



DELIVERABLE

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D6.3 – Final Plan for Dissemination and Use of Project Results

Revision: Final

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Executive Summary

This deliverable describes the plan for how the project consortium will disseminate and promote the project results after the project life-time in October 2015.

The consortium will make use of the networks of stakeholders that have been enlarged and strengthened during the project. It will especially make use of the “Associated Partners Network” as it connects high active organisations in the field of environmental education. It will promote GreenNET through ongoing dissemination/publicity activities, that will hold awareness about the project and its results, keep interested stakeholders informed about the project as well as promote the GreenNET outcomes.

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1. Introduction

1.1. Scope

The D6.1 Dissemination Strategy had set out a strategy allowing the project partners to address their target users, especially all relevant project stakeholders involved in the deployment and replication of GreenNET on the regional, national and international level. The plan outlined all activities that were then delivered in WP6 Dissemination. It provided an overview of the dissemination strategy, the dissemination channels and tools and the country specific dissemination activities.

This deliverable describes the plan for how the project consortium will disseminate and promote the project results after the project life-time in October 2015. This activity also includes the public awareness of the importance of GreenNET project.

In the first section, the deliverable focuses on the publishable projects results, while the second section describes the methods to be applied for dissemination and exploitation.

The consortium will make use of the “Associated Partners Network” that has been enlarged and strengthened during the project and will provide vital power for the sustainability of the project’s products and results.

1.2. Audience

This report is addressed to the members of the consortium (including Commission services and project reviewers) as well to interested stakeholders.

1.3. Definitions

Consortium: overall description of the joint partnership of the GreenNET parties

Dissemination: According to Wikipedia, to **disseminate** (from lat. *Disseminare* „scattering seeds“), in terms of the field of communication, means to broadcast a message to the public without direct feedback from the audience.¹

European Commission (EC): refers to the monitoring and co-financing unit of the project in the context of the ICT Policy Support Programme, which is represented by the Project Officer (PO) and any other appointed personnel.

Project Coordinator: the organization that has formally committed to manage all the working activities of the GreenNET project.

¹ <http://en.wikipedia.org/wiki/Dissemination>

Project Partner: any of the organizations (including the Project Coordinator) that have formally committed (through their accession to the Grant Agreement) to carry out the working activities of the GreeNET project.

Quality Assurance (QA): all processes, methods and criteria followed in order to ensure the proper implementation of the GreeNET project and the quality of the produced results.

Work Package (WP): a set of grouped work activities that have been described in the Proposal, resulting to a number of deliverables.

1.4. Structure

Chapter 2: describes in an overview target groups and respected results of GreeNET project

Chapter 3: outlines dissemination channels, describes online and offline dissemination as well as the potential of the Associated Partners Network and the contribution of the contact partners

Chapter 4: gives recommendations how to ensure the sustainability of the project

2. Overview

Around the world, awareness is growing that we live on a planet with limited resources. As human activities lead to apparent climate changes, the Earth's responses are witnessed in various forms (Herbert, 2008). This 'planetary emergency' signals an educational crisis, among others, that demands new ways of thinking and calls for support to these key competences necessary for active citizenship and social cohesion, as well as a turn towards green professions (Orr, 1992). What is more, teachers are overwhelmed by the plethora of choices and may lack the necessary skills needed to enhance students' key reflective problem-solvers, a fact that derives from the limited range of learning activities that demonstrate specific pedagogic approaches (enquiry-based learning) and innovative use of ICT tools. At the same time, students do not comprehend the applicability of science studies to future career choices, thus being hesitant towards green science studies and careers (Science Education in Europe: National policies, Practices and Research, 2011).

In 2009 the European Centre for the Development of Vocational Training published a report on the necessity to connect environmental skills to the labour market. The experience from various EU countries shows lack of a concrete policy for the advancement of those strategic skills that correspond to the identified need for the connection of environmental education to green career choices (European Centre for the Development of Vocational Training, 2010). GreenNET will respond to this increasing recognition, through the development of a network that is going to strengthen the connection between environmental sciences education and the respective labour market. Promoting innovative and engaging activities that project the scientific aspect of environmental education, GreenNET aspires to provoke interest on green sciences among students, and thus contribute to the increase of number of students choosing science-related subjects.

The goal is to develop an appropriate scheme for collecting and exchanging these exceptional good practices and their respective tools in the area of environmental education and green careers counseling that exist in various EU countries, in accordance with the "Education and Training 2010" framework. This way, GreenNET network aspires to address the necessity to develop an integrative approach in collecting and disseminating best practices that promote environmental education using enquiry-based and problem-solving approaches. To this end, a European network of teachers shall be formed and motivated through specific educational actions, contests, and summer schools, to develop the competencies necessary in order to properly educate their students according to cutting-edge approaches in environmental education.

The main objectives of GreenNET are:

1. ***To successfully and permanently link environmental education to career contexts.*** To address future skills' needs, the focus is on tackling major challenges by properly training the next generation to correspond to major issues such as sustainable development and climate change, and make sound decisions for their future careers.
2. ***To create an inventory of the most outstanding educational scenarios connecting the curricula of the participating countries to professions related to sustainable***

development and environmental protection. These shall render students more environment friendly, active and personally and professionally responsible and make them reflective problem solvers.

3. ***To establish a constantly-expanding network of teachers and school communities informed on the necessity of 'green living and teaching' and trained in effective use of digital resources in science teaching.*** This network shall operate in an independent way, with teachers supplying the educational material and ultimately being responsible for the preservation and further enhancement of the inventory.
4. ***To perform an extended dissemination and validation of the project outcomes in a wide network across Europe, and to circulate effective science teaching methods through networking with relevant projects, networks and initiatives.*** This way, it will be certified that the collective knowledge on climate consequences leading to building of eco-conscience will be used after the 3-year circle of GreeNET. The “Roadmap towards Outstanding Environmental Education based on Enquiry-based Methodologies”, to be composed for this network, supports the deployment of Environmental educational content through constantly increasing access and re-usability of ‘green-jobs’ related lesson plans with use of enquiry-based science education.

The primary objective of the dissemination is to ensure that the project will reach its main audience. The identified user segments are teachers, students, stakeholders and associated partners. Throughout the whole project period we will collect and show how to use the different dissemination channels and resources and provide interim reports on 10 practice activities in each country and on international scope to elicit effective strategies how to 10 practice available resources, to promote and communicate projects objectives, developments and products in the most effective and broadest way.

Dissemination activities in general have different purposes they are carried out to:

1. raise awareness
2. inform and train target groups
3. engage or get feedback from the community
4. address stakeholders and policy makers
5. promote GreeNET across Europe
6. facilitate the exploitation of the project outcomes

2.1. *Expected Results*

In order for GreeNET partners to achieve the best possible communications with stakeholders, the table below will make clear the role of the communication strategy within the wider project context.

Dissemination Result	Dissemination Contribution
Involvement of all relevant stakeholders	The dissemination shall meet the interests of the relevant stakeholders
Connection to the Green Labour Market	Dissemination activities will link stakeholders, teachers and other key players together thereby contributing to the effectiveness of the GreeNET project. Moreover especially the involvement of Associated Partners will contribute value for sustainability of GreeNET.
Widespread contribution of educational content by being linked to ODS	Embedding GreeNET community into the ODS project will make use of this outstanding portal and its possibilities, reaching amongst others around 10.000 teachers, pupils, students, parents, and stakeholders and thereby exponentiate the efforts and results of the GreeNET project.

Table 1: Expected Results

2.2. Target groups

GreeNET addresses its efforts to the following target groups (in cooperation with WP7, Exploitation):

Target group	Content
Teachers (in-service, pre-service)	Teachers are the most prominent target group, seeing that during the project's actions they will be taught to educate. They will be trained with the GreeNET approach. Primarily this group consists of teachers in innovative European schools (e.g. those participating in ENIS-Austria, eTwinning schools, the "New School" programme in Greece...).
Associated partners	<p>It is considered to be necessary and helpful to involve as many interested stakeholders as possible to raise awareness on environmental issues. For this purpose the Consortium will try to attract partners who will act as associated partners and thus as multipliers in the respective countries. Via associated partners sustainability of GreeNET results can best be reaches.</p> <p>See also D7.1: "Some partners of the GreeNET consortium have worked together in the Organic.Edunet project (http://portal.organic-edunet.eu/index.php), in which an affiliated partner's programme has been established. GreeNET will try to come back to these organizations and motivate them to become associated partner in the GreeNET network. Moreover new contacts will be built up in order to expand the network." (Chapter 3.3 Exploitable results)</p>
Educational stakeholders , education stakeholder organizations	will be approached by each partner through their specific dissemination channels
Environmental organizations and educators	will be involved in the good practice collection and in the development of the GreeNET training. Furthermore they will be constantly informed about the project's progress and invited to events and training activities.

