at local level	guide	25	The practical guidelines that will be drafted for each municipality based on the analysis that will precede will give them concrete steps to follow for an effective local implementation of alternative schemes based on local needs and possibilities.
Overall handbook on the implementation procedure of alternative waste management	guide	1	The overall handbook on the implementation procedure of alternative waste management will be created by PP2, 3 and 7 in order to serve as a policy tool for any European municipality willing to engage itself in an alternative waste management policy
Interactive Decision Support Tool	other	1	The Interactive Decision Support Tool will be available through the project website to any European municipality in different languages. Municipalities will enter data into the system and the best waste management policy to apply will be proposed
Seminars for the involvement and transfer of know how for municipal servants and policy makers	other	6	The 2days seminars will involve municipal servants and policy makers from the 25 pilot municipalities but also from other interested municipalities, within each region or at national level. Professionals will give their know-how to the participants

5.5 Time Table

Component	Phase	2008				2009				2010				2011				2012			
Component 0 (preparation costs only)		P	P	P	P																
	Component 0 (preparation costs only)	A	A	A	A																
Communication component							P	P	P	P	P	P	P	P	P	P	P	P	P		
	Manual of corporative identity and web site						A	A	A	A	A	A	A	A	A	A	A	A	A		
	Publicity Campaign						A	A	A	A	A	A	A	A	A	A	A	A	A		
	Info Days										A	A	A	A	A	A	A				
Management component							P	P	P	P	P	P	P	P	P	P	P	P	P		
	Administrative and Financial Management						A	A	A	A	A	A	A	A	A	A	A	A	A		
	Follow up and Evaluation						A	A	A	A	A	A	A	A	A	A	A	A	A		
Zero waste strategies and applications							P	P	P	P	P	P	P	P	P	P	P	P	P		
	Zero Waste System Survey and Analysis						A	A	A	A	A										

	Management of Biowaste									A	A	A	A	A	A	A	A	A	A	A				
Exchange of Experience										P	P	P	P	P	P	P								
	Transnational SWOT Analysis on waste management concepts									A	A	A	A											
	Workshops for exchange of experiences and know-how on Zero Waste methods											A	A	A	A	A								
Development of regional policies																P	P	P	P	P				
	Implementation procedure of alternative waste management schemes in municipalities															A	A	A						
	Development of Regional Policy Tools															A	A	A	A	A				
	Involvement and transfer of know how for municipal servants and policy makers																	A	A	A				

6. Expected results and indicators

Indicators not linked to a group

Indicator		Forecast
Common indicators for all priorities		
European institutions involved in experimental activities (pilot activities)	Quantitative	
State administrations involved in experimental activities (pilot activities)	Quantitative	
Local and regional authorities involved in experimental activities (pilot activities)	Quantitative	25 (Involved structures)
Other public and semi-public bodies involved in experimental activities (pilot activities)	Quantitative	6 (Involved structures)
Private sector structures and networks involved in experimental activities (pilot activities)	Quantitative	
Third sector organisms involved in experimental activities (pilot activities)	Quantitative	
Specific partners involved in experimental activities (pilot activities)	Quantitative	
Number of communication tools developed from the following list: brochures, DVD, Cd Rom, video, guides, etc. (indicate the number)	Quantitative	75007 (Communication tools)
European institutions towards which communication tools will be disseminated	Quantitative	10 (Target structures for communication tool dissemination)
State Administrations towards which communication tools will be disseminated	Quantitative	25 (Target structures for communication tool dissemination)
Local and Regional Authorities towards which communication tools will be disseminated	Quantitative	1000 (Target structures for communication tool dissemination)
Other public and semi-public bodies towards which communication tools will be disseminated	Quantitative	2000 (Target structures for communication tool dissemination)
Private sector towards which communication tools will be disseminated	Quantitative	2000 (Target structures for communication tool dissemination)
General Public towards which communication tools will be disseminated	Quantitative	3500000 (Target structures for communication tool dissemination)

Specific partners towards which communication tools will be disseminated	Quantitative	50 (Target structures for communication tool dissemination)
Number of websites developed	Quantitative	1 (Website)
Number of connexion to the web sites	Quantitative	1000000 (connexions to website)
Number of data bases developed	Quantitative	1 (databases)
Number of updated on-line data bases which will remain usable even after the closure of the project	Quantitative	1 (databases)
Number of targeted communication actions carried out by the partnership from the following list: events, seminars, conferences, exhibitions, information and awareness raising campaigns, etc	Quantitative	38 (communication action)
European institutions concerned by communication actions	Quantitative	5 (Target structures for communication actions)
State Administration concerned by communication actions	Quantitative	10 (Target structures for communication actions)
Local and Regional Authorities concerned by communication actions	Quantitative	500 (Target structures for communication actions)
Other public and semi-public bodies concerned by communication actions	Quantitative	250 (Target structures for communication actions)
Private sector concerned by communication actions	Quantitative	250 (Target structures for communication actions)
General Public concerned by communication actions	Quantitative	25000 (Target structures for communication actions)
Specific partners concerned by communication actions	Quantitative	10 (Target structures for communication actions)
Number of projects' visits, press workshops and/or press conferences, press releases	Quantitative	46 (project's visit, press workshop, press conference, press release)
Number of articles published (press)/broadcasted (radio, television)	Quantitative	21 (articles published/broadcasted)
Specific indicators of the priority		
New networks of competent authorities/structures	Quantitative	1 (Permanent networks established)
Common joint plans, methodologies, tools and guidelines	Quantitative	2 (Joint implementation or working plans or strategies)
Joint strategies and agreements	Quantitative	1 (Joint implementation or working plans or strategies)

Transnational activities for awareness raising	Quantitative	3 (Involved structures)
Seminars and forums at transnational level	Quantitative	1 (Involved structures)

- III - ORGANISATION AND COMPETENCES OF THE PARTNERSHIP

1. Composition, relevance and competence of the partnership

All partners are experienced in co-funded projects whereas their areas of activities and their different roles in the society are complementary. Concerning the Greek partnership the presence of a Local Authorities network with 13 years of experience in local development projects, an NGO with a seat at the National Committee for Alternative Waste Management with decades of waste management projects and a University with a 17-year experience on integrated waste management and zero-waste tools constitutes the most suitable cooperation scheme for implementing new municipal waste management concepts and could be taken as an example of cooperation.

