



DELIVERABLE

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Authors:

Marion Obermüller (BMBF)

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Executive Summary

This document outlines the activities and efforts of the GreeNET consortium to ensure a sustainable exploitation of the outcomes and products of the GreeNET project.

GreeNET aims to disseminate best practices of environmental education from various European countries, train teachers to educate students of all ages and provoke interest in green science among students and thus contribute to an increasing number of students choosing science-related subjects. Further the project is going to strengthen the connection between environmental science education and the respective labour market. The most important target group are teachers – the project aims to train teachers and through them students and the wider community. Thus GreeNET will contribute to an increasing number of sensitized citizens who support sustainable development through everyday behavior.

The GreeNET exploitation plan is an evolving document. The GreeNET exploitation strategy and tools were specified in Del.7.1. *Initial Exploitation Plan* in M7 of the project: the exploitation objectives, the target groups, the exploitable results and the short-term and long-term strategies are clearly outlined in this deliverable. According to the *Description of Work* in Del.7.2. *Updated Exploitation Plan* the interim results of exploitation efforts of the project partners have been documented in M24. It summarized the partners' exploitation activities in the first two years of the project, drew a picture of the goals reached so far and gave recommendations for the exploitation efforts in the last months of the project. Besides, as the GreeNET partners decided to spend huge efforts on the establishment of an "Associated Partners Network", a specific document Del.7.2.1. *Associated Partners Network* has been elaborated and delivered in February 2014 as sub-deliverable of Del.7.2. *Updated Exploitation Plan*.

At the end of the GreeNET project (M36) this Del.7.3. *Final Exploitation Plan* outlines all exploitation efforts that have been undertaken during the lifetime of this project. This public report summarizes the activities, synergies with other initiatives and strategies that have been adopted with the view to reach out the targeted users after the funding period of the project. The consortium established co-operations with associated partners at national level but also with related EU founded projects and initiatives.

This report outlines relevant achievements of the exploitation efforts and gives some recommendations to pave the way for a future use of the GreeNET developments.

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1 Introduction

1.1 Scope

The GreeNET *Exploitation Plan* can be regarded as evolving document that was updated, amended and adapted in accordance to the progress of the project developments and findings. The *Initial Exploitation Plan* (Del.7.1.) was delivered in M7, the first updated version of the initial plan was delivered in M24 (Del.7.2. *Updated Exploitation Plan*) and as second update this Del.7.3. *Final Exploitation Plan* is delivered as a public report after the end of the project (M36).

This public report summarizes all exploitation activities undertaken by the GreeNET partners during the lifetime of the project by referring to the proposals documented in Del.7.1. *Initial Exploitation Plan* and focusing on the efforts undertaken to install an “Associated Partners Network”. It summarizes the exploitation events and the target groups reached during the three years of the project.

1.2 Audience

This document is addressed to the general public, to the members of the consortium of the GreeNET project, including EACEA and Commission services and project reviewers

1.3 Definitions

- Consortium: joint partnership of the GreeNET project
- Project partners: organisations that have committed through the Grant Agreement to carry out the working activities of the GreeNET project
- Work Package (WP): working activities that are defined and described in the DoW of the Grant Agreement
- Description of Work (DoW): Detailed description of the project, Environmental Education through Enquiry and Technology / GreeNET
- GreeNET = Acronym of the project Environmental Education through Enquiry and Technology
- Exploitation = Exploitation embodies the act of employing results to the greatest possible advantage. It aims to sustain results and keep them in use and existence and to influence and change mainstream practice and policy

1.4 Structure

Chapter 1: contains an overview of this document, providing its scope, audience, and structure;

Chapter 2: describes the GreenNET exploitation strategy by outlining the main components of this strategy and the aims of the GreenNET exploitation plan;

Chapter 3: gives an overview on the exploitation activities organized by partners on local, national and international level, addressing different groups of stakeholders. Further it contains information about the partners' contact-lists and communities related to this project (e.g. on the ODS portal);

Chapter 4: describes the establishment of the "Associated Partners Network" and presents the GreenNET associated partner organisations/ institutions; further it outlines the benefits and the visions for the future;

Chapter 5: documents the publications and submitted papers of GreenNET partners;

Chapter 6: draws conclusions on the success of the exploitation efforts undertaken by the GreenNET consortium; further it outlines the lessons learnt in this work package and gives recommendations for a future sustainable use of the GreenNET services;

Chapter 7: Annexes: Overview on exploitation activities of partners, the GreenNET contact-list;

2 The GreeNET exploitation strategy

The exploitation objectives, the target groups and the exploitable results of the GreeNET project are specified in detail in Del.7.1. *Initial Exploitation Plan* (Chapter 3.1., 3.2. and 3.3). In this final version of the exploitation plan BMBF as WP-leader outlines the activities of partners undertaken during the lifetime of the project, including activities of the short-term strategy as well as the long-term exploitation strategy of GreeNET.

2.1 Main Components of the GreeNET exploitation strategy

The exploitation efforts of the GreeNET consortium focused on the development of strategies to reach different types of target groups and to pave the way for the use and acceptance of the GreeNET outcomes by the target audiences also after the projects' end. Therefore it was essential to address as many target users and interested stakeholders as possible and to provide user-friendly tools to make it easy to use the project outcomes in a sustainable way.

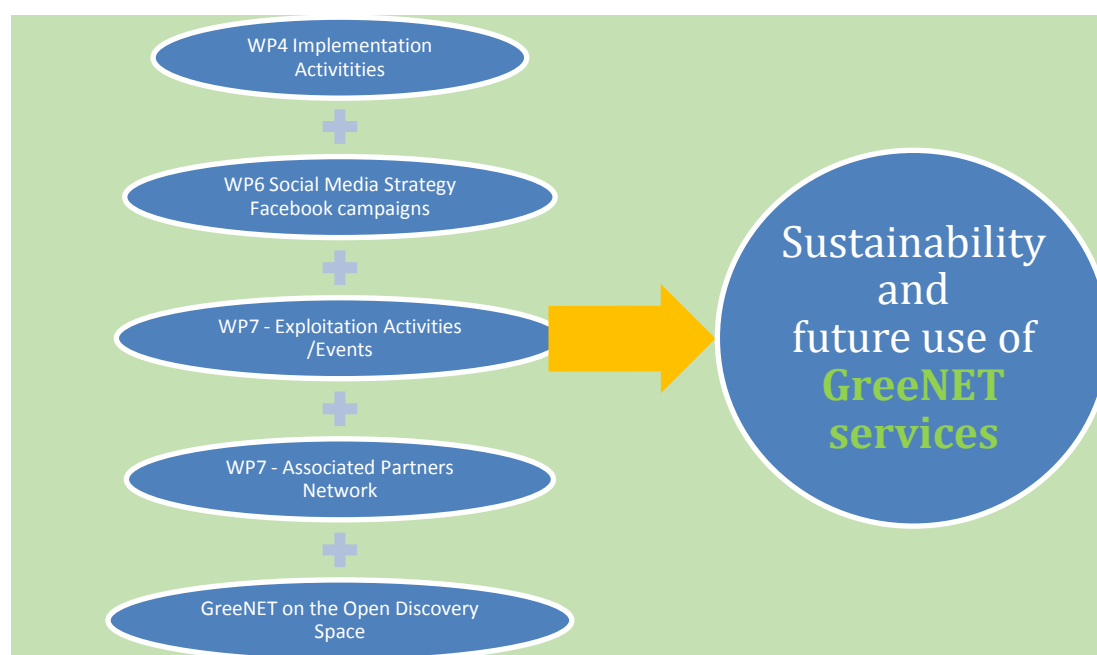


Figure 1: Components of the GreeNET exploitation strategy

2.1.1 Implementation as a strategy to reach teachers as project participants

The core phases of the three-year work was the implementation and validation phase. During this period of 27 month a number of events were organized, such as training sessions, contests, summer schools, demonstrations and workshops as well as a European transnational workshop, for the exchange and evaluation of the collected GreeNET

Best Practices. Diverse kinds of implementation activities are proposed in Del.4.1. *GreeNET Implementation Plan.*

In the context of WP4 especially the target group of teachers and teacher trainers were involved in the project. Each partner country was called on addressing a certain number of participants in specific implementation actions as outlined in Del.4.1. *Implementation Plan.* The success of these efforts is documented in Del. 4.6. *Implementation Report*, also published after the end of the project (M36). In matters of sustainability and exploitation it was essential to take up as many participants of the implementation activities as possible in the WEB community for teachers (in the framework of WP3, development of a WEB 2.0 community and a web-based inventory). This allows all teachers and interested individuals to access ideas and best practices and be part of a constantly growing network.

2.1.2 Dissemination and social media strategy to reach a wider audience

Besides teachers, educational communities and educational organisations it was essential to make the project and its aims and outcomes visible to a wider audience, beyond project participants. It was regarded as important to address various stakeholders related to environmental issues as environmental educators, policy makers, academics and researchers (in the fields of science education and green science development), environmental organisations and initiatives, representatives of the green labour market as well as local entities and individuals interested in environmental concerns. To reach this aim WP6 (Dissemination) elaborated a social media strategy by integrating web2.0 social media tools as Facebook and twitter.

Specific GreeNET Facebook (<https://www.facebook.com/GreeNETproject>) campaigns were:

- **“Best Practice Friday”** where all GreeNET Best Practices were presented.
- **Introduction** of all GreeNET **Associated Partners** on Facebook.
- The Facebook contest: **“The future belongs to the young people who create it”**.

The increasing number of “likes” documents the success of these campaigns.



Figure 2: GreenNET Facebook site and campaigns

2.1.3 Exploitation activities organized by GreenNET partners

Based on the Description of Work (DoW) each GreenNET partner was involved in the exploitation of the project results in accordance to the respective partner's expertise, experiences, existing structures and networks and other relevant issues. In Chapter 4 of Del.7.1. *Initial Exploitation Plan* partners outlined their planned exploitation activities and filled in an initial form to name existing contacts (associations, institutions, organisations etc.) that were invited to participate in exploitation activities and to become potential associated partners in the GreenNET network. All partners updated and adapted their responsibilities and exploitation activities in accordance to the projects developments.

All GreenNET partners documented appropriate contacts to relevant stakeholder groups, who were contacted and invited to participate in exploitation activities as meetings, events, workshops, online events and the "Associated Partners Network" during the lifetime of the project.

2.1.4 Establishment and maintenance of an “Associated Partners Network”

In Del. 7.1. *Initial Exploitation Plan* the establishment and maintenance of an “Associated Partners Network” was proposed by WP7 –leader BMBF. The creation of an operative network of associated partners is more than just installing information channels. Several steps had to be undertaken to establish a collaborative network with key stakeholders in the fields of environmental concerns, science education and training, green labour market and other related stakeholders in order to be able to carry on the work of the network beyond the projects time frame. The installation was proposed to start based on already existing contacts of the GreeNET partners. All GreeNET partners strongly supported this intention and named numerous existing contacts and related network partners as potential associated partners in the GreeNET project.

In order to support partners in the most efficient way BMBF elaborated a guide specifically dedicated to the establishment of “GreeNET Associated Partners Network” as sub-Deliverable (Del.7.2.1.) of Del.7.2. *Updated Exploitation Plan*. This document supported all the steps that had to be undertaken to establish a collaborative network with key stakeholders in the fields of environmental concerns, science education and training, the green labour market and other related stakeholders. This sub-Deliverable was named 7.2.1. *Associated Partners Network* and was finalized and circulated to the GreeNET partners in February 2014. Based on this GreeNET partners started to build up the Associated Partners Network. In the interim report after the second year of the project, the *Updated Exploitation Plan* (Del.7.2.), BMBF as leading partner of exploitation deduced that the GreeNET consortium has been able to attract associated partner organisations that cover a broad range of expertise and aspects of environmental and educational concerns. But the consortium had to realize that one important group was not adequately represented, namely companies and institutions representing the “green labour market”. It was recommended to intensify the efforts to attract representatives of the “green labour market”. Finally GreeNET partners were successful in initiating collaborations with key-stakeholders of the green labour market.

2.1.5 GreeNET and the *Open Discovery Space* (ODS)

The EU-project *Open Discovery Space* (ODS) (<http://www.opendiscoveryspace.eu/>) builds up a meta-portal that aims to serve as an accelerator of the sharing, using and re-purposing of already existing educational content. Further it promotes community-building between teachers and school communities and educational experts.

The GreeNET partners recognized that in matters of sustainability it was essential to integrate GreeNET outcomes to this meta-portal in order to ensure web-hosting, further enhancement by the addition of new resources, expansion of target-audiences and exploitation of the results by additional users even after the lifetime of the GreeNET project.

The incorporation of the **GreeNET Inventory** (<http://greenet.ea.gr/content/greenet-inventory-collecting-green-best-practices>) under the umbrella of the EU project ODS was an additional milestone to achieve sustainability.

GREENET INVENTORY: COLLECTING GREEN BEST PRACTICES

Get involved to GREENET project and make the best out of it for your classroom: 01: Search for online resources in green issues, 02: Get inspiring ideas through the organization of creative activities in your school, 03: Get guidance through the authoring process of inquiry based scenarios for your classroom and finally 04: Create your own school portal on green ideas and projects sharing locally or in public the outcomes of your work.