Other key projects and initiatives in the educational sector (researchers, representatives of Green Labour Market,...)	will be approached to ensure the dissemination to the international community and policy and to identify synergies. To share results and capitalizes for synergy in reaching common target groups, the Consortium will undertake several efforts to link with other projects and programmes (see also D7.1, Chapter 3.1 Exploitation objectives).
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Table 2: Target groups

3. Dissemination channels, online/offline Dissemination

The most effective dissemination strategy is to involve users and enablers through awareness and training activities. The GreenNET Project has established a close collaboration with the ODS-Project and thereby benefits from the dissemination networks of 50 European partner organizations involved and the network of 2000 ODS-schools.

ODS Open Discovery Space² (project portal www.opendiscoveryspace.eu) is an outstanding and the biggest ever eLearning-programme of the EU-commission aiming to build “a socially powered and multilingual open learning infrastructure to boost the adoption of eLearning resources” (official ODS-presentation).

Planning and dissemination activities commenced at the start of the project and extend until the end. The use of Internet communication channels for dissemination permits a Europe-wide dissemination to a huge number of educators. The dissemination channels can be divided into online tools and activities reaching a broad number of interested persons across Europe online and offline dissemination, focusing on direct interaction with target groups. The latter also comprises the majority of partner specific activities such as localized training and dissemination events.

The most important publication and dissemination medium is the project site, through which user communities, experts, organizations, and policy makers are able to access, use and evaluate the project results. Social media are employed and dissemination materials are posted to popular Web 2.0 tools.

The offline dissemination channel requires each partner to conduct dissemination activities in their local area: the production and targeted distribution of more conventional dissemination products: a leaflet, and presentations at local, regional and national (education) events like workshops and conferences.

² Portal for users: <http://portal.opendiscoveryspace.eu/>

3.1. Project website “greenet.ea.gr”

The GreeNET Project website (<http://greenet.ea.gr/>) serves as the main tool for disseminating the project's developments, training activities and events with interested target groups on the overall European scope.



Figure 1: GreeNET website (<http://greenet.ea.gr/>)

3.2. *GreenNET best practice repository*

During year two all partners have collected best practices. The website now provides, in its section “best practice repository” a wide variety of best practices, that are available in Dutch, English, German, Greek and Spanish.

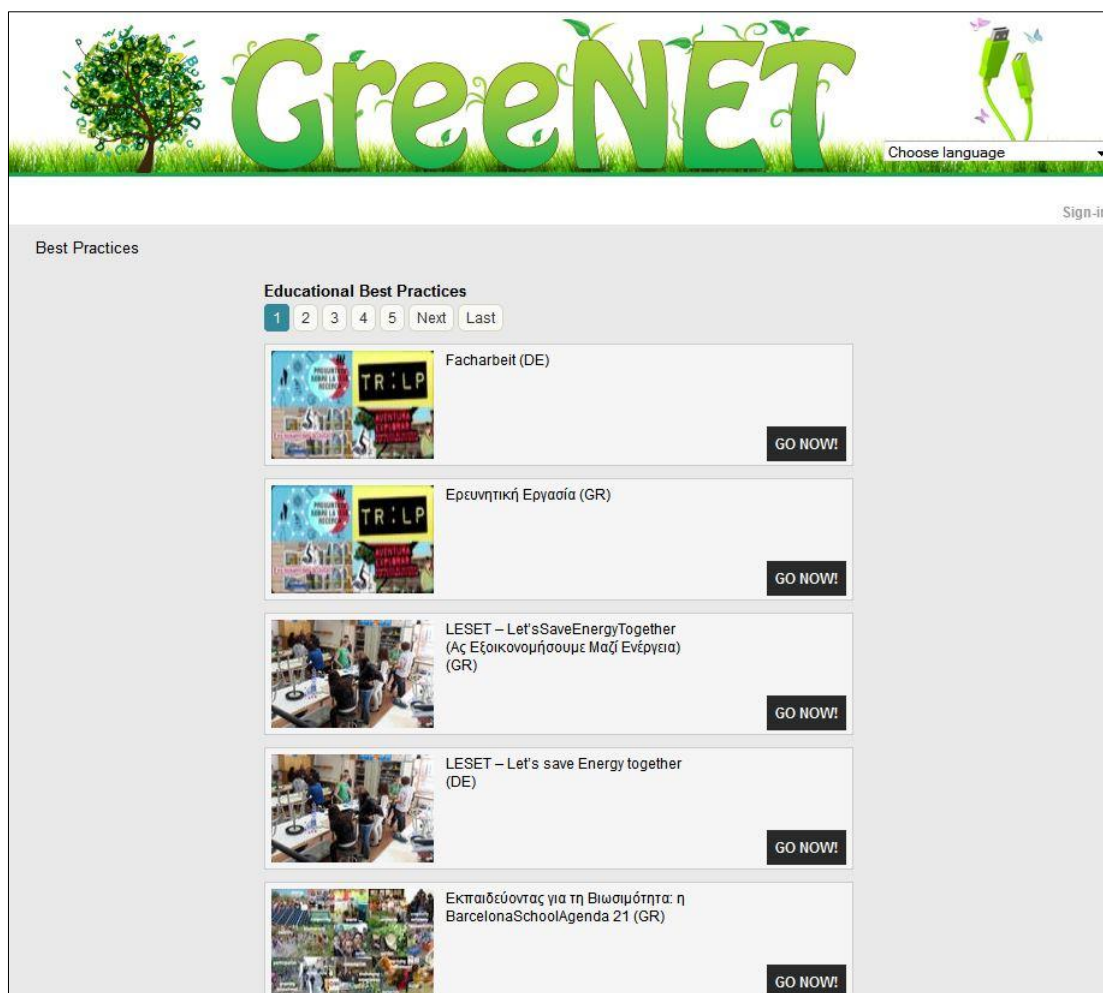
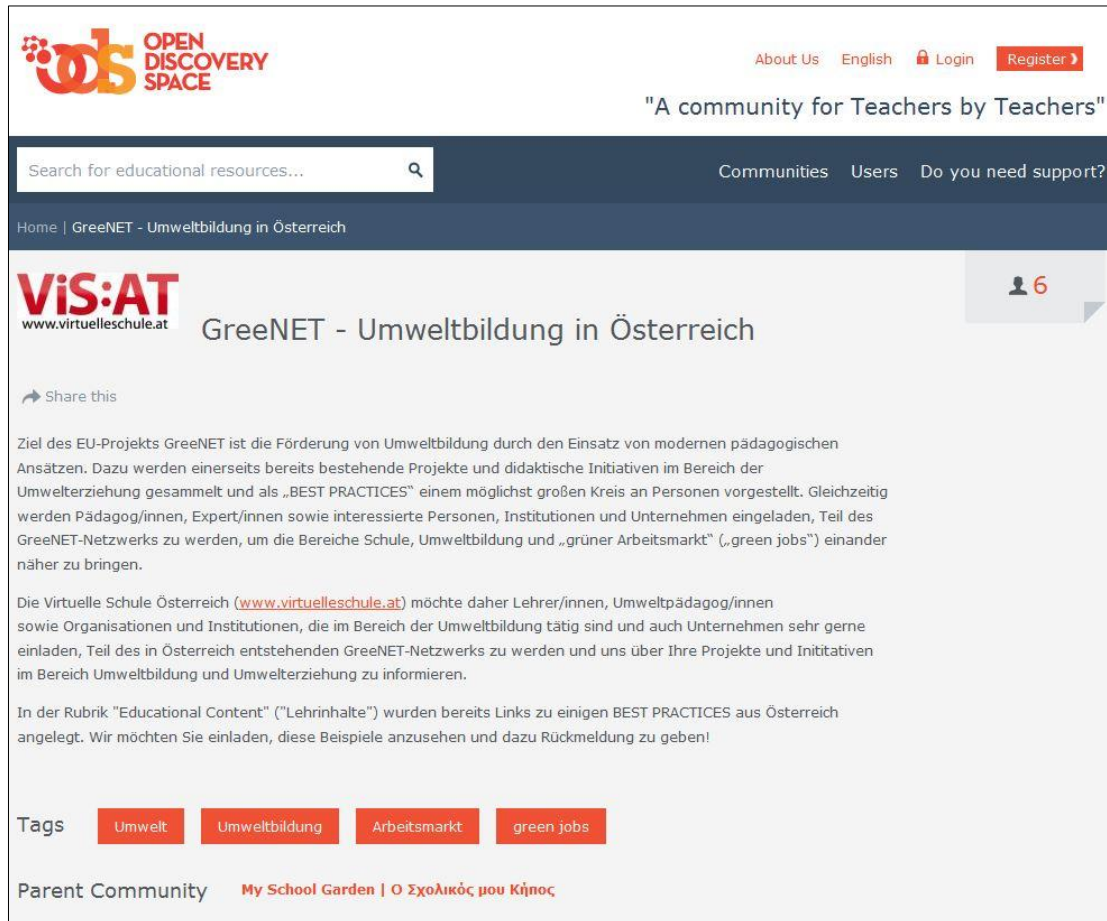