Bistra Ptuj is a research and development institute with experience in local development and environmental projects that links economy, regional government and the academic sphere, one of the most suitable partners in Slovenia for the project implementation. ASAEI represents 350 local authorities in Spain and has a very extended network of decision makers and stakeholders at regional, national and European level, giving the possibility to influence policies and to have concrete results at local level. Finally, BRGM is a public institution presents in all region of France and active in 40 countries. Its 20-year experience in research and development actions on industrial and urban waste is valuable for the project, whereas it has ensured the collaboration of the Municipality of Marseille for the pilot application.

2. Functions of the steering committee of the project

The Steering Committee is the decision-making and monitoring committee of the project, composed of a permanent representative of each partner and directed by the Lead Partner. For transparency and efficiency reasons, the Steering Committee plans, implements, monitors, supervises and evaluates the global realisation of the project according to the suggested strategy and policy. Decision-making will derive from openness and honesty among all partners. The functions of the Steering Committee are:

- Monitoring and guidance (strategy, objectives and results): to validate the operational framework; to validate reports; to establish and ensure the implementation of the internal process for functioning and control, to modify, if necessary, the working plan and the action plan
- Planning: to regularly control the state of the art of the project, to follow the action plan, to control the consummation of credits of the partners, to eventually propose changes in the planning of actions
- Evaluation: to assess the progress of the project towards the achievement of its objectives, through the follow-up of output and result indicators achievement, to evaluate the effectiveness and efficiency of project implementation, to assess the quality of management, coordination and financial procedures

It will meet every 6 months whereas day-to-day communication will be ensured through the use of the Intranet. A Technical Committee completes the work of the Steering Committee on technical matters

3. Organisation chart

The methodological approach used for this multi-field project is based on developing synergies among partners, by using them

efficiently, in contrast to the less effective individual actions.

The coordination and management are under the supervision of the Lead Partner, as well as the communication with the JTS. A Steering Committee and a Technical Committee will be created, with representatives of each partner, that constitute the decision and the operational bodies of the project so as to ensure the efficient and qualitative implementation of the project. Both Committees will collaborate in their work and their representatives will be in continuous communication, with meetings every 6 months for the coordination of the project activities and monthly web-conferences. The intranet will be used as a communication portal. Each Component will be coordinated by one specific partner that will have the overall responsibility of its efficient implementation, in accordance with the Committees directives. Each partner will assign a project manager and a financial manager as well as staff and experts for the realisation of the project activities. A continuous internal evaluation process will be set to ensure that the project is a value driven one, and that work processes are such as to contribute to the achievement of the project's objectives, separately and in combination with one another

4. Sharing of technical activities between the partners

For Greece the 3 partners share transnational actions and national activities, PP1 having the management of the project, the evaluation, communication and dissemination activities, the pilot applications in 5 of its network members, PP2 and PP3 having the technical and scientific activities. The other partners will implement all activities. PP5 will coordinate the Communication Component, PP3 the Zero Waste strategies and applications, PP6 the Exchange of Experience, PP2 the Development of Regional Policies.

Each partner will appoint a Coordinator and a Financial Manager as well as specialized staff and/or external experts.

PP1 has a 13-year experience in coordinating projects and organizing local development and awareness raising actions. 5 persons will work on the project.

PP2's main zero-waste related competence area has its origin from its 17-year involvement in alternative and sustainable waste management and multi-level decision support tools. The project's team consists of Ass. Prof. Karagiannidis, involved in the International Waste Working Group, a Full Professor and 5 experienced Research Fellows.

PP3 has extensive experience in formulating studies and reports, implements decades of waste projects, participates in networks and organises awareness raising actions. 10 solid waste management experts will be involved in the project.

PP4 has a wide experience in environmental research and development projects focused on regional community. The project team is composed of the Director, and 2 researchers on environmental management.

The position of PP5 in an intermediate situation will contribute to a fruitful dialogue among the different sectors involved. Its Environment Service and its collaboration with the Regional Ministry of Environment give the experience for the implementation of the project. The project team is composed of 7 people experienced in environmental issues and project management.

PP6 ensures the Urban Solid Waste service and has an Environmental Department that will be in charge to develop the practical activities with expertised staff.

PP7 has developed specific skills in the field of its intervention in the project, supporting particularly the Bouches du Rhone departmental authority for the revision of the waste management plan, accompanying Municipality of Aubagne to compare the costs/benefits of two technical choices for the treatment of organic matter. Two scientific staff with large experience in waste management will be involved in the project.

The partnership expects to enrich its insight, know-how and awareness on the acceptability and optimization of municipal zero

waste concepts, giving to local authorities tools, solutions and incentives for further implementation to reach on a long-term a zero waste European society. Finally, the feed back on the efficiency of political decisions at local level for the implementation of a European waste policy is of primary interest.

- IV - MEASURES FOR INFORMATION, PUBLICITY AND CAPITALISATION – VALORISATION OF THE PROJECT

1. Description of the strategy of capitalisation and utilisation of the results of the project

Common intention of all the partners is to accomplish management of waste which will include the minimization of waste thrown in landfills, ensuring its recycling and use of biowaste for energy. To accomplish this a specific methodology will be developed that will help in the capitalization of know-how and experiences:

- Workshops on the implementation of waste management methods and techniques for exchange of experience and common results will be held
- Regional policy tools will be developed and shown how to be used by all who are interested in their application
- Involvement of stakeholders will be ensured
- Actions for information and sensitization of local population through information campaigns and with the help of electronic tools applying new technologies will be carried out.

Disseminating the knowledge that problems could be caused by the irrational management of waste and promoting the positive effects of minimization of waste production is very important for the preservation of the environment.

The cooperation of environmental organizations alongside with public authorities, local population and researchers could play an importance role in the adoption of new social values for the protection of environment.