Figure 3: The GreeNET Inventory, 4 steps

The GreeNET inventory offers a range of tools supporting an integrated approach and covering different user needs. Two steps of the four step process are directly linked to and integrated in the Open Discovery Space portal:

- **Step 1.** Discovering OERs → is directly linked to the ODS searching mechanism and serves to search for green open educational resources
- **Step 3.** Design Activities → is directly linked to the ODS GreeNET Community “Sharing Environmental Educational Resources”

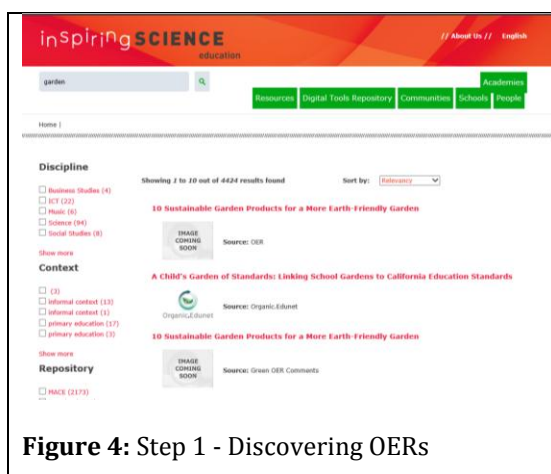


Figure 4: Step 1 - Discovering OERs



Figure 5: Step 3 - Design Activities

BMBF and EA started to use some tools of this meta-portal for community-building and the integration of best practice examples of environmental education in very early stages of the project. During the last 9 months of the project also other partners as ECOI, UBT, GRNET and AUA started to use the meta-portal ODS for training and demonstration purposes, but also for community building and sharing and exchanging GreeNET Best Practices. At the end of the project there are 9 GreeNET communities on the ODS (<http://www.opendiscoveryspace.eu/communities> and search for “greenet”):

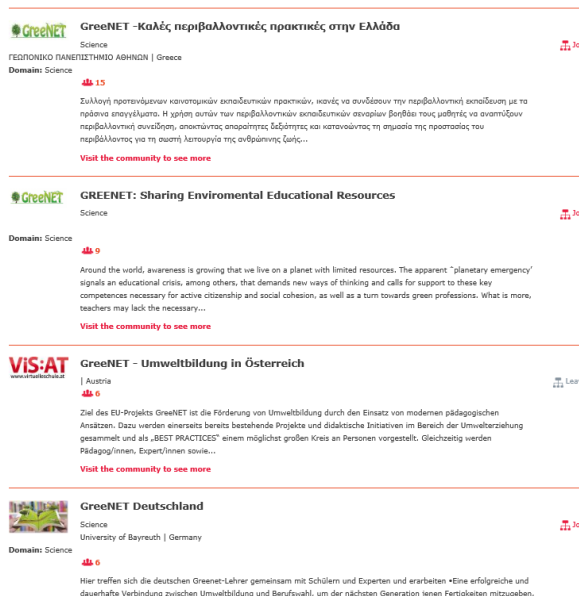


Figure 6: GreenNET Communities on ODS

The ODS portal offers an additional tool for efficient networking that supports the association of related initiatives. The GreenNET parent community “Sharing Environmental Educational Resources” is networking with several **related communities**.

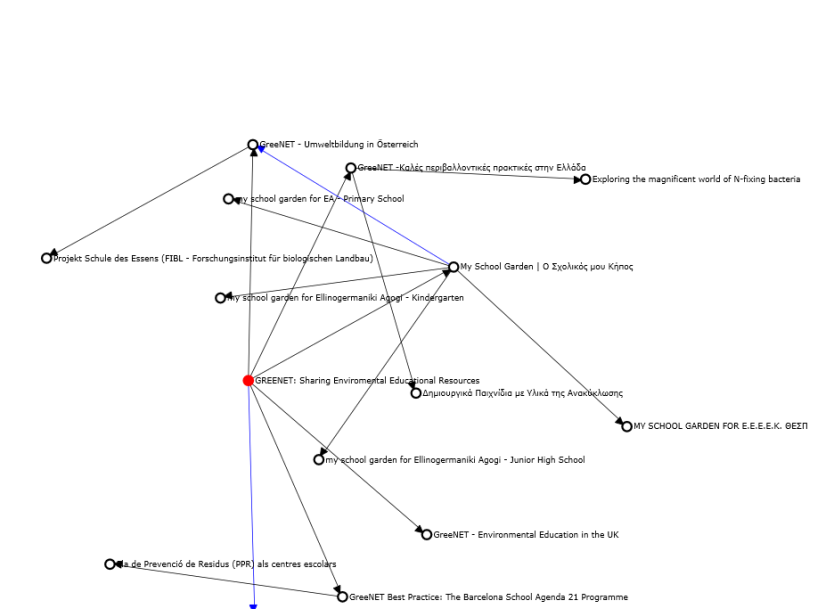


Figure 7: ODS - Network of related communities

2.2 Aims and goals of GreenNET Exploitation Plan

All partners of the GreenNET project are involved in exploitation activities and contribute to the success of the exploitation plan according to their expertise.

In Del.7.1. *Initial Exploitation Plan* some benchmarks have been defined to measure the success of the exploitation efforts of GreenNET partners. Although it is not easy to draw conclusion on the sustainable effect of dissemination and implementation activities it can be expected that a certain part of contacted and directly involved individuals will use or adapt and reuse the benefits and outcomes of this project over a longer period of time.

- The number of target audiences contacted during the lifetime of the project can be deduced from the Final Dissemination Report (Del. 6.3., M36): Within the three years in total more than 15.500 stakeholders have been reached and informed about the GreenNET project, mostly in exhibitions and fairs, but also in the framework of national and international workshops and events.¹
- Key activities have been carried out in WP4, *Implementation and Validation Activities*. The project network (partners and associated partners) organized 96 events (including e-events like ODS groups operation). 3.127 persons (among them: 1.433 teachers and 1.694 from other categories which were: students, researchers, practitioners, representatives from Green companies, parents).²

Based on data coming from the ODS communities' activation, GreenNET tools usage and events organised the cases which raised the biggest interest from the participating audience (especially teachers) were:

- My School Garden
- Barcelona 21
- Rio92
- To bee or not to bee
- Plastic bugs, no thanks!
- Energy today and tomorrow

Details on implementation and validation activities are documented in detail in Del.4.6. Implementation Report (M36).

Apart from efforts that lay in the core responsibilities of other work packages (see above, WP4 = Implementation and WP6 = Dissemination) WP7 focuses on the establishment and the maintenance of a collaborative network of diverse stakeholders in the field of environmental education. As described above WP7 elaborated detailed proposals on how to build up a collaborative network of associated partners (see sub-Del.7.2.1.).

¹ Gabriele Reinstadler, Birgit Mülleder: GreenNET Del.6.3. Final Dissemination Plan, 2015; public report

² Sofoklis Sotiriou: GreenNET Del.4.6.: Implementation Report, 2015 public report

To prepare this *Final Exploitation Report* BMBF as leading partner of WP7 sent out survey documents for exploitation in M33 to elicit the outcomes of the exploitation activities and the results of the “Associated Partners Network”. For this survey partners were asked to:

- To update the information about the overall **exploitation activities** till the end of the project
- To update their **contact-lists**;
- To document the status of the **Associated Partners Network** and the invitation and accession process;

The results of this survey concerning exploitation activities and the contact-list are summarized in detail in Chapter 3. Conclusions on the effectiveness of these activities and recommendations for future activities are formulated in the context. The achievements of the efforts to establish an “Associated Partners Network” are documented in Chapter 4.

3 Exploitation Activities of partners

3.1 Overall exploitation activities

In M35 partners were asked to update an excel-sheet (interim report in M20) to document their overall exploitation activities done during the whole lifetime of the GreenNET project. Partners documented the activities, the target groups and the number of participants reached by the respective activity. The table below summarizes some relevant key data, the detailed files can be found in the Annex (Chapter 7.1.)

Partner	Nr. of Events/ activities	Local/ regional	national	inter-nat.	Target groups, Stakeholders	coverage
AUA	14	11	1	2	Educators, researchers, teachers, students, policy makers, curriculum developers	693
BMBF	13		8	5	Teachers, teacher trainers, educ. stakeholder, students, EU-projects	409
EA	8	4	2	2	Kindergarden and school teachers, ministry of education, local authorities, companies	161
ECOI	9	7	2		Local and regional policy makers, teachers, general public, researchers	100
EUMMENA	5	3	1	1	Environmental stakeholder, key multipliers, EU projects	30
GRNET	7		3	4	Educators, students, researchers, green professionals, green labour market experts	112
STVG	32	20	10	2	Politicians, industrialists, entrepreneurs, teachers, career guides	378
UBT	11	11			Pre-service teachers, teachers, students, Educ. stakeholder	1686
ALL	99	56	27	16		3.569

Figure 8: Overview on exploitation activities of GreeNET partners

It can be asserted that the consortium of the GreeNET project undertook extensive efforts to organize exploitation activities with relevant stakeholder groups in order to ensure the sustainability of the GreeNET outcomes. Although different partners document a broad range of directly involved persons it can be stated that all target groups (defined in Del.7.1. *Initial Exploitation Plan*) have been involved in exploitation activities to a very satisfying extent. In 99 events more than 3.500 persons directly participated in exploitation activities. It has to be noted that in the case of Eummena who documented only 30 directly involved individuals, two participants are national key multipliers and the coverage reached in total cannot be specified. Partner UBT as university and teachers educator successfully used the access to students and pre-service teachers for the sustainable implementation of GreeNET products and directly involved a high number of individuals.

3.2 GreeNET partners contacts

Besides the documentation of exploitation activities partners were asked to expand their contacts and to update the project's contact-list accordingly. In the framework of sub-Del.7.2.1. *Associated Partners Network* some success indicators were defined, a targeted number of 120 contacts (on average 15 contacts per partner) at the end of the project was envisaged.

In October 2015 the GreeNET contact-list contains data of 119 contacts in the fields of environmental education and green living, all partners contributed to this list even though to a different degree. The GreeNET contacts can be found in the Annex (Chapter 7.2). It has to be stated that GreeNET partners have been very successful in reaching the self-defined goals.

According to the target audiences the consortium has defined different "types of contacts" at the beginning of the project. During the expansion process of the GreeNET contacts partners were asked to allocate new contacts to these target audiences/ stakeholder groups:

Types of contacts/ organisations/ institutions:

1. Ministries, governmental authorities (Environment, Education, Agriculture, Forestry etc.)
2. School networks, teachers associations, educational stakeholder organisations
3. Educational portals and servers (subject based, teacher oriented)
4. Universities and research centers (science, environment, science education, green science development)
5. Environmental education organisations
6. Nonprofit organisations (environmental concerns, promoting „green living“)

7. Institutions providing informal learning (science centers, nature parks etc.)
8. Organisations/ Institutions representing the green labour market
9. Other bodies representing education or environmental issues

The GreeNET contact list consists of institution/ organisations of all pre-defined types, some contacts represent more than one stakeholder group. School networks/ teacher associations, universities/research centers and representatives of the “green labour market” are represented at the most. This list can be regarded as an important pool of contact persons for GreeNET partners and associated institutions for future activities and initiatives of in the field of environmental education and green issues. Thus it can be presumed that a strong base for the sustainability of the GreeNET networking activities and the sustainable use of the projects outcomes has been created with the setup of such a stakeholders’ contact-list.

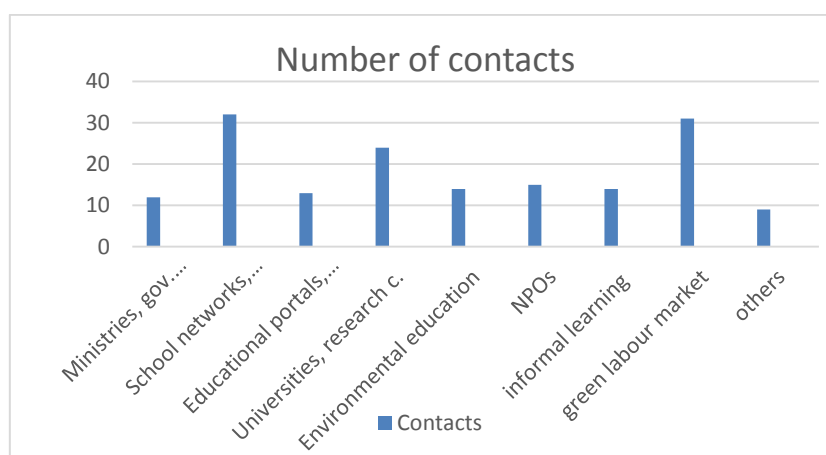


Figure 9: Types of contacts, GreeNET contact list

3.3 GreeNET communities in the ODS, other communities.

3.3.1 GreeNET communities in the ODS portal

Most GreeNET partners used the community building tools and networking instruments that are provided in the Open Discovery Space portal. EA, BMBF, ECOI, AUA and GRNET have created GreeNET communities in the ODS <http://www.opendiscoveryospace.eu/communities>.

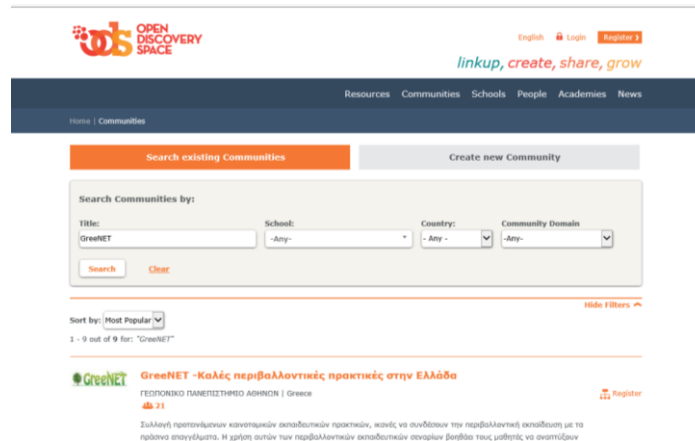


Figure 10: Community building in the ODS

Using these ODS communities GreenNET partners pursue diverse objectives, e.g. collect and exchange educational resources, announce and report on interesting events, discuss with experts/ teachers about specific topics and link to the GreenNET repository. A broad range of functions and community building tools are provided in the ODS: members, groups, events, discussions, activities, blogs, polls, resources (see - <http://portal.opendiscoveryspace.eu/>)

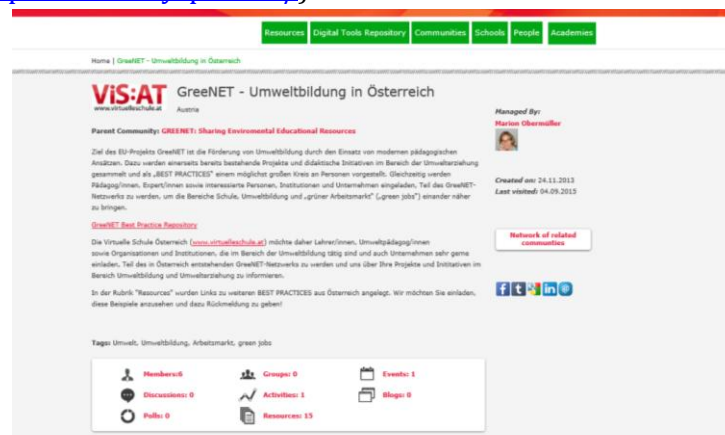


Figure 11: Austrian community for training purposes

The most important impact of these communities seems to be the sustainable availability and future usage of educational resources that have been collected, used, adapted and developed during the GreenNET implementation and validation activities. During the implementation phase of GreenNET teacher trainers and instructors have uploaded relevant educational resources to the ODS portal and shared them with teachers and interested stakeholders. In the ODS portal resources can only be uploaded by community members whereas these resources can also be viewed by teachers that are not ODS members. The Open Discovery Space project ended in September 2015 but the portal will be maintained beyond and the functions and resources will be available for interested teachers and stakeholders in the future.