Figure 2: GreenNET best practice repository (<http://www.greenet-education.eu/greenet/>)

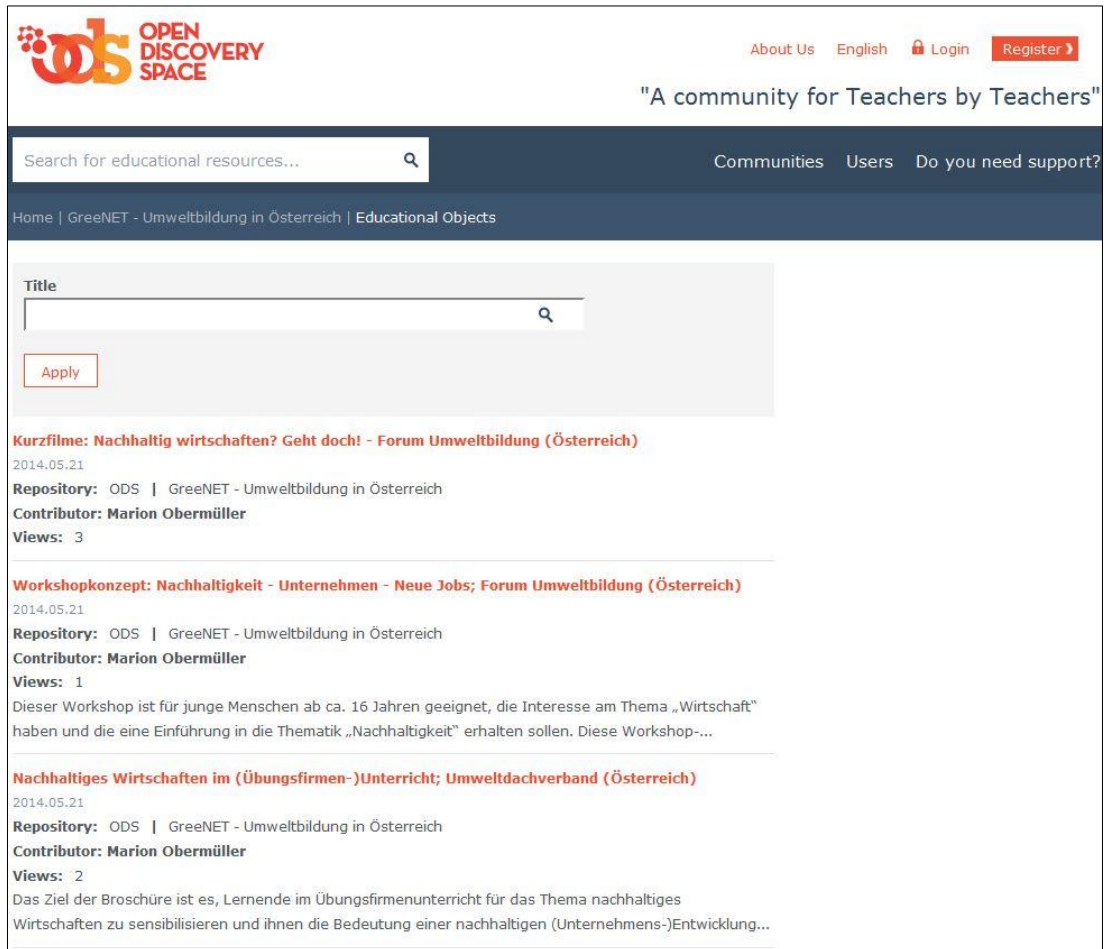
3.3. *GreenNET embedded in the ODS Project*


Making use of this outstanding portal and its possibilities enables GreenNET to reach amongst others around 10.000 teachers, pupils, students, parents, and stakeholders.



The screenshot shows the GreeNET community page on the Open Discovery Space (ODS) platform. The header includes the ODS logo and navigation links for 'About Us', 'English', 'Login', and 'Register'. The main title is 'A community for Teachers by Teachers'. A search bar is present with the text 'Search for educational resources...'. Below the search bar, the breadcrumb trail reads 'Home | GreeNET - Umweltbildung in Österreich'. The main content area features the 'ViS:AT' logo (www.virtuelleschule.at) and the title 'GreeNET - Umweltbildung in Österreich'. A 'Share this' button is visible. The text describes the goal of the EU-project GreeNET, which is to promote environmental education through modern pedagogical approaches. It mentions that existing projects and didactic initiatives are being collected and presented as 'BEST PRACTICES' to a large group of people. Simultaneously, pedagogues, experts, interested individuals, institutions, and companies are invited to join the GreeNET network to bring together the areas of school, environmental education, and 'green jobs' (grüner Arbeitsmarkt). The text also mentions that links to some 'BEST PRACTICES' from Austria are available in the 'Educational Content' section. At the bottom, there are tags for 'Umwelt', 'Umweltbildung', 'Arbeitsmarkt', and 'green jobs'. A 'Parent Community' section lists 'My School Garden | Ο Σχολικός μου Κήπος'.

Figure 3: GreeNET on ODS, Austrian GreeNET community





[About Us](#)
[English](#)
[Login](#)
[Register](#)

"A community for Teachers by Teachers"

[Communities](#)
[Users](#)
[Do you need support?](#)

Home | [GreenNET - Umweltbildung in Österreich](#) | Educational Objects

Title

🔍

Kurzfilme: Nachhaltig wirtschaften? Geht doch! - Forum Umweltbildung (Österreich)
 2014.05.21
Repository: ODS | [GreenNET - Umweltbildung in Österreich](#)
Contributor: Marion Obermüller
Views: 3

Workshopkonzept: Nachhaltigkeit - Unternehmen - Neue Jobs; Forum Umweltbildung (Österreich)
 2014.05.21
Repository: ODS | [GreenNET - Umweltbildung in Österreich](#)
Contributor: Marion Obermüller
Views: 1
 Dieser Workshop ist für junge Menschen ab ca. 16 Jahren geeignet, die Interesse am Thema „Wirtschaft“ haben und die eine Einführung in die Thematik „Nachhaltigkeit“ erhalten sollen. Diese Workshop-...

Nachhaltiges Wirtschaften im (Übungsfirmen-)Unterricht; Umweltdachverband (Österreich)
 2014.05.21
Repository: ODS | [GreenNET - Umweltbildung in Österreich](#)
Contributor: Marion Obermüller
Views: 2
 Das Ziel der Broschüre ist es, Lernende im Übungsfirmenunterricht für das Thema nachhaltiges Wirtschaften zu sensibilisieren und ihnen die Bedeutung einer nachhaltigen (Unternehmens-)Entwicklung...