After all the above mentioned actions and their implementation, the results of the project are aimed to be publish and spread out in other European countries, regions and Municipalities which are interested in recycling and minimization of waste

2. Description of the communication plan of the project

Communication & Dissemination activities will comply with the Programme's publicity rules, pursuing the objective to ensure optimal visibility, transparency, optimal mobilization of public and private bodies, and optimal information and sensitisation of general public for the useful exploitation of the possibilities and benefits developed by the project. An integrated publicity plan will be implemented, coordinated by ASAE, to valorise and diffuse innovative aspects, with emphasise on best practices in terms of methodology and tools and concrete results and impact.

The publicity plan covers a large panel of activities to ensure the project's visibility aiming at sensitising decision-makers, enhancing the participation of bodies and professionals and informing public at local, national and transnational level, through 3 strategies aiming at increasing and facilitating the diffusion of information between different bodies and professionals and informing and sensitising public opinion through strong communication tools easily understandable:

1. Position strategy: Manual of Corporate Identity; Communication material (brochures, posters); Press and Media Campaign (press-conferences, articles, press-releases, radio, TV)
2. Reference strategy: creation of a database of policy makers, stakeholders, public and private bodies to which newsletters, events information, sensitisation material and project results will be disseminated electronically; web-site
3. Push & pull strategy: Push the project towards its actors; Pull them towards the project. Use of AIDA method (attract Attention, create Interest, stimulate a Desire, start an Action). Publicity for the workshops, information days, participation to external relevant events, ...

ASAEL will create a Manual of Corporate Identity to define the project visual identity in order for it to be recognisable at the first sight and for all partners to have the same templates for the creation of publicity and dissemination material.

The LP will create the project web-site giving the opportunity to politics, professionals and public to have information on the programme, the project activities and results and usefull information for municipalities willing to implement alternative and zero waste management schemes. It will host the Interactive Decision Support Tool.

ASAEL has an alert system of about 3500 bodies, that will be enriched by each other partner's contacts for the creation of a database for diffusion and information, while ministries, regional and local administrations and other public and private bodies will be invited to participate to each event organised and will be informed of the project activities and results through informative letters and the press and media campaign.

Furthermore, the project partners will have their own Intranet section for communication, project coordination and exchange of documents, while they will have project meetings twice a year and web-conferences each month

3. Provisions to ensure the continuity of the project

The project implementation will generate a reinforced cooperation with high implication of the partners in the realisation of a solid and continuous partnership that will be able to influence even after the finalisation of the project public authorities and policies. The network will ensure the viability, capitalisation and dissemination of the outputs and results so as to promote the idea of Zero Waste concept and act as an incentive for neighbourhood regions to experiment the same concepts with long term socio-economic effects. Sustainability of the results is a leading factor while conducting the project's activities.

The pilot application studies of Zero Waste concept will include the prevision of an extension of the application, while the choice of the municipalities involved depends on their will for future extension, thus ensuring continuity. The surveys made in 5% of each country's municipalities on waste management practices will give them the possibility to see how to ameliorate their system and will generate a political maturation able to claim for further national fundings. The website and the Interactive Decision Support Tool will continue to function even after the end of the project, giving to any municipality in Europe the possibility to evaluate the best practice for its territory. Finally, the partners commit themselves to produce and disseminate an e-newsletter during two years after the end of the project with information about zero waste policies.

- V - FINANCIAL SECTION

1. Funding per partner

ERDF

Name of partner	ERDF	% ERDF	Public contributor				Total	
			State	Regions and Local authorities	Other public institutions	Public total financing		
EFXINI POLI, Local Authorities Network for social, cultural, tourist, environmental and agricultural development	171,527.50 €	75.00 %	57,175.84 €	0.00 €	0.00 €	57,175.84 €	228,703.34 €	
Aristotle University of Thessaloniki, Laboratory for Heat Transfer and Environmental Engineering	127,085.95 €	75.00 %	42,361.98 €	0.00 €	0.00 €	42,361.98 €	169,447.93 €	
Ecological Recycling Society	127,520.54 €	75.00 %	42,506.84 €	0.00 €	0.00 €	42,506.84 €	170,027.38 €	
Scientific research centre Bistra Ptuj	176,820.62 €	85.00 %	0.00 €	31,203.64 €	0.00 €	31,203.64 €	208,024.26 €	
ASAEL - Aragonese Association of Local Authorities	156,998.43 €	75.00 %	0.00 €	52,332.81 €	0.00 €	52,332.81 €	209,331.24 €	
Municipality of Ragusa	159,357.56 €	75.00 %	53,119.19 €	0.00 €	0.00 €	53,119.19 €	212,476.75 €	
BRGM - Office of Geological and Mineral Research, Regional Geological Service of Provence Alpes Côte-d'Azur	80,689.50 €	75.00 %	0.00 €	0.00 €	26,896.50 €	26,896.50 €	107,586.00 €	
Sub total	1,000,000.10 €		195,163.85 €	83,536.45 €	26,896.50 €	305,596.80 €	1,305,596.90 €	
Total	1,000,000.10 €	76.59	195,163.85 €	83,536.45 €	26,896.50 €	305,596.80 €	1,305,596.90 €	

Total %	76.59 %	76.59 %	63.86 %	27.34 %	8.80 %	23.41 %	100 %	
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2. Origin of public funds

ERDF

Name of partner	Public contributor	Total	Legal basis			
EFXINI POLI, Local Authorities Network for social, cultural, tourist, environmental and agricultural development	ERDF	171,527.50 €	171,527.50 €	ERDF		
	State	57,175.84 €	57,175.84 €	MINISTRY OF ECONOMY AND FINANCES	2008-10-29	
	Regions and Local authorities	0.00 €				
	Other public institutions	0.00 €				
Aristotle University of Thessaloniki, Laboratory for Heat Transfer and Environmental Engineering	ERDF	127,085.95 €	127,085.95 €	ERDF		
	State	42,361.98 €	42,361.98 €	Ministry of Economy and Finances	2008-10-16	Commitment Letter
	Regions and Local authorities	0.00 €				
	Other public institutions	0.00 €				
Ecological Recycling Society	ERDF	127,520.54 €	127,520.54 €	ERDF		
	State	42,506.84 €	42,506.84 €	Ministry of Economy and Finances	2008-10-27	Commitment Letter