3.3.2 Other communities dedicated to the GreeNET project

The project partner EA is part of several communities /networks devoted to innovation in education. Some indicative examples are:

- ECSITE - European Collaborative for Science, Industry and Technology Education (BELGIUM)
- European Resuscitation Council (BELGIUM)
- EUN - European Schoolnet (BELGIUM)
- STEDE - Science Teacher Education Development in Europe (BELGIUM)
- EDEN - European Distance Education Network (HUNGARY)

4 The Associated Partners Network

4.1 Establishment of the “Associated Partners Network”

As already outlined in chapter 2.1.4. in this report the establishment and maintenance of an “Associated Partners Network” is an utmost concern of the GreeNET exploitation activities. In order to reach this goal BMBF as WP7-leader elaborated a particular document to support partners in their efforts in the most effective way. The Sub-Deliverable 7.2.1. *Associated Partners Network* was finalized with the feedback and input of partners in February 2014 and provided on the projects collaboration platform BSCW. Taking into consideration that partners needed some time for translations we presume that March 2014 can be regarded as starting date for the invitation process of the „GreeNET Associated Partners Network“.

Sub-Del.7.2.1. *Associated Partners Network* is a separate document that was delivered to the European Commission together with Del.7.2. *Updated Exploitation Plan*. This document outlines very concrete descriptions of how to build up such a network, what GreeNET offers to and expects from associated institution and provides information material, sample texts for e.g. invitation emails or the mutual agreement (for details see sub-Del.7.2.1., *Associated Partners Network*). Under the coordination of the leading partner BMBF the GreeNET partners started to build up this collaborative network which brought substantial benefits for the project. The consortium also defined a target number of 28 associated institutions/organisations as “success indicator” for these efforts. In Del.7.2. *Updated Exploitation Plan* an interim status of the proceedings of this network was outlined and recommendations concerning the work in the last month of the project were given by BMBF.

After having signed the mutual agreement the partner institutions were published on the “Associated Partners” area of the GreeNET website (<http://greenet.ea.gr/content/associated-partners>). At the end of the project the “Associated Partners Network” counts 25 partner institutions/ organisations. Referring to the success indicator the GreeNET consortium states that the GreeNET partners nearly reached the self-defined ambitious goals. The pleasing results from the google analytics system for the whole period of project’s site operation (10.641 page views and 4.181 users) suggest the assumption that a certain part of users and visitors will return to the projects’ website and the links of network partners in the future. The website and the “Associated Partners” area therefore will play a prominent role in keeping the GreeNET outcomes and developments alive.



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Figure 12: GreenNET Associated Partners on the GreenNET Website

4.2 The GreenNET associated partner institutions/organisations

Based on the strategy outlined in sub-Del.7.2.1. *Associated Partners Network* GreenNET partners started to build up a collaborative network. Within 20 month of work 25 partner institutions joint the network. The GreenNET consortium wants to point out that the expertise and the fields of activities of the associated partner organisations of the GreenNET project are wide spread and cover a broad range of aspects of environmental and educational concerns. Environmental issues, pedagogy and training as well as project-based learning can be found in the scope of activities of these institutions/ organizations.

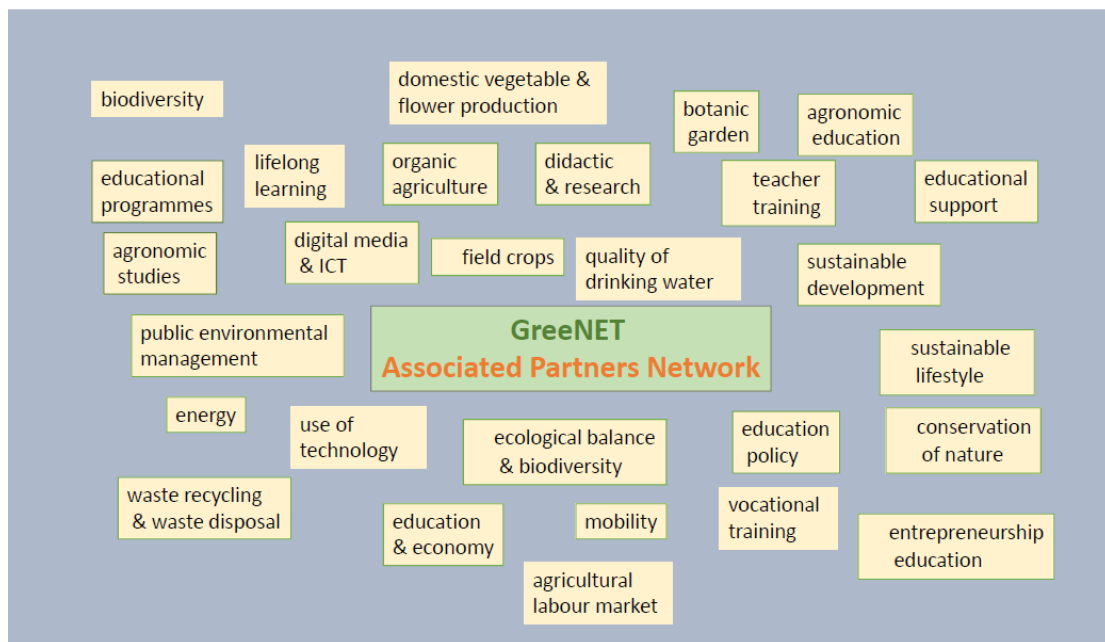


Figure 13: Associated Partners fields of work

Referring to the target groups for the GreeNET „Associated Partners Programme“ we have to state that one important group was hard to acquire and thus is not represented as desired, namely companies or institutions representing the „green labour market“. None the less GreeNET has started ground-breaking collaborations with companies through some associated partner institutions. An example for this is the collaboration with SIEMENS through the associated partner “Association for Education and Economics Vienna & Lower Austria”. Siemens has a unique position for apprenticeship training in Europa and focuses on sustainability.

The GreeNET associated partner organisations/ institutions in detail:

	Organisation/ Institution	Country	Field of activities
1	die umweltberatung (eco-counselling Vienna)	Austria	“eco-counselling Vienna” stands for a sustainable lifestyle . Experts offer independent and customized practical advice for everyday life, the main topics are environmentally sound building/living and cleaning, sustainable gardening, organic food/nutrition and eco-textiles.
2	Organisation Earth	Greece	Greek environmental NGO , provides education for sustainable development to teachers, students, adults, offers educational programs for teachers and students as well as unemployed, organization of conferences , workshops and fairs, collaboration with Greek schools and Ministry of Rural Development and Food
3	Forum Umweltbildung (Environmental Education Forum)	Austria	“ Environmental Education Forum ” offers educational support via publications, websites, events like conferences and workshops, innovative flagship projects, educational networks, educational funds and personal contact. .
4	Energie- und Umweltagentur Niederösterreich (Energy- and Environmental Agency, Lower Austria)	Austria	The Energy and Environment Agency of Lower Austria (eNu) is the point of first contact for questions dealing with energy, the environment, and the conservation of nature in the province Lower Austria.
5	Entredu	EU project; Luxembourg, Romania, France, Greece	The ENTREDU goals are to enable networking between developers of entrepreneurship education , to create an online community of practitioners and thus to support educators in the development of pedagogies, concepts and cross-curricula for entrepreneurship education through an online platform.

6	Cesire	Spain	CESIRE is a permanent training center of teachers of Elementary and Middle Schools in Catalonia. They have a network between teachers, schools and research institutions to improve teaching and learning through educational research and innovative educational resources and projects.
7	Lake Pamvotis	Greece	Public environmental organization , the main interest is to conserve the Pamvotis lake area, monitoring programs, educational programs for teachers and students related sustainable development, ecological balance, biodiversity, organization of workshops
8	Agro-Know	Greece	Agro-Know is an extraordinary company that captures, organizes and adds value to the rich information available in agricultural and biodiversity sciences , in order to make it universally accessible, useful and meaningful.
9	University of Agronomic Science and Veterinary Medicine – București, Faculty of Agriculture	Romania	The Faculty of Agriculture was established in 1852 and has had a large didactic and research experience both nationally and internationally as it is the oldest and most prestigious agronomic higher educational institution in Romania.
10	2nd Directorate of Secondary Education of Athens	Greece	Public organization, branch of the Ministry of Education , that acts as an intermediate between the Ministry and schools, mainly aiming to transform national priorities into concrete educational plans.
11	Barcelona City Council	Spain	The Department of Urban Services and Environment offers a set of environmental education programmes, activities and resources to the education sector and also to all Barcelona city residents with the intention of spreading awareness of the city's environmental management.
12	PATHWAY – The Pathway to Inquiry Based Science Teaching	EU-project	The project has set the PATHWAY toward a standard-based approach to teaching science by inquiry , to support the adoption of inquiry teaching by demonstrating ways to reduce the constraints presented by teachers and school organisation. Within the project (2011-2013; coordinated by UBT) a network of

			engaged teachers and schools was formed.
13	Zweckmüllverband Schwandorf (ZMS)	Germany	The ZMS is a special purpose association currently consisting of 17 Bavarian member districts dedicated to waste recycling and waste disposal . It uses a central waste-fired power plant located in Schwandorf to utilize residual waste in an ecologically future-oriented and economic way. The association also focus on environmental education on local level raising awareness for sustainable and green energy as well for waste reduction.
14	Ökologisch-botanischer Garten	Germany	The ecological-botanical garden (ÖBG) was founded as a central institution of the University of Bayreuth in 1978. Within its boundaries it accommodates over 10 000 plant species from all over the world. They are mostly grown in environments closely resembling their natural habitats. As outreach institution ÖBG aims to educate students and public concerning conservation of plant biodiversity.
15	CTI - Computer Technology Institute and Press Diophantus	Greece	CTI is one of the major R&D institutes in Greece specializing in ICTs . Particular emphasis is placed on education, by developing and deploying conventional and digital media in education and lifelong learning.
16	Mediterranean Agronomic Institute of Chania (MAICh)	Greece	MAICh is the 4th constituent institute of CIHEAM, the International Centre for Advanced Mediterranean Agronomic Studies , an Intergovernmental Organisation which was founded at the joint initiative of the OECD and the Council of Europe under an agreement signed by the governments of seven southern European countries : France, Greece, Italy, Portugal, Spain, Turkey and Yugoslavia
17	Laboratory of Crop Production	Greece	The objectives of the Laboratory of Crop production are teaching and research on field crops , namely: the study of all factors affecting crop production (aerial environment, soil, plant genotype) and the development of the appropriate techniques for achieving high yields and better quality of the products.
18	FIBL Forschungsinstitut für	Austria	The "Research Institute of Organic

	biologischen Landbau		Agriculture ” is an independent, non-profit, research institute with the aim of advancing cutting-edge science in the field of organic agriculture. FiBL’s research team works together with farmers to develop innovative and cost-effective solutions to boost agricultural productivity while never losing sight of environmental, health and socio-economic impacts.
19	ECVET-Step	Greece	ECVET-STEP aims in making the best value of the ECVET system, facilitating the transfer, accumulation and recognition of credits and learning outcomes or competence acquired otherwise between countries, thus promoting mobility and lifelong learning .
20	Ökosoziales Studierendenforum Österreich	Austria	The “Ökosoziales Studierendenforum Österreich” is a group of students and university graduates who support the concerns of the Global Marshall Plan and the ecosocial market economy and establish them among students.
21	The Association for Education and Economics Vienna & Lower Austria	Austria	The Association for Education and Economics Vienna & Lower Austria (VWG) encourages innovation in skills development by facilitating partnerships between companies, schools and organisations , that create and pilot new approaches to education and training for young people in Austria, based on the VWG’s motto „Lead through Education“.
22	Ariadne Foundation	Belgium	The ARIADNE Foundation is a not-for-profit association that aims to carry out basic and applied research that will improve creation, sharing and reuse of knowledge through the use of technology .
23.	Wasserverband Feistritztal	Austria	The Water Association Feistritztal consists of 11 municipalities, which ensures the supply of drinking water in the communities and also provides, together with the fire brigades of the communities for the safety of citizens. Permanent investigations on quality of drinking water are included as well as the maintenance of collecting systems.
24.	LAVA	Greece	LAVA Mining and Quarrying Co. S.A. is a subsidiary of HERACLES Group, that has been active since 1952 in quarrying, processing and trading

			of industrial minerals with significant exports' activity. Additionally, it has introduced a range of products useful for commercial or even domestic vegetable and flower production . At the same time LAVA's vision is to enhance biodiversity , create strong relations with local communities, increase environmental awareness among school children and connect students with green market.
25.	ACT - "Agricultural Alliance for Competence and Skills-based Training" project	EU-project	The "Agricultural Alliance for Competence and Skills-based Training" project (ACT) aims to facilitate and accelerate a better match between the needs of the agricultural labour market and the vocational educational training opportunities. ACT will reach this aim by engaging core actors from the complementary fields (VET, labour market and policy) in a constant and constructive dialogue with the following specific objectives.

Table 1: Overview on fields of activities of GreeNET associated partner institutions

4.3 Benefits and visions for the future

All GreeNET partners undertook considerable efforts to get in contact with relevant institutions/ organisations on the national level and to acquire them for a stronger collaboration with the GreeNET project. All partners started activities to introduce the project to these institutions and presented the mutual benefits of the "GreeNET Associated Partners Network". Finally the network counts 25 partners representing NGOs, Universities, EU-projects, public bodies, education and teacher training institutions etc. From the beginning of the acquisition process it was evident that the aspect of a potential future usage of the GreeNET outcomes by the associated partners after the end of the projects' lifetime was a central point. The achievements and results of the GreeNET project shall be sustainably used and further developed after the funding period of this EU project.

Although the European Commission supports unique standards the frame conditions of the core aspects of the GreeNET project namely *environmental education, inquiry based science teaching, e-learning* and *"green jobs"* vary in different partner countries. Thus it is obvious that the collaboration with (national) partner institutions, the mutual benefits and the future prospects differ in the partner countries of the project.