Figure 4: Sharing best practices provided by Associated Partners in ODS

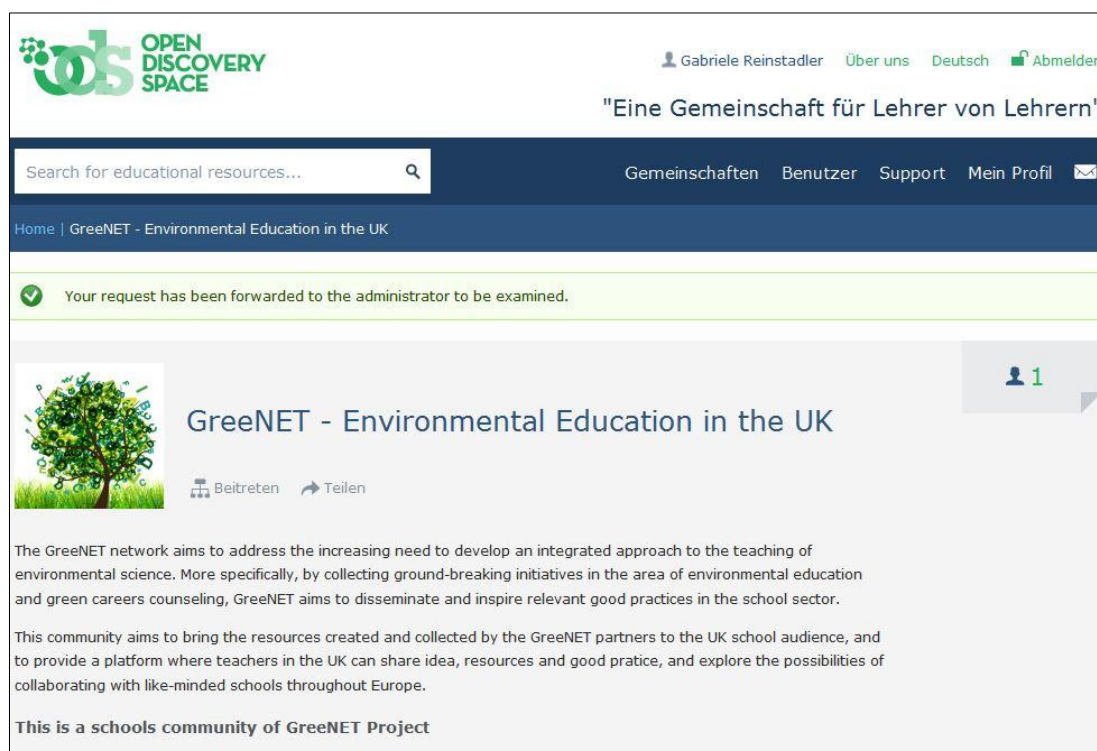


Figure 5: Environmental Education in the UK – British GreenNET community in ODS

3.4. Dissemination through web2.0 activities

To further increase the awareness of the GreeNET project, its aims, developments and especially its outcomes, it is of utmost importance to integrate social media tools within the dissemination channels in order to reach a wider target audience. The following social media channels are implemented:

1. Facebook (<https://www.facebook.com/GreeNETproject>)
2. Twitter (<https://twitter.com/GreeNET Project>)

The creation of a social network among the GreeNET target audiences is more than just installing those two social media channels. These two tools are being installed to support the efficient and quick distribution of project news and materials, as both tools – Facebook and Twitter – serve as online multipliers. By referencing the postings on both accounts to the GreeNET Project website, more traffic and attention will be generated on the project website.

Within three years web2.0 activities have become a more and more important instrument in order to reach as many target users as possible. GreeNET is among the leading project what concerns the use of social media. It has therefore become a very visible project in facebook and Twitter.

The most effective dissemination strategy is to involve users and enablers through awareness and training activities. The GreeNET Project has established a close collaboration with the ODS-Project and thereby benefits from the dissemination networks of 50 European partner organizations involved and the network of 2000 ODS-schools.

ODS Open Discovery Space³ (project portal www.opendiscoveryspace.eu) is an outstanding and the biggest ever eLearning-programme of the EU-commission aiming to build “a socially powered and multilingual open learning infrastructure to boost the adoption of eLearning resources” (official ODS-presentation).

3.4.1. GreeNET Profiles on Facebook and Twitter

3.4.1.1. Facebook

The GreeNET page on Facebook can be found here: <https://www.facebook.com/GreeNETproject>.

3.4.1.2. Twitter

The GreeNET Twitter page can be found here: https://twitter.com/GreeNET_Project.

Hootsuite:

Furthermore a Hootsuite account was installed using the gmail-adress mentioned above. Hootsuite is a social media management tool to manage multiple social media channels at once. In addition Hootsuite offers the possibility to plan ahead tweets and postings on both social media channels. Website: <https://hootsuite.com/>.

³ Portal for users: <http://portal.opendiscoveryspace.eu/navigation>

Websites connected to GreeNET Project

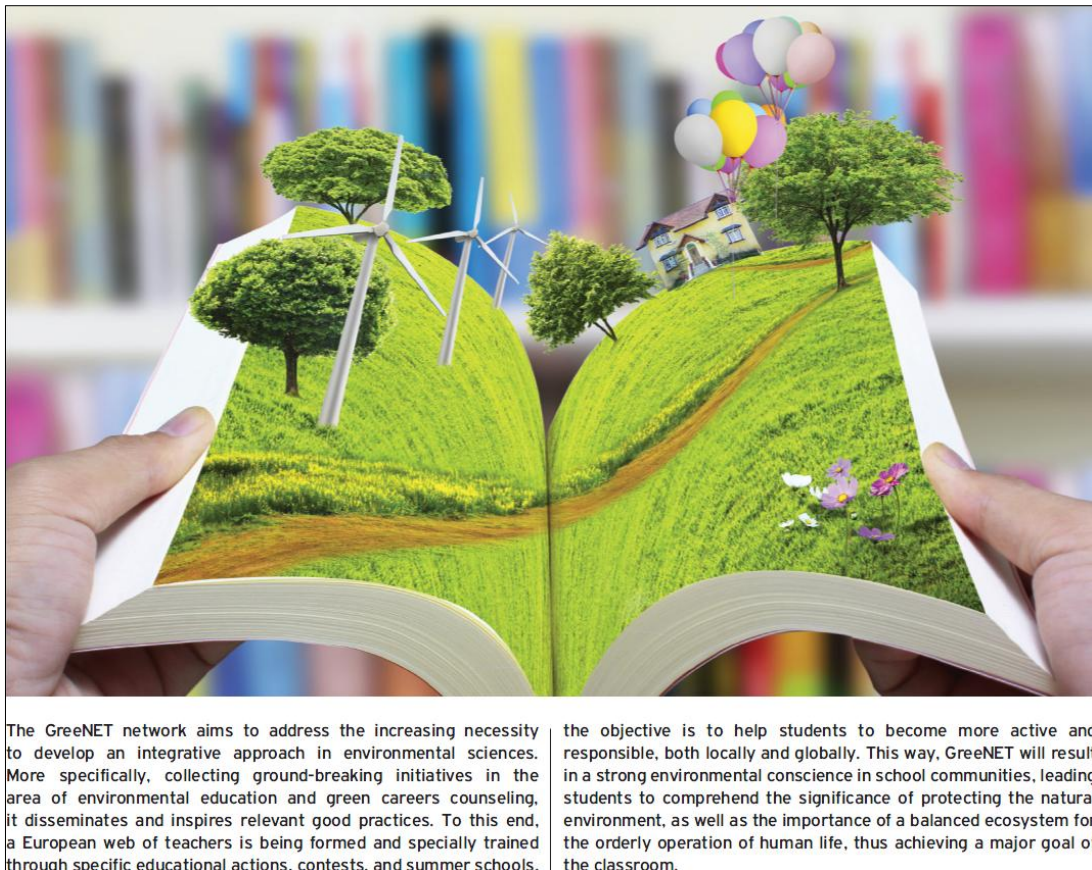
Website URL	Organisation/Body	Target Groups	Thematic area	Relevance to the GreeNET project
www.ea.gr	EA	Education Stakeholders (teachers, school leaders, parents, students)	Education (primary, secondary)	Linking to the project's website
www.virtuelleschule.at	BMBF	Education Stakeholders (in- and preservice teachers, students)	Education, national & international projects –all subjects	Website of the GreeNET project
www.schule.at	BMBF	Teachers, teacher trainers	Education, subject oriented projects and teaching material	Linking to Virtuelle Schule
www.enis.at	ENIS European Network of Innovative Schools	Teachers, teacher trainers, education stakeholders	Education, ICT	Project's news
http://etwinning.sch.gr	(CTI) Pan-hellenic school network	Teachers, school leaders, librarians etc.	e-community for European schools	
http://www.ekk.aua.gr/index.php?sec=research&cat=0	AUA (Laboratory of Vegetable Production)	Researchers, teachers, students, education stakeholders,	Education	Linking to the project's website
http://www.ecoinstitut.es/greenet/	ECOI	Education Stakeholders (teachers, school leaders, parents, students)	Summary in Catalan of GreeNET Website (aimsm, best Practices in Catalunya, etc.)	Linking to the project's website

http://edidaktik.at	BMBF	Teachers, teacher trainers, education stakeholders	Digital education	Presentation of the project; Dissemination
http://www.bayceer.uni-bayreuth.de/didaktik-bio/	UBT	Education Stakeholders (teachers, pre-service-teachers, teacher trainers)	Education	Presentation of the project, linking to the project's website

SOCIAL NETWORKING TOOLS (e.g. Facebook, Twitter, Blog)				
Name / URL	Organization/Body	Target Groups	Thematic area	Relevance to the GreeNET project
https://www.facebook.com/virtuelleschule	BMBF	Teachers, education stakeholders	education news, projects	WP6 Dissemination
http://www.e-teaching-austria.at/	(BMBF) e-teaching Austria	Teachers, education stakeholders	online newsletter, education, projects	WP6 Dissemination
https://www.facebook.com/www.ogi.gr	Organisation Earth (NGO)	Teachers, education stakeholders, NGOs	education news, projects	WP6 Dissemination
GreeNET on Twitter - @GreeNET_Project https://twitter.com/GreeNET_Project			education news, projects	WP6 Dissemination
GreeNET on Facebook: https://www.facebook.com/GreeNETproject			education news, projects	WP6 Dissemination
Facebook	EA	Teachers, stakeholders	education news, projects	WP6 Dissemination
GreeNET outcomes promotion through individual GRNET personnel Twitter accounts	GRNET	Teachers, education stakeholders, people interested in education on green topics	project outcomes news	WP6 Dissemination

3.5. Dissemination material

A GreeNET presentation describing the GreeNET's objectives has been produced by the consortium as well as a GreeNET brochure in digital format for partners' easy printing and translation in the national languages. Updated and revised versions of the brochure will be provided in the course of the project if necessary. These materials were made available for all consortium members for translation and used during training or local events, press releases and for presentation in public conferences.