	Regions and Local authorities	0.00 €				
	Other public institutions	0.00 €				
Scientific research centre Bistra Ptuj	ERDF	176,820.62 €	176,820.62 €	ERDF		
	State	0.00 €				
	Regions and Local authorities	31,203.64 €	31,203.64 €	Municipality of Ptuj	2008-10-10	Commitment Letter
	Other public institutions	0.00 €				
ASAEL - Aragonese Association of Local Authorities	ERDF	156,998.43 €	156,998.43 €	ERDF		
	State	0.00 €				
	Regions and Local authorities	52,332.81 €	52,332.81 €	ASAEL - Aragonese Association of Local Authorities	2008-10-15	Commitment Letter
	Other public institutions	0.00 €				
Municipality of Ragusa	ERDF	159,357.56 €	159,357.56 €	ERDF		
	State	53,119.19 €	53,119.19 €	Rotation Fund - Minister of Economic Development - CIPE decision n.36 of 15.06.2007	2008-10-21	Commitment Letter
	Regions and Local authorities	0.00 €				
	Other public institutions	0.00 €				

BRGM - Office of Geological and Mineral Research, Regional Geological Service of Provence Alpes Côte-d'Azur	ERDF	80,689.50 €	80,689.50 €	ERDF		
	State	0.00 €				
	Regions and Local authorities	0.00 €				
	Other public institutions	26,896.50 €	26,896.50 €	BRGM - Office of Geological and Mineral Research, Regional Geological Service of Provence Alpes Côte-d'Azur	2008-10-21	Commitment Letter

3. Origin of other fundings

4. Budget of the working plan and the implementation phases of the project

	Component 0 (preparation costs only)	Communication component	Management component	Zero waste strategies and applications	Exchange of Experience	Development of regional policies	Total
Staff costs	4,577.70 €	57,678.00 €	88,945.00 €	111,512.00 €	93,320.00 €	168,509.00 €	524,541.70 €
Durable goods	0.00 €	0.00 €	6,620.00 €	93,700.00 €	0.00 €	0.00 €	100,320.00 €
Consumable goods	0.00 €	3,060.00 €	0.00 €	4,140.00 €	7,000.00 €	5,500.00 €	19,700.00 €
Travel	0.00 €	12,397.00 €	16,770.00 €	39,359.90 €	21,759.00 €	33,095.00 €	123,380.90 €

Services (except external expertise)	0.00 €	5,000.00 €	12,000.00 €	5,700.00 €	54,071.00 €	0.00 €	76,771.00 €
External expertise	0.00 €	2,000.00 €	53,760.00 €	49,350.00 €	19,100.00 €	45,584.00 €	169,794.00 €
Promotion, information and publication	0.00 €	115,363.07 €	7,128.77 €	15,116.00 €	54,474.02 €	57,689.80 €	249,771.66 €
Overheads	0.00 €	4,498.41 €	7,116.15 €	7,340.65 €	7,956.13 €	14,406.30 €	41,317.64 €
Other	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
Total	4,577.70 €	199,996.48 €	192,339.92 €	326,218.55 €	257,680.15 €	324,784.10 €	1,305,596.90 €

5. Detail of the expenditures foreseen for each partner

EFXINI POLI, Local Authorities Network for social, cultural, tourist, environmental and agricultural development

		Component 0 (preparation costs only)	Communication component	Management component	Zero waste strategies and applications	Exchange of Experience	Development of regional policies	Total
Staff costs	Staff Costs	1,622.70 €	9,431.00 €	61,710.00 €	5,327.00 €	5,610.00 €	3,740.00 €	87,440.70 €
Durable goods	Informatics material	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	bins for the pilot's applications	0.00 €	0.00 €	0.00 €	25,000.00 €	0.00 €	0.00 €	25,000.00 €
Consumable goods	stationary	0.00 €	420.00 €	0.00 €	370.00 €	500.00 €	1,000.00 €	2,290.00 €
Travel	Air plane Tickets	0.00 €	1,200.00 €	600.00 €	2,000.00 €	1,000.00 €	2,500.00 €	7,300.00 €
	Subsistence Costs	0.00 €	800.00 €	908.00 €	2,850.00 €	1,272.00 €	4,312.00 €	10,142.00 €
Services (except external expertise)	web-site creation and maintenance	0.00 €	5,000.00 €	0.00 €	0.00 €	0.00 €	0.00 €	5,000.00 €

	Pilot Application of Home composting	0.00 €	0.00 €	0.00 €	5,700.00 €	0.00 €	0.00 €	5,700.00 €
	Travelling & Accommodation costs for participants invited to attend the transnational workshop	0.00 €	0.00 €	0.00 €	0.00 €	1,935.00 €	0.00 €	1,935.00 €
	Web-board Creation	0.00 €	0.00 €	5,000.00 €	0.00 €	0.00 €	0.00 €	5,000.00 €
	organization of meetings	0.00 €	0.00 €	1,000.00 €	0.00 €	0.00 €	0.00 €	1,000.00 €
	interpreting and translations	0.00 €	0.00 €	6,000.00 €	0.00 €	0.00 €	0.00 €	6,000.00 €
External expertise	Zero waste systems survey and analysis	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	study of the operational requirements and implementation of a municipal composting facility for household biowaste	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	Evaluation of best and worst practices	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	Implementation procedure of alternative waste management schemes in municipalities	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	Creation of an interactive decision support tool	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	Speakers	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	External Evaluation	0.00 €	0.00 €	17,600.00 €	0.00 €	0.00 €	0.00 €	17,600.00 €