4.3.1 BMBFs collaborations and visions for the future

BMBF started the promotion process for the “GreenNET Associated Partner Network” with those institutions/ organisations that have contributed to the Austrian GreenNET Best Practices collection (see <http://www.greenet-education.eu/greenet/>).

Two of these contributing institutions are schools and we had to learn soon that these bodies have problems with administrative issues. In concrete we failed at signing the mutual agreement for collaboration - which does not mean that there is no collaboration! Three BP contributing institutions are NPOs/NGOs in the field of environmental education (*Eco-counselling Vienna, Environmental Education Forum, Energy- and Environmental Agency of Lower Austria*) and the mutual benefits of a collaboration with the Ministry of Education as partner of the GreenNET project was evident to them. The GreenNET team of BMBF especially pointed out the dissemination channels of the ministry and the opportunities for training cooperation. Therefore further *examples of good practice* provided by these institutions/ organisations were integrated to the ODS community “GreenNET – Umweltbildung in Österreich” (Environmental education in Austria) <http://www.opendiscoveryspace.eu/community/greenet-umweltbildung-osterreich-388487>.

During the implementation phase this ODS community and the integrated resources were the core tool of demonstration and training activities from BMBF but were also used by associated partners in their own training events. The fourth associated partner of BMBF is the *Research Institute of Organic Agriculture*. This institute designed a specific project “School of Eating” and planned to start pilot activities in schools in collaboration with the GreenNET project. A specific community was created on the ODS (<http://www.opendiscoveryspace.eu/community/projekt-schule-des-essens-fiblforschungsinstitut-fur-biologischen-landbau-828328>) to support the educational activities within this project that became a further GreenNET Best Practice and a real “success story” (described in Del.7.4.³).

As all GreenNET Best Practices, relevant resources and educational material are linked to the ODS portal the pre-conditions for their future usage and further development are very positive. All four associated partners of the BMBF offer a broad range of teacher training and school activities where these resources will be used. The BMBF itself is partner in diverse international projects (e.g. “Ark of Inquiry”, “Green Learning Net”, “Scientix” - see Virtual School Austria, international projects <http://virtuelleschule.bmbf.gv.at/projekte-international/>) that focus on some main aspects of the GreenNET project as *e-learning, environmental education and inquiry learning*. Hence the outcomes of the GreenNET project will be taken up in related contexts and thus further used and advanced. On the national level the ministry of education strongly collaborates with a school network (*ENIS – European Network of Innovative Schools – Austria* <http://www.enis.at/>) that focuses on innovative educational approaches with the use of ICT. ENIS regularly organises meetings and exchange forums and the GreenNET

³ Ministry of Education and Women Affairs (BMBF), Austria: *The Guide for Bringing Green Science Education Development in European School Communities* – published after the end of the project, 2015

products will be presented to a broader audience of interested stakeholders and thus may build a basis for future environmental school projects.

4.3.2 EA collaborations and visions for the future

EA is working closely together with the following associated partners in order to guarantee sustainability and implement results beyond the lifetime of the GreenNET project.

- ENTREDU PROJECT CONSORTIUM

The ENTREDU goals are to enable networking between developers of entrepreneurship education and therefore its close link with GreenNET through EA is very important towards the goal to connect project's best cases with "green careers".

Moreover, the ENTREDU leader is the organization managing ODS which is the main tool of GreenNET in order to build and maintain several communities of teachers towards the utilization of GreenNET best cases.

- COMPUTER TECHNOLOGY INSTITUTE and Press "Diophantus"

The Computer Technology Institute and Press Diophantus (CTI – www.cti.gr) is one of the major R&D institutes in Greece specializing in ICTs. In the last 10 years, CTI has successfully participated in more than 100 R&D projects, exhibiting basic and applied research activity in areas such as algorithms, complexity and optimization, wireless and sensor networks, complex information systems design and development, embedded systems, innovative technologies for education and lifelong learning among other. Particular emphasis is placed on education, by developing and deploying conventional and digital media in education and lifelong learning; publishing printed and electronic educational materials; administrating and managing the Greek School Network; and supporting the organization and operation of the electronic infrastructure of the Greek Ministry of Education and Religious Affairs and all educational units.

The Directorate of Telematics and Applications for Regional development of CTI "Diophantus" (www.westgate.gr) which is acting as an associated partner for the GREENET project, was established with the basic objective to enhance regional development through the effective use of new ICT for the regions covered from the institute.

The main interest from CTI concerning project best cases has to do with two pillars:

- Application of best cases in school based activities.
- Provision of motivation opportunities in relation with Green careers for students.
- 2nd Directorate of Secondary Education of Athens

The Directorate supervises a great amount of secondary education public school in Athens and therefore its collaboration with EA assures the connection of future GreenNET based activities in actual schools.

4.3.3 GRNET collaborations and vision for the future

Over the last years, the Greek Research & Technology Network (GRNET) has established a diverse network consisting of stakeholders in green education. Starting from projects like the eContentPlus Organic.Edunet and moving to others like the LdV Organic.Balkanet and the ICT-PSP Natural Europe, GRNET has collaborated with stakeholders such as schools and universities, training centres, individual trainers, associations etc. involved in the education and training in the agricultural, environmental and biodiversity context. Through the lifetime of the GreeNET project, GRNET has approached the most relevant contacts that would be interested in the outcomes of the GreeNET project, in order to ensure affiliation and exploitation of the project's outcomes.

In this direction, a number of projects were approached and asked to become affiliated partners of the project; not focusing on the typical aspect of the process (e.g. signing the required documents) but on the most substantial one, which was the adaptation of the GreeNET project's outcomes. One of the projects successfully approached for this purpose is ECVET-STEP (www.ecvet-step.eu), a project that aims to facilitate the transfer, accumulation and recognition of credits and learning outcomes or competence acquired otherwise between countries, thus promoting mobility and lifelong learning in various contexts but focusing on agriculture. Following fruitful discussions with the project's partners, it was agreed that the ECVET-STEP project would benefit from the integration of GreeNET's outcomes in their planned framework. In addition, the Agricultural Alliance for Competence and Skills based Training (ACT; <http://www.act-now.eu>) project that is working on improving the needs of the agricultural labour market and the vocational educational training opportunities. As in the previous case, in the case of ACT it was discussed that the GreeNET outcomes could be used for serving the project's needs.

Another event with potential was the collaboration between the GRNET and the Green Learning Network project (www.greenlearningnetwork.eu) for the organization and facilitation of the Green Ideas 2014 Workshop. Green Ideas 2015 was organized in the context of the EA Summer School at Marathon Athens on 14/7/2014, and aimed at informing the participants (teachers, educators and business representatives) about the projects, the implementation of the GreeNET methodology as best practice and the authoring of educational scenarios. This event provided a great dissemination opportunity for the GreeNET project while at the same time business perspectives of the adaptation of its tools were discussed.

4.3.4 AUA collaborations and vision for the future

AUA has selected very carefully its associated partners for GreeNET project. First of all, the majority of our associated partners have been involved from the beginning of the project, as we got feedback from them in order to select our GreeNET Best Practices. Secondly, our aim was to engage our associated partners as more as we could, not only during the project but with the scope to support their environmental activities and after the project (at this point we are relying also in the AUA ODS communities, Best Practices ICT tools, as well as the final guide of the project). This is why we organized and imple-

mented different kinds of GreenNET activities, as teacher trainings, at their facilities and with their cooperation, to feel that they participate actively in the necessary procedures of the project, but also in the results.

Another important point is that the selected partners are truly interested for this specific project and its outcomes, as 3 from the 5 associated partners (Organization Earth, Lake Pamvotis and MAICh) have as one of their main activities to create environmental scenarios for schools and enhanced environmental awareness to children. At the same time, the vision of LAVA green company related sustainable development is to connect students with daily environmental issues and green market. Therefore wish to be well informed with environmental best practices that will implement in different areas of Greece. The remaining associated partner Laboratory of Crop Production has been involved (and most of the time scientifically support) in various environmental educational programmes for school students and provide us with important feedback. Moreover, AUA has built a strong relationship with the Primary Faculty of Education of University of Ioannina. Although is not one of our associated partners we had the opportunity to collaborate through our activities, introduce GreenNET project, discuss and get significant feedback from University students that will become teachers, teachers and academics related environmental education.

It is very crucial to point out that during the GreenNET project we were informing frequently our associated partners about the latest news of GreenNET project via email or telephone calls to establish a strong relationship. Of course, at this point we have to mention also GreenNET's Facebook account that really helped.

Thus, our Best Practices and the final results of the project were disseminated to our target groups initially via our implementation/ validation activities, but we strongly believe that they will continue disseminated or even improved as our associated partners are going to implement and spread them through their related activities and of course their social network.

4.3.5 STVG collaborations and visions for the future...

As described in "D6.3 – Final Plan for Dissemination and Use of Project Results" in close cooperation with the associated partners activities and approaches for use of GreenNET services and outcomes in the future are planned.

The **EcoSocial Students-Forum** will inform about GreenNET activities, contents and outcomes at national and provincial level as well as at European level. The EcoSocial Students-Forum has high interest to influence students, student applicants and graduates with „green ideas“ and contribute to green thinking, teaching and learning at academic and University level. Outcomes and experiences of GreenNET are a valuable source for that target.

With a long-term tradition of working with „green topics“ since 2001 the EcoSocial Forum including the EcoSocial Students-Forum is a guarantee for sustainable and continuous activities concerning GreenNET contents, practices and products.

The **Association for Education and Economics Vienna / Lower Austria** (VG W/NÖ) as a part of the Austrian wide network of Associations for Education and Economics in all nine Austrian provinces is working at topics out of the area education and economics in two Austrian provinces, Vienna, also the capital of Austria, and the largest Austrian province, Lower Austria at the interfaces of education and economics, with multitudinous contacts to business, companies and industry.

VG W/NÖ will take the outcomes, practices and results of GreenNET as part of the continuous work to bridge the gap between school and world of work, with the central aim to improve pedagogical processes in school concerning the needs and demands of companies and enterprises, especially with the focus on green topics, green contents and competences and green thinking and green attitude of students, graduates and job applicants in the future.

The Wasserverband Feistritztal – **Association for Water Feistritztal** (Wasserverband) is working on tasks of information and awareness raising regarding all relevant issues and topics around „water“ as a central topic of nature, environment and healthy life of mankind. To reach this target the Wasserverband has an intensive activity together with all schools in the region, to inform about conditions and needs to secure environment and water quality for the future.

GreenNET outcomes, practices concerning water topics are valuable sources to feed this information and awareness raising work, to support teachers with pedagogic materials and project ideas, also together with companies and enterprises in the region as future employer of students in school, as partner in education with the important apprentice training in companies and as relevant actors for saving quality of clean water through less emissions, reduce of waste and reduce the use of water for production in companies.

Additional STVG is working together with the associated partners and additional contact institutions at several levels, especially with the aim to bring together the area of school and education and the world of work. Examples for these issues is the cooperation with the Federation of Industry, at provincial level as well as at Austrian national level, in the area of educational policies and environmental interests. Some information about approaches of this institution is available at <http://www.iv-net.at/b1400m117/umwelt-2020-energie---effizienz---wachstum/>

To improve the contact between education and economics STVG has strong communication and cooperation with the area of teacher training. This area is a very effective option for implementing results and outcomes of GreenNET and bring them into the pedagogical process and in classroom. Examples for that approaches are available on <https://phst.at/weiterbildung/weiterbildungsangebot/lehrgaenge/lehrgaenge-von-a-bis-z/oekolog-umweltpaedagogik-und-lebensqualitaet-fuer-die-zukunft/> as well as in the website <http://www.umwelt.graz.at/cms/beitrag/10117060/4850114/>, because STVG is strongly involved into the development and implementation of an educational strategy for the municipality of Graz as a responsible stakeholder for educational gov-

ernance in Graz. Following this example additional cooperation approaches at local and regional level are planned.

4.3.6 ECOI collaborations and visions for the future...

Ecoinstitut opted from the start of the GreeNET project to collaborate closely with the Barcelona City Council, the Department for Environmental Education, which is responsible for the School Agenda21 Programme, one of the examples of best practices of the GreeNET compendium. As the [Barcelona School Agenda 21 Programme \(now + Sustainable Schools\)](#) is a network with 325 involved schools, it became a key partner for the implementation of the GreeNET project activities in Spain, and after solving administrative issues, the Barcelona City Council became associated partner of the GreeNET project. Both the "+ Sustainable Schools" secretariat and interested schools (especially those dedicated to professional training) were involved in all phases of the GreeNET project activities.

A second associated partner agreement was signed with the Department of Education of the Catalan Government, and Ecoinstitut established regular interchange and collaboration with [CESIRE, Center for Educational Research and Innovation](#), a permanent training center of teachers of Elementary and Middle Schools in Catalonia.

Ecoinstitut collaborates with the Barcelona School Agenda 21 Programme and CESIRE, within their organizations, to promote and develop the activities, improving the results with their expertise and daily work with schools, teachers, students, educational communities, educational experts, etc. During the implementation phase Ecoinstitut created 2 ODS communities and tested and evaluated them closely together with the 2 associated partners: one community based on the best practice "GreeNET Best Practices: The Barcelona School Agenda 21 Programme" (<http://www.opendiscoveryspace.eu/community/greenet-best-practice-barcelona-school-agenda-21-programme-829999>) and one related to waste prevention plans: "*Pla de Prevenció de Residus (PPR) als centres escolars*" (in catalan, *Waste Prevention Plan in Schools*), as a subcommunity of the first one, and will be available for future activities and further development.

Additionally both associated partners, Barcelona School Agenda 21 Programme and CESIRE, have their own network for teachers, schools and research institutions and their Open Educational Resources, focusing on main aspects and values related to the GreeNET project. All materials and activities from the GreeNET project have been shared with the 2 associated partners and will be available for future activities and projects with schools and teachers.

4.3.7 Eummena collaboration and visions for the future

Eummena has strong collaboration with the Ariadne and ODS community technical providers and they work together to build the future tools and solutions that would enable environmental teachers to have access to best practices and learning resources across Europe and worldwide. All the best practices developed in GreeNET project will be ac-

cessible to teachers using ODS, Ariadne and Globe repositories of learning resources. Eummena will work on promoting the use of all tools developed in GreenNET project, like Moodle LMS and the ODS GreenNET widget to be used by all schools and institutions who use Moodle as learning platform. This shall ensure higher involvement of teachers in future activities related to best practices developed in GreenNET project.