The GreeNET network aims to address the increasing necessity to develop an integrative approach in environmental sciences. More specifically, collecting ground-breaking initiatives in the area of environmental education and green careers counseling, it disseminates and inspires relevant good practices. To this end, a European web of teachers is being formed and specially trained through specific educational actions, contests, and summer schools.

the objective is to help students to become more active and responsible, both locally and globally. This way, GreeNET will result in a strong environmental conscience in school communities, leading students to comprehend the significance of protecting the natural environment, as well as the importance of a balanced ecosystem for the orderly operation of human life, thus achieving a major goal of the classroom.

Figure 6: GreeNET brochure

Partner EUMMENA produced a leaflet describing the best practice collection and distributed it during events with partners in Belgium:



Figure 7: GreenNET leaflet in Dutch with best practices

The University of Bayreuth produced an additional flyer describing aims and scope of the GreeNET project as well as a poster for dissemination on conferences (German and English):



GreenNET

GreenNET – Environmental Education through Enquiry and Technology

soll als Netzwerk einen integrativen Ansatz im Bereich Umweltbildung fördern. Genauer gesagt werden inspirierende Best Practices und eine Sammlung wertvoller Initiativen im Bereich Umweltbildung und Berufsberatung für Green Jobs zusammengestellt und verbreitet wird. Zu diesem Zweck wird ein europäisches Netzwerk aus Lehrerinnen und Lehrern aufgebaut, das im Rahmen verschiedener Bildungsmaßnahmen, Wettbewerben und Summer Schools spezielle Kompetenzen entwickelt, innovative Maßnahmen im Umweltbildungsbereich auswählt und adaptiert.

Die von diesem Netzwerk erarbeiteten Ergebnisse sollen zu neuen Ideen und innovativen Lösungen sowie zu einer Bewusstseinsklärung in Umweltfragen führen. Letztlich sollen Schülerinnen und Schüler verantwortungsvoll und aktiv auf lokaler und globaler Ebene handeln.

Die heranwachsende Generation wird tun müssen, wozu die gegenwärtige nicht Willens und nicht fähig war: die Stabilisierung der Weltbevölkerung, die Stabilisierung und Reduktion der Treibhausgase, die Erhaltung der Biodiversität, die Erhaltung der Wälder und die Schonung der Böden. Die nächste Generation muss lernen, wie Energie und Rohstoffe mit größter Effizienz eingesetzt und Solarenergie in allen Formen genutzt werden kann. [...] Es müssen Maßnahmen ergriffen werden, den Schaden der letzten 200 Jahre im Zuge der Industrialisierung zu reparieren – und all das vor dem Hintergrund zunehmender sozialer und ethnischer Konflikte. Keine Generation sah sich einer gewaltigeren Herausforderung gegenüber.

David Orr, 1993
- Environmental Literacy; Education as if the Earth Mattered -

GreeNET wird so das Umweltbewusstsein in Schulgemeinschaften stärken, damit Schülerinnen und Schüler die Bedeutung des Schutzes der Umwelt sowie eines ausgeglichenen und nachhaltigen Ökosystems für eine reibungslose Interaktion der Menschen erkennen, einem zentralen Ziel des Unterrichts.

Das Projekt orientiert sich hierbei an den Empfehlungen der *High Level Group on Science Education* (Rocard, 2007). Diese beabsichtigen das Interesse junger Menschen für Naturwissenschaften zu steigern, was im Projekt durch die Teilnahme an Initiativen zum Umweltschutz, verbunden mit verschiedenen Schulfächern, in die Berufswahl junger Menschen miteinfließen soll.

Figure 8: GreenNET Flyer in German, front page

GreenNET

About GreeNET

- EU-project, funded by the COMENIUS programme for Lifelong Learning
- Duration: 11/2012 – 10/2015
- Partner countries: Austria, Belgium, Germany, Greece, Spain
- Formation of a network strengthening the connection between the green labor market and environmental education

Aims & objectives

- Successful and permanent link of environmental education to career contexts
- Training pupils to correspond to major issues such as sustainable development and climate change
- Inventory of Best Practices linking curricula of participating countries to professions related to sustainable development and environmental protection
- Establishment of a network of teachers and school communities informed on the necessity of green living and teaching

Best Practices

Collection of 26 outstanding good educational scenarios from 5 countries, i.a.

- Energy – Today and Tomorrow
- Rainforest and Climate Change
- AGROWeb
- LESET – Let's Save Energy Together
- Waste – Reduce Reuse Recycle Recover
- HOBOS – To Bee or not to Bee

Goal: Rendering students more environment-friendly, active and personally and professionally responsible

Criteria for selection of Best Practices

Main objective of GreeNET is to create an inventory of most outstanding educational scenarios connecting curricula to sustainable development and environmental protection. For this, Best Practices were selected according to the following criteria:

1. Relation to a green topic and curriculum
2. Being interdisciplinary: Drawing upon many academic disciplines and teaching methods
3. Relevance to the daily life of students
4. Based on accurate and factual professional expertise
5. Connection to professions in the green labour market
6. Learning by research and enquiry
7. Activation of students by hands-on
8. Enhancement of students' ICT skills
9. Support of the development of social skills
10. Adaptability of the programme

Selection of Criteria is based on extensive literature reviews, as well as on feedback from experts from the educational system and the green labor market

Partners

- Ellinogermaiki Agogi
- Styrian Association for Education and Economics
- Eummena
- Federal Ministry for Education and Women
- University of Bayreuth
- Greek Research and Technology Network
- Ecoinstitut Barcelona
- Agricultural University of Athens

Environmental Education

Inquiry-Based Learning

Green Labour Market

ICT-Tools

Department of Biology Education
 Prof. Dr. Franz X. Bogner, Mona Schönfelder
info@greenet.eu
www.greenet.eu

Lifelong Learning Programme
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UNIVERSITÄT BAYREUTH

Figure 9: GreeNET poster for conferences, used by UBT

BROCHURES, LEAFLETS, OTHER DISSEMINATION MATERIAL					
Name	Organisation /Body	Target Groups	Thematic area / Objectives	Relevance to the GreeNET project	Reference material on BSCW
GreeNET Brochure	EA	Teachers, Education Stakeholders	Projects objectives	Dissemination [WP6]	
GreeNET Brochure – german	EA/ BMBF/ all partners	Teachers Education Stakeholders	Project objectives		
VIS-Journal; EU Projects	BMUKK	Teachers, Education Stakeholders	EU-Projects – presentations		
GreeNET Newsletter on VIS:AT	BMUKK	Teachers, Education Stakeholders	Projects objectives and products		
GreeNET Newsletter in newsletter of PA21E (Barcelona School Agenda 21 Programme)	ECOI	Schools in PA21E network	Attracting teachers to implementation actions	WP4 (Phase A)	http://www.sostenibilitatbcn.cat/index.php/a21e-n228/884-n228-12-greenet
GreeNET Brochure in Greek	EA	Teachers, Education Stakeholders	Projects objectives	Dissemination [WP6]	
GreeNET Leaflet Germany	UBT	Teachers, Education Stakeholders, Schools, etc.	Projects objectives	Dissemination [WP6]	https://fit-bscw.fit.fraunhofer.de/bscw/bscw.cgi/d42802649/GreenET_Flyer_Germany.pdf

Presentation GreeNET project and Implementation Activity: "Exchange of good practices of environmental education for the green economy"	ECOI	Teachers	education news, projects	Dissemination [WP6] & WP4	https://sites.google.com/a/xtec.cat/aulatec/home/actualizacio-tecnica-i-didactica/greenet_1_2014
GreeNET leaflet in Dutch	EUMMENA	Teachers, Education Stakeholders, Schools, etc.	Projects objectives	Dissemination (WP6)	
GreeNET Poster in German	UBT	Teachers, Education Stakeholders	Project objectives, Best Practices	Dissemination [WP6]	https://fit-bscw.fit.fraunhofer.de/bscw/bscw.cgi/d44179251/GreeNET_Germany_Poster_dt.pdf
GreeNET Miniposter	UBT	Teachers, Education Stakeholders	Decoration Rooms for Interviews	Dissemination [WP6]	https://fit-bscw.fit.fraunhofer.de/bscw/bscw.cgi/d44179270/GreeNET_Germany_MiniPoster_engl.pdf
GreeNET Buttons	UBT	Teachers, Education Stakeholders, Schools, Public	Dissemination of the Website and the project	Dissemination [WP6]	

GreeNET Poster in English	UBT	Teachers, Education Stakeholders	Project objectives, Best Practices	Dissemination [WP6]	https://fit-bscw.fit.fraunhofer.de/bscw/bscw.cgi/44310653?op=preview&back_url=40304235
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3.6. Associated Partners Network

A key-liason was the development of the existing associated partners to foster the GreeNET network and to anchor the GreeNET outcomes to the green labour market. Partners, stakeholders, teachers – each GreeNET target group could be powered to contribute to the growing network of associated partners. Each partner should keep in mind that the green community at the time being registers enormous continuing growth and that every new aspect of EE&T, green labour market etc. are welcome in and should be added to the GreeNET network.