	AUDITOR 1st level control	0.00 €	0.00 €	6,900.00 €	0.00 €	0.00 €	0.00 €	6,900.00 €
	external expertise for project management	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
Promotion, information and publication	Manual of Corporative Identity	0.00 €	5,000.00 €	0.00 €	0.00 €	0.00 €	0.00 €	5,000.00 €
	Interpretation and audiovisual material rent for events	0.00 €	1,000.00 €	1,850.00 €	0.00 €	3,500.00 €	3,000.00 €	9,350.00 €
	Communication supports for events publicity	0.00 €	2,000.00 €	0.00 €	0.00 €	3,000.00 €	2,000.00 €	7,000.00 €
	Catering for events	0.00 €	1,000.00 €	765.00 €	0.00 €	2,500.00 €	3,500.00 €	7,765.00 €
	Local renting for events	0.00 €	0.00 €	0.00 €	0.00 €	1,000.00 €	500.00 €	1,500.00 €
	Brochures	0.00 €	5,000.00 €	0.00 €	0.00 €	0.00 €	0.00 €	5,000.00 €
	Posters	0.00 €	4,000.00 €	0.00 €	0.00 €	0.00 €	0.00 €	4,000.00 €
	Press-Conferences	0.00 €	500.00 €	0.00 €	0.00 €	0.00 €	0.00 €	500.00 €
	Press releases	0.00 €	1,500.00 €	0.00 €	0.00 €	0.00 €	0.00 €	1,500.00 €
	Publications	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
Overheads	overheads	0.00 €	663.24 €	4,319.70 €	141.40 €	394.50 €	261.80 €	5,780.64 €
	Total	1,622.70 €	37,514.24 €	106,652.70 €	41,388.40 €	20,711.50 €	20,813.80 €	228,703.34 €

Aristotle University of Thessaloniki, Laboratory for Heat Transfer and Environmental Engineering

		Component 0 (preparation costs only)	Communication component	Management component	Zero waste strategies and applications	Exchange of Experience	Development of regional policies	Total
Staff costs	Staff Costs	0.00 €	2,992.00 €	6,732.00 €	4,114.00 €	15,895.00 €	60,775.00 €	90,508.00 €

Durable goods	Informatics material	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	bins for the pilot's applications	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
Consumable goods	stationary	0.00 €	220.00 €	0.00 €	0.00 €	2,500.00 €	2,000.00 €	4,720.00 €
Travel	Air plane Tickets	0.00 €	1,000.00 €	500.00 €	2,000.00 €	3,800.00 €	5,083.00 €	12,383.00 €
	Subsistence Costs	0.00 €	800.00 €	1,332.00 €	2,459.90 €	3,471.00 €	5,712.00 €	13,774.90 €
Services (except external expertise)	web-site creation and maintenance	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	Pilot Application of Home composting	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	Travelling & Accommodation costs for participants invited to attend the transnational workshop	0.00 €	0.00 €	0.00 €	0.00 €	916.00 €	0.00 €	916.00 €
	Web-board Creation	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	organization of meetings	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	interpreting and translations	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
External expertise	Zero waste systems survey and analysis	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	study of the operational requirements and implementation of a municipal composting facility for household biowaste	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	Evaluation of best and worst practices	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €

	Implementation procedure of alternative waste management schemes in municipalities	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	Creation of an interactive decision support tool	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	5,084.00 €	5,084.00 €
	Speakers	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	External Evaluation	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	AUDITOR 1st level control	0.00 €	0.00 €	5,090.00 €	0.00 €	0.00 €	0.00 €	5,090.00 €
	external expertise for project management	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
Promotion, information and publication	Manual of Corporative Identity	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	Interpretation and audiovisual material rent for events	0.00 €	1,000.00 €	3,013.77 €	0.00 €	2,500.00 €	2,000.00 €	8,513.77 €
	Communication supports for events publicity	0.00 €	1,633.07 €	500.00 €	0.00 €	3,000.00 €	2,889.80 €	8,022.87 €
	Catering for events	0.00 €	800.00 €	1,000.00 €	0.00 €	1,974.02 €	1,800.00 €	5,574.02 €
	Local renting for events	0.00 €	0.00 €	0.00 €	0.00 €	1,000.00 €	1,000.00 €	2,000.00 €
	Brochures	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	Posters	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	Press-Conferences	0.00 €	1,000.00 €	0.00 €	0.00 €	0.00 €	0.00 €	1,000.00 €
	Press releases	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €

	Publications	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
Overheads	overheads	0.00 €	710.92 €	1,367.47 €	645.35 €	2,638.63 €	6,499.00 €	11,861.37 €
	Total	0.00 €	10,155.99 €	19,535.24 €	9,219.25 €	37,694.65 €	92,842.80 €	169,447.93 €

Ecological Recycling Society

		Component 0 (preparation costs only)	Communication component	Management component	Zero waste strategies and applications	Exchange of Experience	Development of regional policies	Total
Staff costs	Staff Costs	935.00 €	6,171.00 €	2,805.00 €	31,042.00 €	24,310.00 €	53,295.00 €	118,558.00 €
Durable goods	Informatics material	0.00 €	0.00 €	2,120.00 €	0.00 €	0.00 €	0.00 €	2,120.00 €
	bins for the pilot's applications	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
Consumable goods	stationary	0.00 €	420.00 €	0.00 €	1,770.00 €	1,000.00 €	500.00 €	3,690.00 €
Travel	Air plane Tickets	0.00 €	1,200.00 €	500.00 €	3,500.00 €	1,000.00 €	2,000.00 €	8,200.00 €
	Subsistence Costs	0.00 €	800.00 €	820.00 €	3,350.00 €	1,272.00 €	2,912.00 €	9,154.00 €
Services (except external expertise)	web-site creation and maintenance	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	Pilot Application of Home composting	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	Travelling & Accommodation costs for participants invited to attend the transnational workshop	0.00 €	0.00 €	0.00 €	0.00 €	4,580.00 €	0.00 €	4,580.00 €
	Web-board Creation	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	organization of meetings	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €

	interpreting and translations	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
External expertise	Zero waste systems survey and analysis	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	study of the operational requirements and implementation of a municipal composting facility for household biowaste	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	Evaluation of best and worst practices	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	Implementation procedure of alternative waste management schemes in municipalities	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	Creation of an interactive decision support tool	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	Speakers	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	External Evaluation	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	AUDITOR 1st level control	0.00 €	0.00 €	5,100.00 €	0.00 €	0.00 €	0.00 €	5,100.00 €
	external expertise for project management	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
Promotion, information and publication	Manual of Corporative Identity	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	Interpretation and audiovisual material rent for events	0.00 €	1,000.00 €	0.00 €	0.00 €	0.00 €	0.00 €	1,000.00 €