4.3.8 UBT collaborations and visions for the future

The University of Bayreuth established contact to three partners within the GreenNET Network. The associated partner project PATHWAY has access to various schools and teachers in different European countries which focus on fostering inquiry-based science education. Within this collaboration GreenNET benefits from the already existing network of PATHWAY as well as from the elaborated methodology and practices concerning inquiry-based-learning. The partners Ökologisch-Botanischer Garten (ÖBG) and the Zweckverband Müllverwertung Schwandorf (ZMS) are two valuable associated partners which provide their institution for GreenNET's Best Practices as well as their contacts to local teachers. Both partners are institutions at the green labour market which have mutual experiences with educational projects and initiatives. In future they will establish and implement the Best Practices on local level.

4.3.9 Collaborations with initiatives beyond Europe

Although the GreenNET project has no "Associated Partner" from beyond Europe the consortium has consequently built up connections and collaborations with institutions in countries beyond the bounds of the European Union:

- The partners BMBF and GRNET strongly collaborate with the Green Learning Network project (GLN - <http://www.greenlearningnetwork.eu/>) which has an South African partner institution, the South African Institute for Distance Education (<http://www.saide.org.za/>).
- As mentioned above main exploitation tool for the consortium was the synergy with the Open Discovery Space (ODS - <http://www.opendiscoveryspace.eu/>) portal where all partners created their communities. ODS is a successful PanEuropean initiative where several organization and schools from all over Europe are connected and collaborating. Among them several important networks are participating, assuring connection with relevant initiatives and stakeholders outside European Community (e.g. EDEN, UNESCO)

5 GreeNET publications and papers

Some partners of the GreeNET consortium presented the project and its' outcomes in international scientific forums and published papers in the thematic areas of science education and environmental education:

1. EA, ECOI and UBT: *GreeNET – connecting environmental education with the labour market*; paper published in *Proceedings of INTERNATIONAL JOINT CONFERENCES - 16th Conference of the European Roundtable on Sustainable Consumption and Production (ERSCP) & 7th Conference of the Environmental Management for Sustainable Universities (EMSU)*, 2013
2. EA: *Environmental Education through Inquiry and Technology*; submitted for the IO-STE Symposium 2013, <http://www.ioste2013.org/wp-content/uploads/2013/04/abstracts-BOOK1.pdf>
3. EA: *GreeNET - Towards the Formation of a Teachers Network on Environmental Education through Inquiry and Technology*; paper submitted for the INQUIRE Conference 2013
4. UBT: regularly publishes “News from the University's projects and researches”:
 - GreeNET project introduction, 2012: <http://www.bayceer.uni-bayreuth.de/didaktik-bio/de/top/html/112900/319-Biologiedidaktik.pdf>
 - GreeNET Best Practice HOBOS,2014: http://www.bayceer.uni-bayreuth.de/didaktik-bio/de/top/html/123903/Bienen_live.pdf
5. GRNET: *Environmental Education Through Enquiry And Technology: The Case of the GreeNET Project*”, submitted for the *Proceedings of the European Distance and E-Learning Network 2015 Open Classroom Conference*, 2015
6. BMBF (Austrian Ministry of Education and Women Affairs): *The Guide for Bringing Green Science Education Development in European School Communities* – published after the end of the project, 2015 A specific chapter in this guide is dedicated to GreeNET “Success Stories”, best practice examples that are characterized by extraordinary positive feedback by various stakeholders and thus promise successful implementation in the future.
7. UBT: *GreeNET: Supporting green careers through effective educational initiatives*, *Proceedings of the European Distance and E-Learning Network 2015 Open Classroom Conference*, 2015
8. AUA: *Educational Scenario of hydroponic school garden- GreeNET project: Development of the inoculation technique of common bean with N₂-fixing bacteria and their isolation from a hydroponic school garden*. Submitted for the proceedings of the 27th National Conference of Greek Society of Horticultural Science.

6 Conclusions and Recommendations

6.1 Conclusions and “lesson learnt”

This GreeNET *Final Exploitation Plan* as a public report can be regarded as a summary on the exploitation efforts undertaken by the GreeNET consortium. The exploitation activities were planned and organised in accordance with the progress of the project developments and findings. This report refers to two other reports that document the exploitation strategy and the relative activities of partners (Del. 7.1. *Initial Exploitation Plan*, Del.7.2. *Updated Exploitation Plan*).

All in all GreeNET partners used several channels to address relevant stakeholders to engage them in sustainability activities. Exploitation activities in general were planned to ensure optimal use of the project results throughout and beyond the duration of the project. Therefore exploitation activities focused on the integration of the results and outcomes into teaching practices, curricula and research agendas. The developed educational material and the GreeNET *Best Practices* were and will be implemented in the training programs of the participating and associated institutions. For sustainability it is essential to keep the results of the project visible and available even after the project is completed. Throughout the duration of the project the outcomes were taken up and used in diverse contexts, as well as they can be customized by associated partner organisations to suit their needs in the future. It is important to keep the work and results of three years available through websites and digital instruments so that target audiences can access them, adapt them and work them out to the next level.

Referring to the specifications of the GreeNET exploitation plan and the main components of the exploitation strategy (see Figure 1) it can be stated that the consortium was very successful and reached the ambitious self-defined exploitation goals:

- ✓ In the framework of WP4 (=Implementation) the project involved especially teachers, teacher trainers and educational stakeholders in training activities by introducing and using the GreeNET products such as the GreeNET Best Practices Repository and the GreeNET Inventory. The total number of directly involved 1.433 teachers and the pleasing results of the evaluation (WP5) give good reason for hope that a certain percentage of these individuals will use the GreeNET outcomes in the future.
- ✓ Numerous individuals were involved and are connected to the GreeNET project via the social media campaigns on **Facebook**. The raising number of likes indicate a vivid virtual community.
- ✓ Extensive efforts have been undertaken by all GreeNET partners to organise **exploitation activities** on diverse levels (local, national, international) that focused on the sustainable use of GreeNET products after the projects lifetime. Therefore numerous events have been organised in all partner countries, involving much more than 3500 individuals in sustainable activities.

- ✓ The establishment of the “Associated Partners Network” was a core concern of the GreenNET consortium. Enormous efforts have been undertaken to establish a collaborative network of associated partners. Although the consortium slightly failed to reach the self-defined goals the *GreenNET Associated Partners Network* counts 25 institutions that have strong interest in exploiting, using and adapting the GreenNET outcomes in their future work. The partner institutions cover a broad range of activities in the field of environmental education and “green living”. Although the “green labour market” is not represented at the desired extend ground-breaking collaborations have started with European key players (Siemens, apprenticeship programme).
- ✓ The GreenNET partner’s **contact-list** is a valuable pool for future projects and initiatives based on the GreenNET developments. It is noteworthy that a high number of the GreenNET contacts represent the green labour market. This indicates that collaborations between GreenNET and representatives of the green labour market have taken place to a certain extend and can be enhanced in the future.
- ✓ Many GreenNET partners (BMBF, UBT, ECOI and EA) started to use the meta-portal *Open Discovery Space* for the exploitation of GreenNET activities in diverse manners. This meta-portal enables access to broad educational audiences and ensures the availability of GreenNET best practices and educational resources after the projects end.
- ✓ The publication of the *The Guide for Bringing Green Science Education Development in European School Communities* (GreenNET Del.7.4.) at the end of the project will pave the way to support teachers in implementing forward-looking environmental education. The main conclusions of the three years project and recommendations for practitioners and educational stakeholder are summarised in this publication. A specific chapter in this guide is dedicated to GreenNET “Success Stories” - best practice examples that are characterized by extraordinary positive feedback by various stakeholders and thus promise successful implementation in the future.
- ✓ The GreenNET e-tools have been proven as a successful mean for project exploitation (indicative numbers: >4.000 users in the web site, >10.500 page views in the web site, 4 e-tools attached to the web site, connection with almost 4.000 green-based educational resources, >9.000 hits in the web2.0 supported project moodle platform, 16 communities established in the ODS Portal with 154 members). The assured further viability of these tools (as agreed by the consortium) will provide a further valuable tool for sustainability of results.

All it all it can be concluded that the efforts in WP7 *Exploitation* have paved the way for a sustainable use of the GreenNET outcomes based on different pillars.

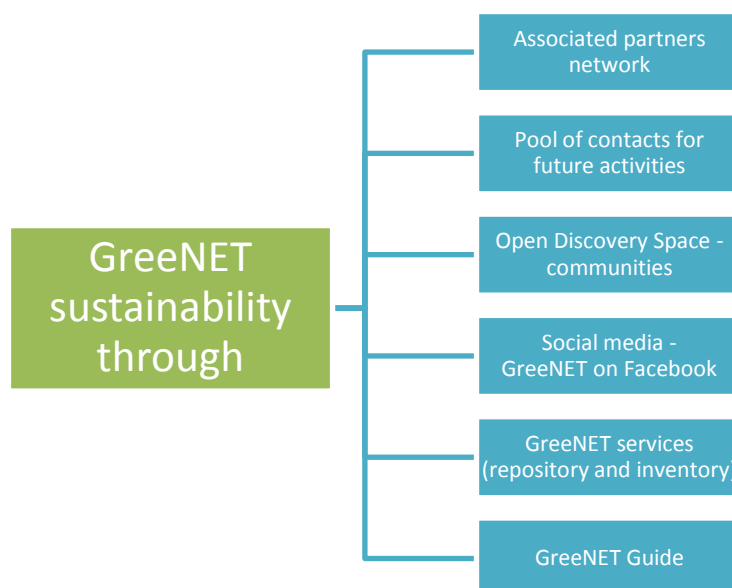


Figure 14: GreeNET sustainability tools

The activities in WP7 revealed that “green topics” are well taken up in school environment, especially in the framework of project based learning activities. Besides some partners had to realise that examples of good practice of environmental education exist in a certain amount in each partner country but they are not so well known by a broader audience. An important “lesson learnt” was that some types of organisations are not easy to recruit for mutual cooperation agreements such as the “associated partners agreement” – no because of refusing the cooperation but because of administrative issues. E.g. in Austria some school were asked to become associated partners but we did not succeed in signing an agreement although there was a strong cooperation. Other partners reported the same restrictions in the case of companies and public authorities. None the less important steps have been made to initiate co-operations between environmental education in school and representatives of the “green labour market” in the framework of GreeNET implementation and validation activities.

The connection – in a practical way – with specific school based activities is the main element to assure successful application but to make such initiatives more successful in a wider scope several additional considerations are important to be taken under account:

- Connection with **career pathways**. This has to be done in compatibility with Green **market needs**.
- It is of highly important to organize **interdisciplinary** activities and therefore connect a best case with several lessons and sciences or combine best cases to make a “new” interdisciplinary set.
- The enhancement of **ICT skills and Social skills** of students through the application of such activities is also an important issues to consider.
- **Community engagement** (e.g. parents) can provide an additional “push” for effective Green activities organization at schools.

6.2 Recommendations for the future

Throughout the lifetime of the project the GreenNET consortium established strong cooperation with partner institutions, national initiatives and related international projects. To exploit these connections in the future and to ensure the usage of GreenNET outcomes in a sustainable manner some important aspects have to be taken in consideration:

- ✓ The contacts initiated in the framework of the GreenNET project have to be cultivated in a consequent manner after the projects' end.
- ✓ Some partners of the GreenNET consortium are partners in other EU projects focusing on inquiry based teaching and the use of ICT tools in school environment. In some cases GreenNET outcomes could be useful resources that shall be adapted and further developed in new contexts on an international level.
- ✓ Associated partners of the GreenNET project should be motivated and empowered to use the GreenNET services in their own future training activities - as well as in teacher training, school projects, apprenticeship or vocational training.
- ✓ It has to be ascertained that the GreenNET Best Practices and resources are available to interested stakeholders in the future and the respective portals (GreenNET website and ODS portal) will be maintained within the next years.
- ✓ *The Guide for Bringing Green Science Education Development in European School Communities* shall be circulated to a broad audience including teacher networks, school communities, representatives of the "green labour market", curriculum developers and educational policy makers.
- ✓ Additional effort should be undertaken to motivate and empower teachers to use ICT tools in their own classes.
- ✓ Maintain and constantly update an inventory of the most outstanding educational scenarios linking creativity and sciences related to sustainable development and environmental protection.
- ✓ Maintain and promote the GreenNET communities of teachers already established
- ✓ Design and implement specific activities to link best cases with future green based careers of the students.