The Associated Partners Network is the most important component for the sustainability of GreeNET project.

3.6.1. Associated Partners contribution in the future

The Associated Partners Network is recognised as a main pillar for the sustainability of GreeNET project after it has officially ended. It is composed of stakeholders with different interests, core themes and target groups, and at the same time all partners are enthusiastically committed to GreeNET.

EA

EA is working closely together with the following Associated Partners in order to guarantee sustainability and implement results beyond the lifetime of the GreeNET project.

❖ ENTREDU PROJECT CONSORTIUM

The ENTREDU goals are to enable networking between developers of entrepreneurship education and therefore its close link with GreeNET 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 GreeNET in order to build and maintain several communities of teachers towards the utilization of GreeNET 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 ICT. 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 schools in Athens and therefore its collaboration with EA assures the connection of future GreeNET based activities in actual schools.

STVG

❖ **EcoSocial Students-Forum**

The EcoSocial Students-Forum is part of a large community „EcoSocial Forum“ which is acting at national and provincial level in Austria as well as at European level as member of the EcoSocial Forum Europe.

The EcoSocial Students-Forum will inform about GreeNet 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 GreeNet 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 GreeNET contents, practices and products.

❖ **Association for Education and Economics Vienna / Lower Austria**

The Association for Education and Economics Vienna / Lower Austria (VG W/NÖ) is part of the Austrian wide network of Associations for Education and Economics in all nine Austrian provinces.

The direct influence in working at topics out of the area education and economics is given in two Austrian provinces, Vienna, also the capital of Austria, and the largest Austrian province, Lower Austria. Together these two provinces cover one third of Austrian inhabitants. VG W/NÖ is working 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 GreeNET 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.

❖ **Wasserverband Feistritztal – Association for Water Feistritztal**

The Wasserverband Feistritztal – Association for Water Feistritztal (Wasserverband) is composed of 11 municipalities in the eastern part of the province Styria. The Wasserverband is mainly responsible to secure the provision of clean water in the member municipalities. This responsible task contains the task 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.

GRNET

❖ **Agro-Know**

is a fast-growing, extraordinary SME 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. Using state-of-art and standards-compliant technology solutions, as well as high quality data pools (together with other types and sources of relevant data) enables Agro-Know to deliver competitive solutions and customised services covering the needs of all stakeholders in the agricultural, food, environmental and biodiversity science spectrum, ranging from scientists and educators to farmers and citizens. Agro-Know is responsible for the maintenance of the GLN data pool, where all the educational material used by GreenNET is aggregated. The GLN data pool will be available indefinitely, as it is part of its day to day operation.

❖ **The Faculty of Agriculture of the University of Agronomic Science and Veterinary Medicine of București**

was established in 1852 and it is the oldest and most prestigious agronomic higher educational institution in Romania. The Faculty of Agriculture provides high qualification in the following domains: agronomy, forestry and biology. The graduates of the Faculty of Agriculture acquire qualifications that meet the requirements of the labour market from such sectors as production, services, scientific research, education, expertise and consulting, agribusiness, insurance, administration and integrated management of agricultural production, forestry and rural environment. This associated partner will help disseminate

nate GreeNET outcomes to higher education stakeholders, university students and the labour market.

❖ **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. It has access to the labour market targeted by GreeNET and the Technical Educational Institute of Athens who is leading the project, will make sure we have access to their networks of training providers and employers.

- ❖ 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 aiming at creating a shared awareness of emerging job profiles and existing gaps of skills and competences in the current workforce. ACT will provides us access to its network and connections in the labour market and policy makers, allowing us to promote our results after the end of the project.

BMBF

BMBF started the promotion process for the “GreeNET Associated Partner Network” with those institutions/ organisations that have contributed to the Austrian GreeNET 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 best practice 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 GreeNET project was evident to them. The GreeNET 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 “GreeNET – Umweltbildung in Österreich” (Environmental education in Austria)

<http://www.opendiscoveryspace.eu/community/greenet-umweltbildung-osterreich-388487>.

❖ **Research Institute of Organic Agriculture**

This institute designed a specific project “School of Eating” and planned to start pilot ac-

tivities in schools in collaboration with the GreeNET project. A specific community was created on the ODS (<http://www.opendiscoveryspace.eu/community/projekt-schule-des-essens-fibl-forschungsinstitut-fur-biologischen-landbau-828328>) to support the educational activities within this project that became a further GreeNET Best Practice and a real “success story” (described in Del.7.4.).

EUMMENA

ECOI

Ecoinstitut SCCL is working closely together with 2 associated partners in order to guarantee sustainability and implement results beyond the lifetime of the GreeNET project. The two associated partners are:

- ❖ **Barcelona City Council:**

[Barcelona School Agenda 21 Programme \(now + Sustainable Schools\)](#): it's a network by definition. More than 325 schools are involved every year in the same process that encourages and supports schools in designing, implementing and assessing action plans to integrate their environmental management and the principles of sustainability in their educational program.

- ❖ **CESIRE, Center for Educational Research and Innovation,**

Department of Education, Government of Catalonia: is, basically, a permanent training center of teachers of Elementary and Middle Schools in Catalonia.

Barcelona School Agenda 21 Programme and CESIRE, within their organizations, collaborate with ECOI to promote and develop the validation activities, improving the validation phase with their expertise and daily work with schools, teachers, students, educational communities, educational experts, etc.

Both, Barcelona School Agenda 21 Programme and CESIRE, have their **own network for teachers and their Open Educational Resources** (where put and share their educational documents and materials, their criteria to select Best Practices, etc.).

- **Barcelona School Agenda 21 Programme** does a lot of actions like **training** (more than 80 sessions throughout the year) and **sustainability actions** with continuity (Composting, Waste prevention plans, Let's take Care of the Planet, etc.) and these materials and activities are their main Open Educational Resources.

Examples of training programs for teachers and schools (Barcelona School Agenda 21 Programme):