	Communication supports for events publicity	0.00 €	2,000.00 €	0.00 €	0.00 €	0.00 €	0.00 €	2,000.00 €
	Catering for events	0.00 €	1,000.00 €	0.00 €	0.00 €	0.00 €	0.00 €	1,000.00 €
	Local renting for events	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	Brochures	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	Posters	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	Press-Conferences	0.00 €	1,000.00 €	0.00 €	0.00 €	0.00 €	0.00 €	1,000.00 €
	Press releases	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	Publications	0.00 €	5,500.00 €	0.00 €	0.00 €	0.00 €	0.00 €	5,500.00 €
Overheads	overheads	0.00 €	366.52 €	190.24 €	2,136.27 €	1,701.70 €	3,730.65 €	8,125.38 €
	Total	935.00 €	19,457.52 €	11,535.24 €	41,798.27 €	33,863.70 €	62,437.65 €	170,027.38 €

Scientific research centre Bistra Ptuj

		Component 0 (preparation costs only)	Communication component	Management component	Zero waste strategies and applications	Exchange of Experience	Development of regional policies	Total
Staff costs	Staff Costs	0.00 €	8,601.00 €	6,588.00 €	33,489.00 €	17,385.00 €	16,470.00 €	82,533.00 €
Durable goods	Informatics material	0.00 €	0.00 €	2,500.00 €	0.00 €	0.00 €	0.00 €	2,500.00 €
	bins for the pilot's applications	0.00 €	0.00 €	0.00 €	23,000.00 €	0.00 €	0.00 €	23,000.00 €
Consumable goods	stationary	0.00 €	1,000.00 €	0.00 €	1,000.00 €	1,500.00 €	1,000.00 €	4,500.00 €
Travel	Air plane Tickets	0.00 €	1,200.00 €	2,000.00 €	2,000.00 €	1,000.00 €	1,000.00 €	7,200.00 €
	Subsistence Costs	0.00 €	800.00 €	2,664.00 €	2,850.00 €	1,272.00 €	1,332.00 €	8,918.00 €
Services (except external expertise)	web-site creation and maintenance	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €

	Pilot Application of Home composting	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	Travelling & Accommodation costs for participants invited to attend the transnational workshop	0.00 €	0.00 €	0.00 €	0.00 €	11,660.00 €	0.00 €	11,660.00 €
	Web-board Creation	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	organization of meetings	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	interpreting and translations	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
External expertise	Zero waste systems survey and analysis	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	study of the operational requirements and implementation of a municipal composting facility for household biowaste	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	Evaluation of best and worst practices	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	Implementation procedure of alternative waste management schemes in municipalities	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	Creation of an interactive decision support tool	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	Speakers	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	6,000.00 €	6,000.00 €
	External Evaluation	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €

	AUDITOR 1st level control	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	external expertise for project management	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
Promotion, information and publication	Manual of Corporative Identity	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	Interpretation and audiovisual material rent for events	0.00 €	2,500.00 €	0.00 €	0.00 €	2,500.00 €	7,500.00 €	12,500.00 €
	Communication supports for events publicity	0.00 €	5,000.00 €	0.00 €	0.00 €	3,000.00 €	5,500.00 €	13,500.00 €
	Catering for events	0.00 €	2,500.00 €	0.00 €	0.00 €	2,500.00 €	5,500.00 €	10,500.00 €
	Local renting for events	0.00 €	0.00 €	0.00 €	0.00 €	2,000.00 €	1,500.00 €	3,500.00 €
	Brochures	0.00 €	10,000.00 €	0.00 €	0.00 €	0.00 €	0.00 €	10,000.00 €
	Posters	0.00 €	4,000.00 €	0.00 €	0.00 €	0.00 €	0.00 €	4,000.00 €
	Press-Conferences	0.00 €	1,000.00 €	0.00 €	0.00 €	0.00 €	0.00 €	1,000.00 €
	Press releases	0.00 €	1,000.00 €	0.00 €	0.00 €	0.00 €	0.00 €	1,000.00 €
	Publications	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
Overheads	overheads	0.00 €	602.07 €	461.16 €	2,344.23 €	1,152.90 €	1,152.90 €	5,713.26 €
	Total	0.00 €	38,203.07 €	14,213.16 €	64,683.23 €	43,969.90 €	46,954.90 €	208,024.26 €

ASael - Aragonese Association of Local Authorities

		Component 0 (preparation costs only)	Communication component	Management component	Zero waste strategies and applications	Exchange of Experience	Development of regional policies	Total
Staff costs	Staff Costs	1,020.00 €	15,708.00 €	3,060.00 €	6,120.00 €	6,120.00 €	8,160.00 €	40,188.00 €

Durable goods	Informatics material	0.00 €	0.00 €	2,000.00 €	0.00 €	0.00 €	0.00 €	2,000.00 €
	bins for the pilot's applications	0.00 €	0.00 €	0.00 €	23,400.00 €	0.00 €	0.00 €	23,400.00 €
Consumable goods	stationary	0.00 €	1,000.00 €	0.00 €	1,000.00 €	1,500.00 €	1,000.00 €	4,500.00 €
Travel	Air plane Tickets	0.00 €	1,200.00 €	1,600.00 €	2,000.00 €	1,900.00 €	2,000.00 €	8,700.00 €
	Subsistence Costs	0.00 €	800.00 €	1,578.00 €	2,850.00 €	1,500.00 €	2,412.00 €	9,140.00 €
Services (except external expertise)	web-site creation and maintenance	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	Pilot Application of Home composting	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	Travelling & Accommodation costs for participants invited to attend the transnational workshop	0.00 €	0.00 €	0.00 €	0.00 €	11,660.00 €	0.00 €	11,660.00 €
	Web-board Creation	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	organization of meetings	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	interpreting and translations	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
External expertise	Zero waste systems survey and analysis	0.00 €	0.00 €	0.00 €	12,000.00 €	0.00 €	0.00 €	12,000.00 €
	study of the operational requirements and implementation of a municipal composting facility for household biowaste	0.00 €	0.00 €	0.00 €	10,000.00 €	0.00 €	0.00 €	10,000.00 €
	Evaluation of best and worst practices	0.00 €	0.00 €	0.00 €	0.00 €	6,600.00 €	0.00 €	6,600.00 €