7 Annex

7.1 Overall exploitation activities per partner

GreeNET exploitation activities, AUA

GreeNET- Partner	Date of Event/ Activity	Titel of Event/Activity	Target Groups	Nr. of participants/ coverage	kind of event/ activity (local, national, international)	relevant links / material / photos
AUA	4 December 2012	Dissemination of the GreeNet project in Plant Production Faculty of Agricultural University of Athens	Educators, Researchers, Students, Curriculum developers and education policy makers education policy makers,	12	local	http://www.ekk.aua.gr/index.php?sec=research
AUA	20 March 2014	Meeting with the NGO Organization Earth- approach them as associate partners	Educators, teachers, education policy makers	10	local	http://www.organizationearth.org/
AUA	15/10/2013-18/10/2013	26th Conference of Greek Company of Horticulture Education in Athens -disseminate the actions of GreeNet	Educators, Researchers, education policy makers	250	local	http://www.teikal.gr/horticulture/
AUA	10 April 2014	Summer school 2014	Education policy makers	3	local	
AUA	14 July 2014	Presentation of the GreeNet project in Laboratory of Crop Production of Agricultural University of Athens- approach them as associated partners	Educators, education policy makers	15	international	http://entredu-training.ea.gr/
AUA	13 February 2015	Dissemination of the GreeNet project in Mediterranean Agronomic Institute of Chania (MAICh)- establishment of associated partnership	Researchers, Students, Adult educators	10	local	
AUA	9 April 2015	Dissemination of the GreeNet project in Ziridi schools- approach them to become associated partner	Researchers, Students, Educators, Environmental curriculum developers	4	local	www.maich.gr
AUA	21 April 2015	Dissemination of the GreeNet project and its results in Lafarge Beton Company	Educators, Teachers, Environmental curriculum developers	7	local	www.ziridis.gr
AUA	27 April 2015	Dissemination of the GreeNet project and its results in Lafarge Beton Company	Representatives of green company	3	local	www.lafarge.gr
AUA	18 May 2015	Dissemination of the GreeNet project and its results in Lafarge Beton Company	Representatives of green company	5	local	www.lava.gr
AUA	18 May 2015	Fascination of Plants Day	Educators, Researchers, School Students, University students, Curriculum developers and education policy makers, stakeholders, green labor companies	150	international	http://fascinationofplantsday.org/greece.htm
AUA	6 July 2015	Dissemination of the GreeNet project and its ICT tools in Educational Faculty of Ioannina	Researchers, teachers, educators	8	local	http://ptde.uoi.gr/
AUA	7 July 2015	Dissemination of the GreeNet project and its ICT tools in Lake Pamvotis	Educators, Teachers, Environmental curriculum developers	16	local	http://www.lakepamvotis.gr/
AUA	28-30. September 2015	Special Day in the framework of 27th National Conference of Greek Society of Horticultural Science	Representatives from green labor market, scientists, academics, environmentalists, policy makers, local community	200	national	http://27esso.agr.uth.gr/

693 directly involved
 11 local
 2 international
 1 national



GreeNET exploitation activities, BMBF

Partner	Date of Event/ Activity	Titel of Event/Activity	Target Groups	Nr. of participants/ coverage	kind of event/ activity (local, national, international)	relevant links / material / photos	comments
BMBF	14. - 16. November 2013	Interpädagogica 2013	Teachers, teacher trainer, educational stakeholder, students	2500 visitors / 15 direktly involved	national	http://www.interpaedagogica.at/2013/	information about the project and implementation phase circulated to environmental education organisations (e.g. Forum Umweltbildung, later Ass. Partner)
BMBF	24.- 26. March 2014	Synergiemeeting ENIS schools	teachers, educational stakeholder	30 part.	national	http://portal.opendiscovery.space.eu/activity/eu-projekt-greenet-umweltbildung-fordern-schlussselkompetenzen-erwerben-689551	presentation of the Greenet project in the context of competence based learning
BMBF	07.- 08. April 2014	EU-Project TRANSit	educational stakeholder, international project partners, national stakeholder	15 part.	international		
BMBF	26.- 28. Mai 2014	Bildung Online, Hall in Tyrol	teacher trainer, students	1000 visitors / 15 directly involved	national	http://www.bildungonline.at/	
BMBF	25.-27. August 2014	ationale synergiemeeting of EU-projects	educational stakeholder		15 national / international	http://homepage.bildungserver.com/scms/content/beitrag.php?kat_id=310&id=1012&beitrag=3916&schul_id=1033	
BMBF	08. October 2014	elearning Conference Eisenstadt	Teachers, teacher trainer, educational stakeholder	250 visitors / 20 directly involved	national		
BMBF	31.October 2014	International Workshop at Final Event of the TRANSit project	teachers, educational stakeholder		20 international		
BMBF	13. -14. November 2014	Interpädagogika 2015	Teachers, teacher trainer, educational stakeholder, students	2500 visitors / 15 direktly involved	national	http://www.interpaedagogica.at/	information brochure circulated
BMBF	12. January 2015	nationales Synergiemeeting EU-Projekte	educational stakeholder	12 part.	national/ international	http://virtuelleschule.bmbf.gv.at/projekte-international/eu-projekte-aktuell/ark-of-inquiry/aktuelles-und-events/	Greenet project and best practices presented
BMBF	11 March 2015	KICK-OFF EU-Projekt Ark of Inquiry	educational stakeholders, teachers, environmental educators	12 part.	national/ international	http://www.fibl.org/de/service/nachrichtenarchiv/meldung/article/schule-des-essens-eine-neues-projekt-von-fibl-oesterreich.html	Greenet project and best practices presented
BMBF	16 March - 10. April 2015	School of Eating	teachers, students	190 part.	national		
BMBF	25. August 2015	ÖKOLOG Markt der Möglichkeiten	teachers, educational stakeholder	300 visitors/30 directly involved	national	http://homepage.bildungserver.com/scms/content/index.php?schul_id=1033	
BMBF	08. October 2015	elearning Conference Eisenstadt	teachers, trainers, educational stakeholders	250 visitors/ 20 directly involved 409 directly involved 8 national events 5 international events	national		

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GreeNET exploitation activities, EA

GreeNET-Partner	Date of Event/ Activity	Title of Event/Activity	Target Groups	Nr. of participants/ coverage	kind of event/ activity (local, national, international)	relevant links / material / photos	comments
EA	7 May 2014	School Innovation and School Networks: the school garden as a best practice in Cretan schools	School teachers, advisors, representatives of the Ministry of Education	50	local event	http://portal.opendiscovery.space.eu/event/sh-oliki-kainotomia-kai-sholika-diktya-kales-praktikes-apo-ti-sholiki-praxi-sto-plaisio-toy http://www.goodnet.gr/rethumeo-trechonta/articles/sunedrio-gia-tin-axiopolisi-tou-ekpaideutikou-ulikou-ti-didaskalia.html	n/a
EA	14 July 2014	Brainstorming Activity on the GreeNET issues	School teachers, advisors, Ministry of Education	15	international event	n/a	n/a
EA	24 July 2014	discussion with representatives of the Greek Ministry of Education	representatives of the Greek Ministry of Education	4	local activity	n/a	n/a
EA	September 2013-June 2014	experimentation activities / implementation of the GreeNET 'school garden' initiative in the EA kindergarten	Kindergarten teachers, kindergarten students	55	local activity	n/a	the school garden scenario was implemented in the EA kindergarten. The goal was to bring students closer to nature from a younger age, to ensure future interest on green issues. The students' reaction was positive overall, to the point that the project will be implemented again during this and the future years.
		Strategic collaboration with Computer Technology Institute and Press "Diophantus" (CTI)	Greek schools				CTI is an organization supervised by the Greek Ministry of Education, responsible for ICT policies for primary and secondary education in Greece. Within the previous year it undertook a pilot initiative concerning the promotion of "Green Mindset" in students and several meetings between EA and the CTI team working on this initiative has been organized to identify future exploitation of GreeNET and organize common initiative based on this goal (e.g. design further project based on GreeNET lessons learnt)
EA	December 2014 - Today			4	national activity	n/a	Within the GreeNET Summer school organized as a validation event from EA, several meetings with local official and companies have been organized to promote the project and its findings and identify possible future utilization of results (e.g. combination of the garde best case experience with relevant initiatives from local municipalities in Crete)
EA	June 2015	Meetings in parallel with the GreeNET Summer School	Local authorities and Local companies in Crete	8	local activity	http://greenet.ea.gr/content/validation-activity-%E2%80%93-teacher-contest-summer-school	The Summer School itself was indeed also an exploitation activity since special attention has been given to focus on examples and suggestions on how the school garden best case can be applicable on many additional schools
EA	21-25/2015	GreeNET Summer School	Teachers	25	national activity	http://greenet.ea.gr/content/validation-activity-%E2%80%93-teacher-contest-summer-school	EA in collaboration with UBT and CTI are preparing a draft proposal idea for follow up activities based on GreeNET focusing on the promotion of green careers for students. All project partners have been informed and invited to contribute
EA	July- September 2015	Preparatory Activities for a follow up proposal in Horizon	N/A	N/A	international activity	n/a	
			directly involved 161 national: 2 event local: 4 events international: 2				



GreeNET exploitation activities, ECOI

GreeNET- Partner	Date of Event/ Activity	Title of Event/Activity	Target Groups	Nr. of participants/ coverage	kind of event/ activity (local, national, international)	relevant links / material / photos	comments
ECOI	25 September 2013	Project summary in Catalan and link to ongoing activities	Local policy makers of Barcelona City Council	3	Local	https://bit.ly/3scw/bscw/bscw.cgi/641613185/GreeNET%20Presentation%20in%20Catalan%20from%20ECOI.pdf	
ECOI	02 December 13	Project summary in Catalan and link to ongoing activities	Teachers of Professional Education (Barcelona School A21 Programme)	6	Local	https://bit.ly/3scw/bscw/bscw.cgi/643143944/GreeNET_Presentation%20in%20Catalan%20from%20ECOI.pdf	
ECOI	23 April 2014	Project summary in Catalan to present GreeNET project and share learning objectives of environmental education	Training teachers	10	Local	https://bit.ly/3scw/bscw/bscw.cgi/641613185/GreeNET%20Presentation%20in%20Catalan%20from%20ECOI.pdf	CESIRE, Centre for Educational Research and Innovation, Department of Education, Government of Catalonia.
ECOI	23 May 2014	Project summary in Catalan to find a new associated partner with the Department of Education in Catalonia	Regional policy makers of Catalonia GreeNet community at regional level:	4	Local	https://bit.ly/3scw/bscw/bscw.cgi/643144106/Photo_Department_Educati	
ECOI	19 April 2014	First version of the Ecoinstitut - GreeNet web in Catalan / Spanish	Policy makers, teachers and general public in Catalonia	open	Local / national	http://www.ecoinstitut.es/greenet/	
ECOI	1 February 2015	New round of contacts to invite Barcelona City Council to become associated partner	Local policy makers of Barcelona City Council	5	Local	Signed Associated Partners Agreement	
ECOI	9 July 2015	Revised version of the Ecoinstitut - GreeNet web presentation of final conference and ongoing activities	GreeNet community at regional level: Policy makers, teachers and general public in Catalonia	open	Local / national	http://www.ecoinstitut.es/greenet/	
ECOI	02 to 04/2015	Identification of contacts and institutions working on Green Labour Market and round of contacts informing on goals and missions of the GreeNet project			12	Local	
ECOI	1 July 2015	Round of contacts to invite Associated Partner Cesire to final conference	Teachers and researchers from Catalonia	5	Local		
			about 100 directly involved 7 local activities 2 national activities	45			



Greenet exploitation activities, Eumenna

GreenNET-Partner	Date of Event/ Activity	Titel of Event/Activity	Target Groups	Nr. of participants/ coverage	kind of event/ activity (local, national, international)	relevant links / material / photos	comments
Eumenna	16 July 2014	GreenNET Best Practices	Stakeholder at City Hall Leuven	1 Key stakeholder	local	BP document, version 1	The current status of BP document was discussed and information was shared on ways of accessing them online and best way of communication to teachers and students
Eumenna	10 June 2013	GreenNET project Big Idea	Vlaamse Brabant - Environment and City hall leuven	1 key satekholder (but has access to all EnV teachers in VB)	3 local	Idea of project was shared and exchange of links from stakeholders. Good connections and material	
Eumenna	25 June 2015	Share project results	MOS Leuven - Vlaamse Brabant		Local	Results of project wwere shared and communicated to the all MOS netweok	
Eumenna	29. June 2015	Eco schools meeting	Schools, educational stakeholders		20 national	http://www.lne.be/doelgroepen/onderwijs/mos/mos-aanbod/Eco-Schools/de-groene-vlag-van-eco-schools	best practices of GreenNET and brochures were shared with community members
Eumenna	16 July 2015	Moodle Project site	Erasmus SAGE Project		5 International	Project Moodle Site was shown to SAGE project members and features were demonstrated	

30 directly involved (2 key stakeholders - multipliers)
 3 local activities
 1 international activity
 1 national activity



GreeNET exploitation activities, GRNET

GreeNET- Partner	Date of Event/ Activity	Title of Event/Activity	Target Groups	Nr. of participants/ coverage	kind of event/ activity (local, national, international)	relevant links / material / photos	comments
GRNET	28-30. June 2013	Green Ideas 2013	educators/ students/ related projects	30 participants / 7 countries	international	http://wiki.agroknow.gr/agroknow/index.php/Green_Ideas_2013	
GRNET	05.March 2013	Focus group	educators/ researchers	6	national		
GRNET	16 April 2013	Focus group	teachers	4	national		
GRNET	14.July 2014 ¹	Green Ideas 2014 Joint GreeNET and Inspiring Science Education Summer School organised by EA	educators/ green professionals	22	international	http://wiki.agroknow.gr/agroknow/index.php/Green_Ideas_2014	
GRNET	23-25.June 2015		teachers	10	national		EA can provide all related info
GRNET	1-3.July.2015	Liaison meeting with G20 initiatives TECA (http://teca.fao.org/) and TAP (www.tropagplatform.org) to establish a collaboration in the context of exchanging educational content and best practices and promoting GreeNET through their networks/communities.	Educators, policy makers educators/ students/ educational or green labour market experts/ green professionals	15	international		
GRNET	19 September 2015	Green Ideas 2015		25	international		
				112 directly involved 4 international events 3 national events			



GreeNET exploitation activities, STVG

GreeNET-Partner	Date of Event/ Activity	Title of Event/Activity	Target Groups	Nr. of participants/ coverage	Kind of event/ activity (local, national, international)	relevant links / material / photos	comments
STVG	20 November 2012	Management Team STVG – Information, Planning session 12 participants	Multipliers	12	regional		
STVG	30 November 2012	METAREGIONE information, communication of the planned activities in GreeNET	politicians of Styria, Toscana, Slovenia, Croatia, industrialists out of these regions, politicians	19	international		
STVG	6 January 2013	responsible teachers of technical schools – information, strategies for further implementation		9	regional		
STVG	12 March 2013	REGIOLAB communication, information, discussion about possibilities with neighbour regions concerning technologies and pedagogical concepts	responsible managers of educational and economic associations from Styria and Slovenia, entrepreneurs, politicians	21	international		
STVG	19 March 2013	Energy Styria AG – STVG – bilateral information, planning meeting common synergies, activities energy company – teacher – students	teachers, staff of energy Styria AG, staff of STVG	14	regional		
STVG	21.03 2013	STVG trainers meeting – planning session for implementation and multiplying	trainers and multipliers of STVG	13	regional		
STVG	28 March 2013	meeting with Styrian provincial minister for education – information and planning	provincial minister, members of the Styrian governmental department for economics, staff of STVG	3	regional		
STVG	16 July 2013	board meeting STVG – information, multiply	board members STVG	14	regional		
STVG	2 October 2013	Austrian Federation of Industries, "Wissensfabrik" activities regarding green technologies	responsible persons of Federation of Industry, staff of STVG, multipliers	9	national		
STVG	18 November 2013	meeting with Styrian provincial minister for economics information and possible synergies to their own activities	provincial minister, members of the Styrian governmental department for economics, staff of STVG	4	regional		
STVG	25 November 2013	Working meeting in Chamber of Commerce/Styria	apprentice training companies	5	regional		
STVG	6 December 2013	Steering group meeting Austrian Adult Education	Adult education institutions	10	national		
STVG	13 January 2014	Steering meeting of the managing directors network of associations for education and economics in Austria	multiplier for education and economics - teacher, entrepreneurs, students, apprentices	9	national		
STVG	23 January 2014	working group youth and education, Federation of Industry/Styria	human resources manager and training staff of industrial enterprises	12	regional		
STVG	18 March 2014	Working Meeting Austrian National Federation of Industry	staff of department for education	6	national		
STVG	28 May 2014	Final event project "Fascination technique"	students, teachers, staff of industrial enterprises	25	regional		
STVG	2 July 2014	Board meeting Austrian Association for Education and Economics	Board members and managing directors of the network of Austrian Association for Education and Economics	18	national		