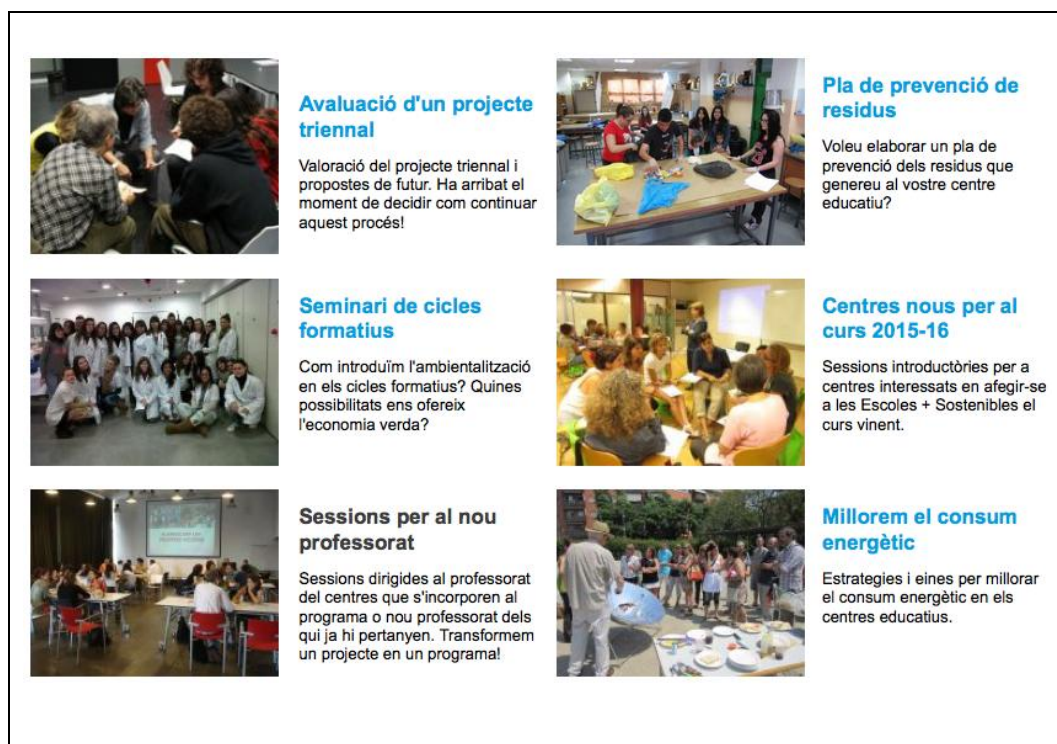
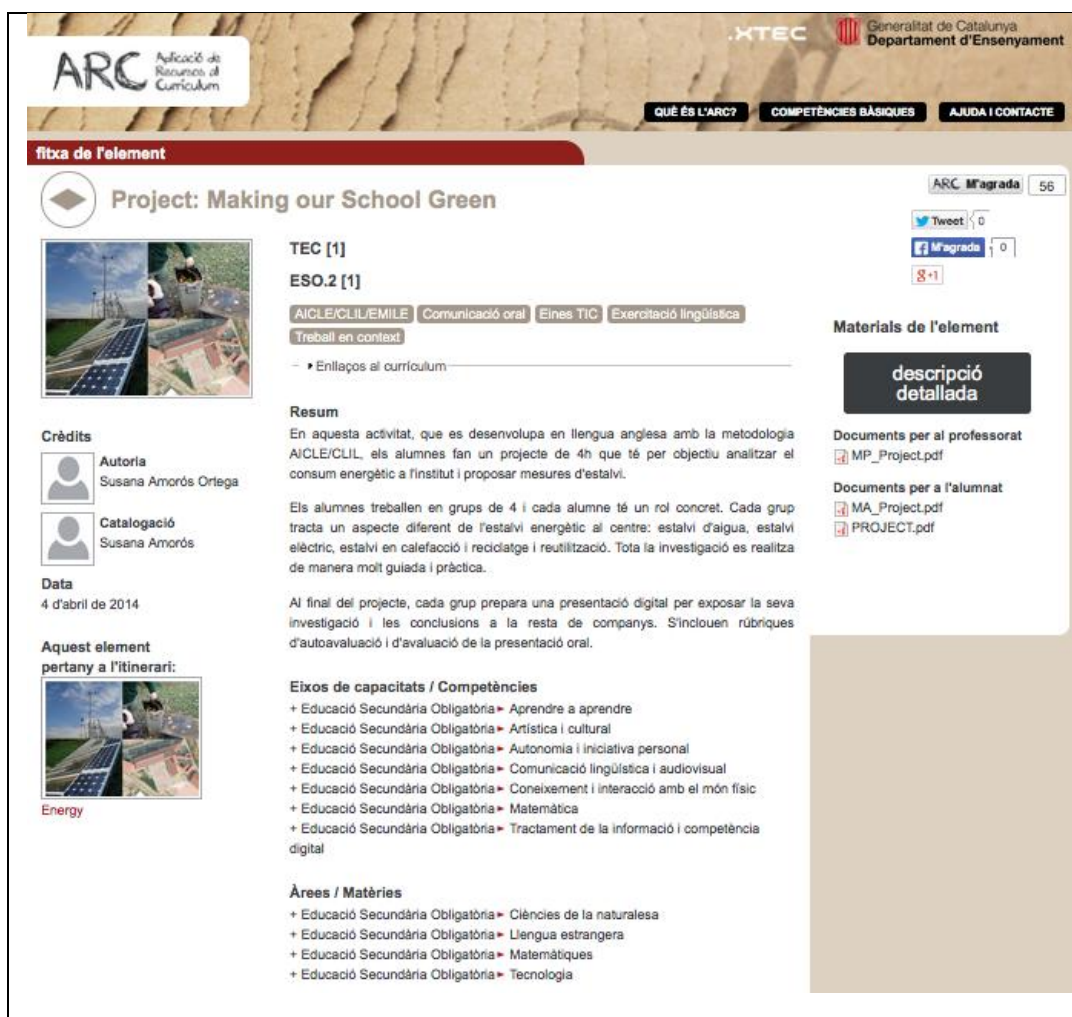


Figure 10: Barcelona School Agenda 21 Programme

- **CESIRE**, the Centre for Educational Research and Innovation has a **network** between teachers, schools and research institutions to improve teaching and learning through educational research and innovative educational resources and projects. Cesire has created their own **Open Educational Resources**, one public repository of the best practices in the classroom classified according to the curriculum and the educational level. This inventory is called: ARC ([Aplicació de Recusos al Currículum](#), in Catalan), the **Implementation of Resources in the Curriculum** (in English).

Example of a card inside the ARC repository (Making our School Green):



The screenshot shows a web page from the ARC repository. At the top, there is a header with the ARC logo (Aplicació de Recursos al Currículum) and the XTEC logo (Generalitat de Catalunya, Departament d'Ensenyament). Navigation buttons include 'QUÈ ÉS L'ARC?', 'COMPETÈNCIES BÀSIQUES', and 'AJUDA I CONTACTE'. The main content area is titled 'Project: Making our School Green' and features a large image of solar panels. Key information includes:

- TEC [1]** and **ESO.2 [1]** levels.
- Keywords: AICLE/CLILEMILE, Comunicació oral, Eines TIC, Exercitació lingüística.
- Work context: Treball en context.
- Link to curriculum: Enllaços al currículum.
- Resum:** A project in English where students analyze energy consumption and propose measures.
- Elaboration:** Students work in groups of 4, each with a specific role, focusing on energy saving (water, electricity, heating, recycling, reuse).
- Final goal:** Each group prepares a digital presentation to share their investigation and conclusions.
- Competencies:** A list of skills from the Secondary Education curriculum, including 'Aprendre a aprendre', 'Artística i cultural', 'Autonomia i iniciativa personal', 'Comunicació lingüística i audiovisual', 'Coneixement i interacció amb el món físic', 'Matemàtica', and 'Tractament de la informació i competència digital'.
- Àrees / Matèries:** 'Ciències de la naturalesa', 'Llengua estrangera', 'Matemàtiques', and 'Tecnologia'.
- Documents:** Links to PDF files for teachers (MP_Project.pdf) and students (MA_Project.pdf, PROJECT.pdf).
- Author:** Susana Amorós Ortega.
- Date:** 4 d'abril de 2014.
- Category:** Energy.

Figure 11: ARC Repository, example of a card

Dissemination and use of results will therefore be guaranteed through the collaboration and the use of the educational resources of the existing associated partners networks.

UBT

The University of Bayreuth established contact to three partners within the GreeNET 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 GreeNET 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 GreeNET'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.

AUA

The Agricultural University of Athens has established five associated partners within the GreenNET Network:

➤ **Organization Earth**

Organization Earth is a Greek not-for-profit NGO set up to provide answers to modern social concerns about society and the environment. One of its main actions is to implement non-formal, environmental and social awareness education activities to school children (Kindergarten, Elementary School, High School). AUA in collaboration with Organization Earth has organized implementation activities to disseminate GreenNET Best Practices and simultaneously train teachers, educators, developers of environmental educational programmers. Thus, with this collaboration GreenNET benefits from the already well developed network of contacts that Organization Earth has established. Moreover, Organization Earth is a helpful stakeholder to get feedback and validation for GreenNET outcomes, as well as GreenNET activities. Finally, with the establishment of Organization Earth as associated partner we are ensured that GreenNET Best Practices will continue to be implemented and distributed to our target groups.

➤ **Lake Pamvotis**

Lake Pamvotis is a private law legal person, of public utility, supervised by the Minister for the Environment, Energy and Climate Change. Main objectives are to conserve the natural environment and preserve the ecological balance in the frame of the sustainable development. Originating from natural springs and streams, the waters of Lake Pamvotis support a rich ecosystem that includes a large number of fish, birds and amphibians. Information - awareness of the local community and visitors is an essential responsibility of the Lake Management Body Pamvotis. In this context the Management Authority of Lake Pamvotis have organized a lot of activities that raise awareness relate the Pamvotis lake ecosystem, for school students. Again, GreenNET is benefits from the extended network of teachers, educators, schools and environmental policy developers that Lake Pamvotis has already established to disseminate GreenNET activities and outcomes. For this reason AUA has organized various implementation and validation events (teachers's trainings, GreenNET web tools, evaluation of Best Practices) with the collaboration of Lake Pamvotis in the area of North Greece.