	Implementation procedure of alternative waste management schemes in municipalities	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	7,000.00 €	7,000.00 €
	Creation of an interactive decision support tool	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	5,000.00 €	5,000.00 €
	Speakers	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	6,000.00 €	6,000.00 €
	External Evaluation	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	AUDITOR 1st level control	0.00 €	0.00 €	6,570.00 €	0.00 €	0.00 €	0.00 €	6,570.00 €
	external expertise for project management	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
Promotion, information and publication	Manual of Corporative Identity	0.00 €	5,000.00 €	0.00 €	0.00 €	0.00 €	0.00 €	5,000.00 €
	Interpretation and audiovisual material rent for events	0.00 €	2,500.00 €	0.00 €	0.00 €	5,500.00 €	2,000.00 €	10,000.00 €
	Communication supports for events publicity	0.00 €	3,500.00 €	0.00 €	4,380.00 €	3,500.00 €	3,500.00 €	14,880.00 €
	Catering for events	0.00 €	1,430.00 €	0.00 €	0.00 €	4,000.00 €	3,000.00 €	8,430.00 €
	Local renting for events	0.00 €	0.00 €	0.00 €	0.00 €	2,000.00 €	1,500.00 €	3,500.00 €
	Brochures	0.00 €	9,000.00 €	0.00 €	0.00 €	0.00 €	0.00 €	9,000.00 €
	Posters	0.00 €	2,000.00 €	0.00 €	0.00 €	0.00 €	0.00 €	2,000.00 €
	Press-Conferences	0.00 €	500.00 €	0.00 €	0.00 €	0.00 €	0.00 €	500.00 €
	Press releases	0.00 €	500.00 €	0.00 €	0.00 €	0.00 €	0.00 €	500.00 €

	Publications	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
Overheads	overheads	0.00 €	1,121.16 €	214.08 €	428.40 €	428.40 €	571.20 €	2,763.24 €
	Total	1,020.00 €	44,259.16 €	15,022.08 €	62,178.40 €	44,708.40 €	42,143.20 €	209,331.24 €

Municipality of Ragusa

		Component 0 (preparation costs only)	Communication component	Management component	Zero waste strategies and applications	Exchange of Experience	Development of regional policies	Total
Staff costs	Staff Costs	0.00 €	9,375.00 €	4,050.00 €	7,500.00 €	8,000.00 €	8,125.00 €	37,050.00 €
Durable goods	Informatics material	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	bins for the pilot's applications	0.00 €	0.00 €	0.00 €	22,300.00 €	0.00 €	0.00 €	22,300.00 €
Consumable goods	stationary	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
Travel	Air plane Tickets	0.00 €	1,600.00 €	1,500.00 €	500.00 €	1,000.00 €	2,000.00 €	6,600.00 €
	Subsistence Costs	0.00 €	997.00 €	1,664.00 €	1,000.00 €	1,000.00 €	1,832.00 €	6,493.00 €
Services (except external expertise)	web-site creation and maintenance	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	Pilot Application of Home composting	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	Travelling & Accommodation costs for participants invited to attend the transnational workshop	0.00 €	0.00 €	0.00 €	0.00 €	11,660.00 €	0.00 €	11,660.00 €
	Web-board Creation	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	organization of meetings	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €

	interpreting and translations	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
External expertise	Zero waste systems survey and analysis	0.00 €	0.00 €	0.00 €	17,350.00 €	0.00 €	0.00 €	17,350.00 €
	study of the operational requirements and implementation of a municipal composting facility for household biowaste	0.00 €	0.00 €	0.00 €	10,000.00 €	0.00 €	0.00 €	10,000.00 €
	Evaluation of best and worst practices	0.00 €	0.00 €	0.00 €	0.00 €	11,500.00 €	0.00 €	11,500.00 €
	Implementation procedure of alternative waste management schemes in municipalities	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	8,500.00 €	8,500.00 €
	Creation of an interactive decision support tool	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	2,000.00 €	2,000.00 €
	Speakers	0.00 €	2,000.00 €	0.00 €	0.00 €	1,000.00 €	6,000.00 €	9,000.00 €
	External Evaluation	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	AUDITOR 1st level control	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	external expertise for project management	0.00 €	0.00 €	12,500.00 €	0.00 €	0.00 €	0.00 €	12,500.00 €
Promotion, information and publication	Manual of Corporative Identity	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	Interpretation and audiovisual material rent for events	0.00 €	2,500.00 €	0.00 €	5,500.00 €	2,500.00 €	2,000.00 €	12,500.00 €

	Communication supports for events publicity	0.00 €	5,000.00 €	0.00 €	2,000.00 €	3,000.00 €	3,500.00 €	13,500.00 €
	Catering for events	0.00 €	2,500.00 €	0.00 €	2,500.00 €	2,500.00 €	3,000.00 €	10,500.00 €
	Local renting for events	0.00 €	0.00 €	0.00 €	0.00 €	2,000.00 €	1,500.00 €	3,500.00 €
	Brochures	0.00 €	10,000.00 €	0.00 €	0.00 €	0.00 €	0.00 €	10,000.00 €
	Posters	0.00 €	4,000.00 €	0.00 €	0.00 €	0.00 €	0.00 €	4,000.00 €
	Press-Conferences	0.00 €	500.00 €	0.00 €	0.00 €	0.00 €	0.00 €	500.00 €
	Press releases	0.00 €	500.00 €	0.00 €	0.00 €	0.00 €	0.00 €	500.00 €
	Publications	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
Overheads	overheads	0.00 €	656.50 €	283.50 €	525.00 €	520.00 €	538.75 €	2,523.75 €
	Total	0.00 €	39,628.50 €	19,997.50 €	69,175.00 €	44,680.00 €	38,995.75 €	212,476.75 €

BRGM - Office of Geological and Mineral Research, Regional Geological Service of Provence Alpes Côte-d'Azur