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STVG	02/03.09.2014	Staff member meeting STVG	Staff members of STVG	26	regional
STVG	09.-10.10.2014	Steering meeting of the managing directors network of associations for education and economics in Austria	multiplier for education and economics - teacher, entrepreneurs, students, apprentices	8	national
STVG	22.-23.01.2015	Steering meeting of the managing directors network of associations for education and economics in Austria	multiplier for education and economics - teacher, entrepreneurs, students, apprentices	9	national
STVG	23 February 2015	working group youth and education, Federation of Industry/Styria	human resources manager and training staff of industrial enterprises	13	regional
STVG	11 March 2015	Meeting with further Education institut of the chamber of commerce	Enterprises in the context of career guidance and counselling and training for teachers and trainers	3	regional
STVG	15 June 2015	Meeting with Federation of Industries in Styria	CEOs of the Federation of Industries in Styria	4	regional
STVG	30 June 2015	Board Meeting of Junior Achievement Austria	Board members Meeting with persons from Enterprises and NGOs	13	national
STVG	01.-02.07.2015	Board Meeting of Austrian Association and Economics	Chamber of Commerce, Enterprises and CEOs of all 9 association for education and economics as well as the presidents of the associations	15	national
STVG	3 July 2015	Board Meeting of STVG	Chamber of Commerce, Enterprises, School board	11	regional
STVG	7-9.07.2015	3 Days Staff Member Meeting within STVG	Employees of the working areas Career Guidance and Entrepreneurship and external trainers and school board authorities	30	regional
STVG	17 July 2015	Meeting with regional minister for economic	Meeting on policy level concerning career guidance and counselling and european developments for the region Styria	5	regional
STVG	22 July 2015	Workshop with CEOs of Austrian Association for Education and Economics	Part of the CEOs of the Austrian Association attended the workshop concerning European activities	5	national
STVG	29 July 2015	Meeting with actors of IBOBB-Café	Meeting with the core actors of the city of Graz concerning a new initiative of Career Guidance and Counselling in teh city of Graz	3	local
STVG	22 September 2015	Jour fix with actors of IBOBB-Café	Actors of City of Graz	3	local
STVG	24 September 2015	Meeting with Deputy CEO of the Styrian Public employment service and with the head of the Career Information Centres in Styria	Policy Makers and Stakeholder	4	local
STVG	7 October 2015	Meeting with chamber of commerce (department of handicrafts) concerning career guidance and counselling	Policy Makers and Stakeholder	3	local
STVG	29 October 2015	Reception for Career-Guidance and Counselling teachers provided by the federation of Industries	7 Enterprises and teachers in the context for career guidance and counselling	20	local
			directly involved 176 20 regional events 10 national events 2 international events	378	



GreeNET exploitation activities, UBT

GreeNET-Partner	Date of Event/ Activity	Title of Event/Activity	Target Groups	Nr. of participants/ coverage	kind of event/ activity (local, national, international)	relevant links / material / photos	comments
UBT	30 July 2014	Implementation and Evaluation of GreeNET's Best Practice "Waste"	pre-service teachers	10	local activity	can be requested if required from UBT	
UBT	March 2014 - July 2014	Implementation and Evaluation of GreeNET's Best Practice "Rainforest"	teacher, pre-service teachers	35	local activity	can be requested if required from UBT	3 events
UBT	February 2014 - July 2014	Implementation and Evaluation of GreeNET's Best Practice "Energy - Today & Tomorrow"	teacher, pre-service teachers	41	local activity	can be requested if required from UBT	3 events
UBT	January 2014 - July 2014	Implementation and Evaluation of GreeNET's Best Practice "To Bee or not to Bee"	teacher, pre-service teachers	60	local activity	can be requested if required from UBT	5 events
UBT	18 September 2014	3. Bayreuther Bioenergiesymposium	Teachers, policy makers, experts, researcher	100	local event	http://www.region-bayreuth.de/Bioenergieregion/Aktuell/Bioenergiesymposium2014.aspx	Presentation of GreeNET's Best Practice "Energy - Today and Tomorrow" according GreeNET's objectives The scenario was implemented in the several schools. The goal was to bring students closer to nature, enhance preservation regarding the environment and to ensure future interest on green issues. The students' reaction was overall positive.
UBT	April 2014 - July 2014	Experimentation activities / implementation of the GreeNET's Best Practice: "To Bee or not to Bee"	teachers, students	13 teachers, 356 students	local activity	can be requested if required from UBT	The scenario was implemented in the waste incineration plant with the several schools. The goal was to enhance students' preservation regarding the environment and to ensure future interest on green issues. The students' reaction was overall positive.
UBT	April 2014 - July 2014	Experimentation activities / implementation of the GreeNET's Best Practices: "Waste"	teachers, students	23 teachers, 472 students	local activity	can be requested if required from UBT	The scenario was implemented in several schools. The goal was to rethink their habits and enhance students' preservation regarding the environment and to ensure future interest on green issues. The students' reaction was overall positive.
UBT	April 2014 - July 2014	Experimentation activities / implementation of the GreeNET's Best Practices: "Energy - Today & Tomorrow"	teachers, students	10 teachers, 250 students	local activity	can be requested if required from UBT	The scenario was implemented in the botanic garden with several schools. The goal was to bring students closer to nature, enhance students' preservation regarding the environment and to ensure future interest on green issues. The students' reaction was overall positive.
UBT	June 2014 - October 2014	Experimentation activities / implementation of the GreeNET's Best Practices: "Rainforest"	teachers, students	10 teachers, 280 students	local activity	can be requested if required from UBT	All german scenarios (Waste, Rainforest, To bee or not to bee, Energy) were reflected and evaluated after implementation and evaluation
UBT	9 April 2015	Validation of GreeNET's Best Practices	teachers, educators	6 teachers	local activity	can be requested if required from UBT	Professional development within the teacher training at the university of Bayreuth to use the scenario in future school activities.
UBT	June 2015	Teacher training / experimentation activities / implementation of the GreeNET's Best Practice: "To Bee or not to Bee"	pre-service teachers	20 pre-service teachers	local activity	can be requested if required from UBT	

directly involved 1686
11 local activities

7.2 GreenNET contact-list, October 2015

1

GreenNET Contact list

Nr.	Name of organisation/ institution	URL / LINK	Target group reached through organisation	Contact person of the organisation/ institution	Email of contact person	Type (please insert number)	Contact through Consortium partner
1	Department of Floriculture and Landscape Architecture (TEI EPIRUS)	http://www.teiep.gr/index.php	Academics and researchers, Students	Tsirogiannis Ioannis	itsirog@teiep.gr	4	AUA
2	University of Ioannina, Department of primary education	http://ptde.uoi.gr/	Teachers, Students, Curriculum developers and education policy makers	Brouzos Andreas	abrouzos@ccuoi.gr	4	AUA
3	Organization Earth, NGO- environmental education	http://www.organizationearth.org	Teachers, teachers trainers, environmental educators- Education stakeholder organization	Markos Zangas	mzangas @organizationearth.org	6	AUA
4	BioHellas (Inspection Institute for organic products)	http://www.bio-hellas.gr	Representatives of green labor market-	Maria Kornarou	cert@bio-hellas.gr	8	AUA
5	Ministry of Rural Development and Food	http://www.minagric.gr/	Representatives of green labor market- Education policy makers	Moschos Korasidis	to be reached via AUA	1	AUA
6	Arsakeia-Tositseia Schools	http://www.arsakeio.gr	Teachers, teachers trainers, Environmental educators	Katerina Kolevri	To be reached via AUA	2	AUA
7	Lake Pamvotis	http://www.lakepamvotis.gr/	Organization of Lake Pamvotis	Katerina Chiotelli	kchiotel@gmail.com	6	AUA
8	Ministry of Rural Development and Food	http://www.minagric.gr/	Representatives of green labor market- Education policy makers	Eleutherios Koutsoumplis	To be reached via AUA	1	AUA
9	Directory of environmental education (area of B' Athinwn)	http://dide-v-ath.att.sch.gr/	Teachers, educators, students	Varvara Petridou	vp2009@yahoo.gr	1,2&3	AUA
10	Agricultural University of Athens (Laboratory of crop production)	http://efp.aua.gr/en	Students, educators, education policy makers, representatives of green labor market	Dimitrios Bilalis	bilalis@aua.gr	4	AUA
11	University of Thessaly- Department of Agriculture Crop Production and Rural Environment	http://www.agr.uth.gr/	Students, educators, education policy makers, representatives of green labor market	Konstantinos Kittas	To be reached via AUA	4	AUA

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12	Technological Educational Institute Of Kalamata	http://www.teikal.gr/	Students, educators, education policy makers, representatives of green labor market	Alexis Alexopoulos	a.alexopoulos@teikal.gr	4	AUA
13	Sympraxis	www.sympraxis.eu	Teachers, students, education policy makers,	Maria Dimitropoulou	md@sympraxis.eu	7 & 10	AUA
14	Korres	www.korres.com	Company- Representatives of Green Labor Market	Giorgos Stavropoulos	g.stavropoulos@korres.com	8	AUA
15	MAICH	www.maich.gr	School education on environmental issues, researchers, university students, educators	Giannis Livieratos	livieratos@maich.gr	4	AUA
16	Medicinal and aromatic Plants of East Peloponnesus Organization	www.epmaps.gr	Representatives of Green Labor Market, Educators, teachers, students	Euaggelos Frampasxalis	vaggelisfrab@yahoo.gr	8 & 10	AUA
17	Kinder garden Kiveli, Aigina		Teachers, students, environmental educators	Fotini Chani	fayechanis@yahoo.gr	2	AUA
18	LAVA	http://www.lava.gr	Company- Representatives of Green Labor Market	Themis Kavalieros	themis.kavalieros@lafarge.com	8	AUA
18	LAFARGE	www.lafarge.gr	Company- Representatives of Green Labor Market	Dimitris Chanis	Dimitris.chanis@lafarge.com	8	AUA
20	The James Hutton Institute	www.hutton.ac.uk	Researchers, university students, educators	Pietro Iannetta	Pete.Iannetta@hutton.ac.uk	4	AUA
21	Nea genia Ziridi	www.ziridis.gr	Teachers, teachers trainers, environmental educators, students	Katerina Ziridi	cziridis@ziridis.gr	2	AUA
22	Open Mellon	www.openmellon.gr	Educators, teachers, students, education policy makers	Vassilis Avramoudis	vavramoudis@openmellon.gr	10	AUA
23	Umweltberatung	www.umweltberatung.at	Teachers, interested consumers, green labor market, e	Manuela Lanzinger	service@umweltberatung.at	5 & 6	BMUKK/ BMBF
24	Lebensministerium	http://www.lebensministerium.at/	Schools, educational stakeholders, policy stakeholders	Christiane Wagner Alt	christiane.wagner-alt@lebensministerium.at	1	BMUKK/ BMBF
25	Öko-Cluster	http://www.oeko-cluster.at/	Teachers, students, lifelong learners	Manfred Szerencsits	manfred.szerencsits@oeko-cluster.at	5 & 6	BMUKK/ BMBF

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26	SCHULE.at; Gegenstandsprotale Biologie, Ernährungslehre	http://www.schule.at/portale.html	Teachers of all subjects, teachers trainer, students	Monika Andraschko	m.andraschko@edugroup.at	3	BMUKK/ BMBF
27	HS für Agrar- und Umweltpädagogik	http://www.agrarumweltpaedagogik.ac.at/	Students, teachers, environmental educators	Elfriede Berger	elfriede.berger@agrarumweltpaedagogik.ac.at	4	BMUKK/ BMBF
28	Goethegymnasium, Projekt Rio 92+	http://www.astgasse.net/cms/index.php	Teachers, students	Jürgen Kern	juergen.kern@astgasse.at	2	BMUKK/ BMBF
29	Energie- und Umweltagentur NÖ	http://www.enu.at/	Students, teachers, environmental educators, interested individuals	Gerald Franz Daniela Capano	gerald.franz@enu.at daniela.capano@enu.at	5 & 8	BMUKK/ BMBF
30	Bio Austria	http://www.bio-austria.at/	Consumers, farmers, schools and teacher trainers	Markus Danner	markus.danner@bio-austria.at	3 & 5	BMUKK/ BMBF
31.	Forum Umweltbildung	http://www.umweltbildung.at/	Teachers, Teacher trainer, students, consumers	DI Karin Schneeweiß	Tele: 0043 1 402 47 01 DW 16	1 & 5	BMUKK/ BMBF
32	Green Jobs. Austria	http://www.greenjobsaustria.at/de/startseite/	Green labour market, companies		office@greenjobsaustria.at	8	BMUKK/ BMBF
33	Ländliches Fortbildungsinstitut Österreich	http://www.lfi.at/	Educational body, schools		lfi@lk-oe.at	2 & 4	BMUKK/ BMBF
34	Nationalparke Steiermark	http://www.naturparke-steiermark.at/	Nationals parks in Styria		naturparke@steiermark.com	7	BMUKK/ BMBF
35	Kelag - Kärntner Elektrizitätsgesellschaft	www.kelag.at	Energy service provider		office@kelag.at	8	BMUKK/ BMBF
36	Forstliche Ausbildungsstätte Pichl der Landwirtschaftskammer Steiermark	http://www.fastpichl.at/	Forestral educational institution	Dipl.-Ing. Martin Krondorfer	helga.wochinz@lk-stmk.at	5	BMUKK/ BMBF
37	ECO World Styria	http://www.eco.at/	Green Tec Cluster	Bernhard Puttinger	office@eco.at	5 & 8	BMUKK/ BMBF
38	Forschungsinstitut für Ökologischen Landbau	www.fibl.org	Research Institute organic agriculture	Andrea Ficala	andrea.ficala@fibl.org	4	BMUKK/ BMBF
39	Neue Mittelschule Schopenhauerstraße	http://www.schop79.at/	Secondary I Level school	Gerda Reissner	gerda.reissner@gmail.com	2	BMUKK/ BMBF
40	Green Learning Network	http://www.greenlearningnetwork.eu/	EU project, environmental education and biodiversity	Gabriele Reinstadler	gabriele.reinstadler@gmail.com	3,9	BMUKK/ BMBF

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54	Architecture and Sustainability - AUS	http://www.coac.net/aus/bloc	green labour market, promotion of sustainability in professional training of architects	Toni Solanas	to be reached via Ecoi	8	Ecoinstitut SCCL
55	Ecoserveis	www.ecoserveis.net/en	Green labour market, energy efficiency, renewable energy, European campaigns and projects	Oriol Agulló	comunicacio@ecoserveis.net	6	Ecoinstitut SCCL
56	COS 12 Comunicació	http://www.cos12.com	green labour market, environmental communication and dissemination	Albert Punsola	info@cos12.com	9	Ecoinstitut SCCL
57	BCNEcologia, Agency for Urban Ecology	http://bcnecologia.net/en	green labour market, scientists, transdisciplinary work	Moises Morató	to be reached via Ecoi	1,4	Ecoinstitut SCCL
58	XES, Xarxa d'Economia Solidària	http://www.xes.cat/pages/xs100.php	green labour market, third sector organisations, entrepreneurship	Xavi Palos	comunicacio@xes.cat	6	Ecoinstitut SCCL
59	Prometea SC	http://www.prometeasc.com/	green labour market, social innovation	Zorione e Iciar	info@prometeasc.com	8	Ecoinstitut SCCL
60	Talher	www.talher.com/	green labour market, environmental education and consultancy	Nuria Pejó	to be reached via Ecoi	8	Ecoinstitut SCCL
61	Institut Narcís Monturiol	http://www.narcismonturiol.cat	green labour market, pioneers in professional training in environmental sciences	Carles Saura	a8034709@xtec.cat	2,8	Ecoinstitut SCCL
62	CEIR - Arco	http://www.ceir-arco.org/	teachers, students, professional training for the green labour market	Marina Garcia	to be reached via Ecoi	2,8	Ecoinstitut SCCL
63	Institut Rubió i Tudurí	http://rubioituduri.cat	teachers, students, professional training for the green labour market	Jordi Cartañá	to be reached via Ecoi	2,8	Ecoinstitut SCCL
64	Barcelona City Council, + Sustainable Schools	http://www.sostenibilitatbcn.cat/index.php/escoles-sostenibles	network of more than 400 schools: teachers, students, environmental educators, enquiry based learning	Natxo Mercader	escolessostenibles@bcn.cat	2,3,5	Ecoinstitut SCCL
65	MOS - Cel Natuur- en Milieueducatie (Dienst Leefmilieu)	www.vlaamsbrabant.be/leefmilieu	Leaders to Environment and Energy Education	Herwig Kevelaerts MOS-begeleider Basis	herwig.kevelaerts@vlaamsbrabant.be	5	EUM

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66	Leuven City Hall	www.leuven.be	Officer Environment Education	Lien Loonbeek Deskundige duurzaamheid	lien.loonbeek@leuven.be	5	EUM
67	APIVITA S.A.	http://www.apivita.com/	School education on environmental issues and especially to herbs & bee products	Ioannais kamilakis	kamilakis-i@apivita.com	5 & 8	GRNET
68	Julia & Alexander N. Diomedes Botanical Garden, University of Athens	http://www.diomedes-bg.uoa.gr/start-en.html	Environmental education for students, seminars on monitoring plant species	Dr. Irini Vallianatou	uoabotgd@otenet.gr	4 & 6	GRNET
69	GLOBALG.A.P. c/o FoodPlus GmbH	www.globalgap.org	Training on Food safety	Britta Huebers	huebers@globalgap.org	8	GRNET
70	Balkan Botanic Garden of Kroussia,	http://www.bbgk.gr	Environmental education for students	Dr Eleni Maloupa	maloupa@bbgk.gr	1	GRNET
71	International Union of Food Science and Technology	http://www.iufost.org	Training on Food safety issues	Judith Meech	jmeech@iufost.org	8	GRNET
72	IRL Marist College	http://www.maristathlone.net	Quality secondary education	Thomas Blaine	tbmarist@gmail.com	2	GRNET
73	Austrian Institute of Ecology (AIE)	http://www.ecology.at/	Teachers & students	Markus Meissner	meissner@ecology.at	4	GRNET
74	National and Kapodistrian University of Athens, School of Philosophy	http://www.ppp.uoa.gr/to-f-p-c.html	Students, teachers, professors	Maria Daskolia	mdaskol@ceed.uoa.gr	4	GRNET
75	Institute of Ecology and Botany of the Hungarian, Academy of Sciences (IEB- HAS)	http://www.obki.hu/en/index.shtml	Students, teachers	Ferenc Horváth	horvfe@botanika.hu	4	GRNET
76	DS Consulting	http://gr.dsorganic.com	Consultants, trainers in organic farmers & environmental education	Dimitrios Sotiropoulos	d.sotiropoulos@dsorganic.com	5	GRNET
77	MSU global	http://msuglobal.com	Teachers, educators, learners, students in Food safety topics	Julie Funk	funkj@cvm.msu.edu	4	GRNET
78	Agricultural University of Athens, dep. Of Food Science and Human Nutrition, Lab. Of	http://fst.aua.gr/el/node/90	Students and trainers in food science topics	Spiros Paramithioti	sdp@aua.gr	4	GRNET

GreeNET Contact list

	Food Quality Control and Hygiene						
79	Joint Institute for Food Safety and Applied Nutrition	http://jifsan.umd.edu	Students, learners and tutors on food safety topics	Janie Dubois	jdubois@umd.edu	7	GRNET
80	Real farm	http://realfarm.gr	Farmers, students, agronomists, tutors on experiential training in organic agriculture	Panagiotis papadopoulos	p_papado@qways.gr	8	GRNET
81	Pelopio Lyceum	http://www.pelopio-lykeio.gr/	Environmental education at secondary level	John Chiotelis	johnchiotelis@yahoo.gr	5	GRNET
82	ECOTOPIA - Environmental Research and Awareness Society	http://www.oikotopia.gr/	Environmental education for students and learners	Stavros Yfantis	oikotopia@gmail.com	6	GRNET
83	University of Agronomic Sciences and Veterinary Medicine – Bucuresti, Faculty of Agriculture (USAMVB-FA)	http://en.usamv.ro	Students at university level	Maria Toader	mirelatoadervali@yahoo.com	4	GRNET
84	Agro-Know	http://www.agroknow.gr	Academics and researchers, university students, adult learners	Charalampos Thanopoulos	cthanopoulos@agroknow.gr	4	GRNET
85	DLG-Akademie (DLG)	http://www.dlg-akademie.de/	Learners (agricultural organisation with 25000 members: farmers, agricultural and food industry, etc.), trainers	Carmen Mueller	c.mueller@dlg.org	7, 8, 9	GRNET
86	Federal Institute for Vocational Education and Training (BIBB)	http://www.bibb.de/	Trainers, policy makers, training providers	Andrea Mohoric	Mohoric@bibb.de	1	GRNET
87	AOC Raad (AOC)	http://www.aocraad.nl	Green education centers, educators	Hans Blankestijn	hans.blankestijn@aocraad.nl	2	GRNET
88	Energie Graz	http://www.energiegraz.at/	Company, green labour market		To be reached via STVG	8	STVG
89	Industriellenvereinigung Steiermark	http://www.iv-steiermark.at/	Companies, green labour market	Mag. Gernot Pagger	office@iv-steiermark.at	8	STVG
90	Volkswirtschaftliche Gesellschaft Wien/Niederösterreich	http://wnoe.vwg.at/	Association for Education and Economics, with the focus on education and trainings for	Mag. Thomas Hrastnik	hrastnik@vwg.at	6	STVG

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			students in VET schools and academic schools				
91	Volkswirtschaftliche Gesellschaft Burgenland	http://www.vgburgenland.at/	Association for Education and Economics, with the focus on trainings for students and school for application processes	Mag. ^a Andrea Bischel	vgb@bischel.at	6	STVG
92	Volkswirtschaftliche Gesellschaft Kärnten	http://www.vgk.at/	Association for Education and Economics, with the focus on networking with teachers and enterprises and policy makers	Mag. Herwig Draxler	Herwig.draxler@wkk.or.at	6	STVG
93	Volkswirtschaftliche Gesellschaft Oberösterreich	http://www.vwgooe.at/	Association for Education and Economics, with the focus on networks between schools and enterprises on local and regional level	Mag. ^a Christine Wolfmayr	Christine.wolfmayr@wkoee.at	6	STVG
94	Volkswirtschaftliche Gesellschaft Salzburg	http://www.vwg.at/	Association for Education and Economics, with the focus on career guidance and counseling for students within the age of 10-14 and quality for schools in career guidance as well as technique	Mag. Norbert Hemetsberger	nhemetsberger@wks.at	6	STVG
95	Volkswirtschaftliche Gesellschaft Tirol	http://www.vgtirol.at/	Association for Education and Economics, with the focus on entrepreneurship education in schools	Dr. Nikolaus Wörgetter	to be reached via mm@stvg.com	6	STVG
96	Volkswirtschaftliche Gesellschaft Vorarlberg	https://www.wko.at/Content.Node/Vorarlberger-Volkswirtschaftliche-Gesellschaft/Startseite---Vorarlberger-Volkswirtschaftliche-Gesellschaft.html	Association for Education and Economics, with the focus on career guidance and counseling for students within the age of 10-14, especially concerning dual education (apprenticeship)	Michael Haim	haim@wkv.at	6	STVG
97	AVL	https://www.avl.com/home	Global enterprise with one focus on automotive research (popwertrain)	Dr. Markus Tomaschitz	Markus.tomaschitz@avl.com	8	STVG

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98	Sattler AG	http://www.sattler-global.com/global-site/de/index.jsp	Global enterprise with one area: SATTLER - CENO Environmental Engineering	DI Alexander Tessmar-Pfohl	to be reached via mm@stvg.com	8	STVG
99	Landesschulrat Steiermark	http://www.lsr-stmk.gv.at/	School board, department for European projects and networks	Mag. ^a Maria Pichlbauer	maria.pichlbauer@lsr-stmk.gv.at	2	STVG
100	Wirtschaftskammer Steiermark	http://wko.at/stmk/	Chamber of Commerce on regional level	Dr. Gottfried Krainer	gottfried.krainer@wkstmk.at	8	STVG
101	Landesschulrat Steiermark	http://www.lsr-stmk.gv.at/	School board for all type of schools in Styria (regional level)	LSI Mag. Bern Steiner	to be reached via mm@stvg.com	2	STVG
102	Landwirtschaftliche Fachschule Grottenhof-Hardt, LFS Grottenhof-Hardt Schule	http://www.grottenhof.com/	School for agricultur	Dipl. Ing. Johannes Schantl	lfsgrottenhof@stmk.gv.at	2,7	STVG
103	Energie Steiermark	https://www.e-steiermark.com/	Engery Styria	Dr. Karl Springer	karl.springer@gmx.at	9,7	STVG
104	HTL Bulme Götting	http://www.neu.bulme.at/bulme258/	Network of 12 Technique schools on regional level	Gerald Bertl	Gerald.bertl@stvg.com	4,2,7	STVG
105	Pädagogische Hochschule Steiermark	http://www.phst.at/	Teachers Training institute in Styria	Dr. Erich Reichel	to be reached via mm@stvg.com		STVG
106	FS St. Martin	www.fs-sanktmartin.at	Network of 23 schools for agriculture and social professions	Siglinde Rotschädl	to be reached via mm@stvg.com	2,7	STVG
107	Ökosoziales Studierendenforum	http://www.oessfo.at/	Forum of student teachers and graduates	Gottfried Franz Mayer Maximilian Muhr	gottfried.mayer@oessfo.at maximilian.muhr@oessfo.at	1 & 8	STVG
108	Wasserverband Feistritztal	http://www.wasserverband-feistritztal.at	The Water Association Feistritztal in Styria	Erwin Marterer	office@wasserverband-feistritztal.at	2.8	STVG
109	HOBOS (HoneyBee Online Studies)	http://www.hobos.de/	Teachers, students, parents, scientists, beekeepers, teacher trainers, interested individuals	Prof. Dr. Jürgen Tautz	To be reached via UBT	3 & 4	UBT

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110	PATHWAY Project	http://www.pathway-project.eu/	teachers, stakeholders	Prof. Bogner	To be reached via UBT	2 & 3	UBT
111	Lernort Labor	http://www.lernort-labor.de/	teachers, students, teacher trainers		To be reached via UBT	2	UBT
112	Umweltstation Weismain	http://www.lkr-lif.de/landratsamt/umweltstation-des-landkreises-lichtenfels/index.html	teachers, teacher trainer, students, environmental educators	Andrea Musiol	To be reached via UBT	7	UBT
113	Zweckverband Müllverwertung Schwandorf	http://z-m-s.de/	teacher, students, green labour market	Franz Grabinger	To be reached via UBT	7 & 8	UBT
114	Ökologisch Botanischer Garten Bayreuth	http://www.obg.uni-bayreuth.de/de/index.html	teacher, teacher trainers, students, scientists		To be reached via UBT	4 & 7	UBT
115	Inspiring Science Education	http://www.inspiring-science-education.net/	teachers, stakeholders, educators, students	Maxi Schumm	To be reached via UBT	2 & 3	UBT
116	Open Discovery Space	http://opendiscoveryspace.eu/	teachers, students, stakeholder, policy makers, parents	Kerstin Bissinger	To be reached via UBT	2 & 3	UBT
117	PRiMaT	http://www.bayceer.uni-bayreuth.de/primat/de/lehre/primat/index.php	teachers, students, teacher trainers	Christian Fremerey	To be reached via UBT	2 & 3	UBT
118	Europafels	http://www.europafels.eu/fels/1/0/1/europa-seminare-lehrerfortbildung.html	teachers	Magdalena Baur	magdalena.baur@europafels.eu	2	UBT
119	Bioenergieregion Bayreuth	http://www.region-bayreuth.de/Bioenergieregion.aspx	teacher, students, green labour market	Bernd Rothammel	bernd.rothammel@region-bayreuth.de	1 & 8	UBT