		Component 0 (preparation costs only)	Communication component	Management component	Zero waste strategies and applications	Exchange of Experience	Development of regional policies	Total
Staff costs	Staff Costs	1,000.00 €	5,400.00 €	4,000.00 €	23,920.00 €	16,000.00 €	17,944.00 €	68,264.00 €
Durable goods	Informatics material	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	bins for the pilot's applications	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
Consumable goods	stationary	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
Travel	Air plane Tickets	0.00 €	0.00 €	550.00 €	2,800.00 €	1,000.00 €	0.00 €	4,350.00 €
	Subsistence Costs	0.00 €	0.00 €	554.00 €	9,200.00 €	1,272.00 €	0.00 €	11,026.00 €
Services (except external expertise)	web-site creation and maintenance	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €

	Pilot Application of Home composting	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	Travelling & Accommodation costs for participants invited to attend the transnational workshop	0.00 €	0.00 €	0.00 €	0.00 €	11,660.00 €	0.00 €	11,660.00 €
	Web-board Creation	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	organization of meetings	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	interpreting and translations	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
External expertise	Zero waste systems survey and analysis	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	study of the operational requirements and implementation of a municipal composting facility for household biowaste	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	Evaluation of best and worst practices	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	Implementation procedure of alternative waste management schemes in municipalities	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	Creation of an interactive decision support tool	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	Speakers	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	External Evaluation	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €

	AUDITOR 1st level control	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	external expertise for project management	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
Promotion, information and publication	Manual of Corporative Identity	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	Interpretation and audiovisual material rent for events	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	Communication supports for events publicity	0.00 €	2,000.00 €	0.00 €	0.00 €	1,000.00 €	1,000.00 €	4,000.00 €
	Catering for events	0.00 €	0.00 €	0.00 €	736.00 €	0.00 €	0.00 €	736.00 €
	Local renting for events	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	Brochures	0.00 €	2,000.00 €	0.00 €	0.00 €	0.00 €	0.00 €	2,000.00 €
	Posters	0.00 €	1,000.00 €	0.00 €	0.00 €	0.00 €	0.00 €	1,000.00 €
	Press-Conferences	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	Press releases	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
	Publications	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €
Overheads	overheads	0.00 €	378.00 €	280.00 €	1,120.00 €	1,120.00 €	1,652.00 €	4,550.00 €
	Total	1,000.00 €	10,778.00 €	5,384.00 €	37,776.00 €	32,052.00 €	20,596.00 €	107,586.00 €

6. Detail of the categories of expenditures and justification

Expenditure category	Subcategories	Total
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Staff costs	Staff Costs	524,541.70 €
	Total	524,541.70 €
Durable goods	Informatics material	6,620.00 €
	bins for the pilot's applications	93,700.00 €
	Total	100,320.00 €
Consumable goods	stationary	19,700.00 €
	Total	19,700.00 €
Travel	Air plane Tickets	54,733.00 €
	Subsistence Costs	68,647.90 €
	Total	123,380.90 €
Services (except external expertise)	web-site creation and maintenance	5,000.00 €
	Pilot Application of Home composting	5,700.00 €
	Travelling & Accomodation costs for participants invited to attend the transnational workshop	54,071.00 €
	Web-board Creation	5,000.00 €
	organization of meetings	1,000.00 €
	interpreting and translations	6,000.00 €
	Total	76,771.00 €
External expertise	Zero waste systems survey and analysis	29,350.00 €
	study of the operational requirements and implementation of a municipal composting facility for household biowaste	20,000.00 €
	Evaluation of best and worst practices	18,100.00 €

	Implementation procedure of alternative waste management schemes in municipalities	15,500.00 €
	Creation of an interactive decision support tool	12,084.00 €
	Speakers	21,000.00 €
	External Evaluation	17,600.00 €
	AUDITOR 1st level control	23,660.00 €
	external expertise for project management	12,500.00 €
	Total	169,794.00 €
Promotion, information and publication	Manual of Corporative Identity	10,000.00 €
	Interpretation and audiovisual material rent for events	53,863.77 €
	Communication supports for events publicity	62,902.87 €
	Catering for events	44,505.02 €
	Local renting for events	14,000.00 €
	Brochures	36,000.00 €
	Posters	15,000.00 €
	Press-Conferences	4,500.00 €
	Press releases	3,500.00 €
	Publications	5,500.00 €
	Total	249,771.66 €
Overheads	overheads	41,317.64 €
	Total	41,317.64 €
Other		

	Global budget	1,305,596.90 €
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7. Share of total costs per partner and per year (in euro)

Name of partner	2008	2009	2010	2011	2012	Total	%
EFXINI POLI, Local Authorities Network for social, cultural, tourist, environmental and agricultural development	0.00 €	13,938.70 €	54,672.30 €	68,611.00 €	91,481.34 €	228,703.34 €	17.52 %
Aristotle University of Thessaloniki, Laboratory for Heat Transfer and Environmental Engineering	0.00 €	3,270.68 €	47,563.70 €	50,834.38 €	67,779.17 €	169,447.93 €	12.98 %
Ecological Recycling Society	0.00 €	9,303.00 €	41,705.22 €	51,008.21 €	68,010.95 €	170,027.38 €	13.02 %
Scientific research centre Bistra Ptuj	0.00 €	9,406.00 €	53,001.28 €	62,407.28 €	83,209.70 €	208,024.26 €	15.93 %
ASAEL - Aragonese Association of Local Authorities	0.00 €	7,430.87 €	55,368.50 €	62,799.37 €	83,732.50 €	209,331.24 €	16.03 %
Municipality of Ragusa	0.00 €	5,571.00 €	58,172.02 €	63,743.03 €	84,990.70 €	212,476.75 €	16.27 %
BRGM - Office of Geological and Mineral Research, Regional Geological Service of Provence Alpes Côte-d'Azur	0.00 €	7,989.00 €	24,286.80 €	32,275.80 €	43,034.40 €	107,586.00 €	8.24 %
Total	0.00 €	56,909.25 €	334,769.82 €	391,679.07 €	522,238.76 €	1,305,596.90 €	100 %
%	0.00 %	4.36 %	25.64 %	30.00 %	40.00 %	100 %	-