➤ **Laboratory of Crop Production**

Laboratory of Crop Production is one of the first laboratories founded in Agricultural University of Athens. The objectives of the Laboratory of Crop production are teaching and research on field crops, namely: the study of all factors affecting crop production and the development of the appropriate techniques for achieving high yields and better quality of the products. The Laboratory of Crop Production has already participated in

many national and European projects related environmental education like *Organic Edunet* and organic school gardens. Thus, the Laboratory of Crop Production helped GreeNET with significant feedback but also it was a connecting link between with other European and national projects, NGO's, representatives of organic associations and environmental policy developers.

➤ **MAICH**

MAICH (Mediterranean Agronomic Institute of Chania) is an international meeting point for research and development in the Mediterranean, demonstrating very strong links with first-class Universities, the global academic community and many renowned research institutes. It displays a highly competitive outlook in EU programmes. There are three other MAIs (Mediterranean Agronomic Institutes) in Italy, Spain and France which operate in different thematic fields and provide post-graduate education that supplements, in content and methods, the training given in the national institutions. Moreover, MAICH has developed specialized environmental educational programs for school students of the local area (Crete) and generally Greece, aiming to connect school students with research, increasing their critical thinking through environmental phenomena. Therefore, it was a great opportunity to participate in our network as associated partner. MAICH is another partner that will sustainable use the GreeNET outcomes.

➤ **LAVA**

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 is trying to create strong relations with local communities and connect school students with the green market labor, but always with increased environmental sensitivity. During the last years LAVA has organized several events in schools related environmental education in different areas of Greece (eg. Biodiversity and nature, school vegetable gardens, Eat well, feel well). In our case LAVA is a perfect representative of green market to validate GreeNET results.

3.7. Networking and contact with other projects and partners

3.7.1. Contribution of further networks and contacts, project partners

Many of the consortium members are active or have experience in similar projects. This facilitates sharing of work and resources in order to ensure high value is added to every resource used. One key-liaison has been established with the ODS-Project (www.opendiscovery.eu). Given the scope and size of this project, GreeNET can highly benefit from the size of the ODS-community (2000 schools in Europe) and exchange best practice in competence-based teaching with the ODS-consortium.

3.7.2. Contact List

As part of exploitation 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 complete GreeNET contacts can be found in Deliverable 7.3 (Annex, Chapter 7.2). It has to be stated that GreeNET partners have been very successful in reaching the self-defined goals.

The contacts will contribute to the sustainability of GreeNET project as follows:

EA

The measures that will be used from EA towards future GreeNET promotion will be:

- Promotion through the project web site (which will be constantly online and „alive“)
- Utilization of social networking channels in which EA is member (e.g. ODS facebook channel)
- Promotion of activities and results on relevant conferences and other project meetings where EA is participating

The main target groups to be reached through the dissemination strategy will include:

- Policy makers (Greek Ministry of Education and Local Directorates of primary and secondary education))
- Research Organizations, Institutes and Universities active in the field of education innovations (e.g. University of Patras – Computer Engineer and Informatics Department)
- Private sector (mainly companies working in the field of environmental innovation and sustainability with which EA collaborated mainly towards the promotion of the School Garden best case)
- Other networks – consortia working on promotion educational innovation (from several projects in which EA is participating like DIGISKILLS and E-STEP LLP projects).

STVG/BMBF

The other contacts of STVG concerning green topics in general and GreeNET in special are important actors in the area of environment, green work, green thinking and influence society, education and economics with green topics and green attitudes, out of different parts of society, public life, education and world of work.

All these contacts are informed about intention, work and outcomes of GreeNET and use the results, products and practices concerning their own mission.

The contacts of STVG, also in cooperation with the other Austrian partners in GreeNET, are composed of institutions like responsible Federal Ministries for environmental issues, Federation of Industry, Energy Enterprises, Educational networks for environmental and green teaching, adult education institutions in the area of agriculture, schools and Clusters of Eco-Enterprises. Together the contacts will work as a multiplier contact network concerning green projects out of GreeNET and other, green pedagogic approaches and will continue to bring together education and world of work by means of green topics and issues, also to prepare young people for needs and demands of companies concerning green contents, thinking and green awareness.

Together with the other Austrian partners in GreeNET STVG will keep the contact to all mentioned contact nodes in a continuous way, mostly based on a background of working together for many years on the past as a precondition for close contact and co-operation concerning green topics in the future.

Complete Contact List Austria:

Umweltberatung
Lebensministerium
Öko-Cluster
SCHULE.at; Gegenstandsportale Biologie, Ernährungslehre
HS für Agrar- und Umweltpädagogik
Goethegymnasium, Projekt Rio 92+
Energie- und Umweltagentur Niederösterreich
Bio Austria
Forum Umweltbildung
Green Jobs Austria
Energie Graz
Industriellenvereinigung Steiermark
Ländliches Fortbildungsinstitut Österreich
Nationalparke Steiermark
Kelag - Kärntner Elektrizitätsgesellschaft
Forstliche Ausbildungsstätte Pichl der Landwirtschaftskammer Steiermark
ECO World Styria



GRNET

EUMMENA

ECOI

Dissemination and knowledge sharing beyond the project lifetime will be achieved through further networks, partners (of the Associated Partners Barcelona School Agenda 21 Programme and CESIRE and of Ecoinstitut SCCL). For example, Barcelona School Agenda 21 Programme collaborates with the Catalan Network XESC the ([Xarxa d'Escoles per a la Sostenibilitat de Catalunya](#), in Catalan; Catalan Schools towards Sustainability Network, in English), which also disseminates Best Practices for teachers and School communities.

Example of Best Practices: “Greening the curriculum” (training for teachers) from XESC:

Ambientalitzem el currículum

Aquesta activitat descriu el procés d'ambientalització curricular portat a terme pel claustre de la ZER Les Vinyes a través d'un assessorament i dins del pla de formació de zona. En el procés es van crear les línies metodològiques per a l'elaboració d'activitats transversals ambientalitzades, que poden ser aplicades als diferents centres de la ZER i que estan destinades a tots els nivells educatius.

Nivell Educatiu: Educació Infantil (P3, P4 i P5) i primària.
Àmbit temàtic de l'activitat: Ambientalització curricular i ensenyament i aprenentatge de competències.
Context d'acció: Curricular.
Tipus d'activitat: Formació del professorat.
Durada: 60 hores al llarg de dos cursos escolars. L'horari d'assessorament era dues hores quinzenals el curs 2009-2010 i dues hores setmanals el curs 2010-2011, sempre fora de l'horari escolar. En total han estat 40 hores de treball presencial i 20 hores de treball personal.




Figure 12: Example of Best Practice from Associated Partner XESC

Additionally, the partners, experts and organisations that have been involved in different tasks and activities of the GreeNET project in Spain will be contacted to share the results of the project and to explore further applications in implementation projects and programmes.

UBT

Beside the key-liasion with ODS in which the University of Bayreuth take part within the evaluation of the project, UBT is active in several projects on national and pan-european level. For instance, GreeNET can benefit from the project Inspiring Science Education by exchanging Best Practices and methodologies. Furthermore GreeNET can provide material, developed best practices and further experiences in other European projects, e.g. CREATIONS, which starts in October 2015.

AUA

All the contacts of Agricultural University have been well informed for the GreeNET actions, outcomes and GreeNET web tools in order to spread them to their contacts that may be interested and use them according their relevant activities. The web resources and the final success story guide is important material for our GreeNET contacts to keep the GreeNET mission “alive”.

3.8. Suggested local channels

The channels used to deploy will be at the discretion of each national partner. The table below provides a suggested approach to selecting appropriate generic channels for deploying GreeNET.

Channel Type	Description of Channel	Use of Channel
Teacher Associations/ Committees	local/regional/national meetings of teaching groups. Contain qualified participation of education professionals discussing educational approaches	Promote GreeNET using leaflet, presentation etc., run local training events and lobby for the project, if possible search for associated partners
Networks/ newsletters specialised on Green Labour Market/Education/ Sustainability	Publications reaching a regional or national/international audience with impact on education and/or green labour market	Make use of press release, create discussion/promotion of GreeNET
School Associations	Regional or national associations of schools which discuss issues of educational or environmental importance	Promote GreeNET using leaflet, presentation etc., run local training events and lobby for the project, if possible search for associated partners
Education Events/ Conferences	Specialist conferences with high concentration of education practitioners and decision makers.	Promote GreeNET using leaflet, presentation etc., run local training events and lobby for the project, if possible search for associated partners
Local Events, green labour market events	Local/regional events especially with connection to EE&T and the green labour market	Promote GreeNET using leaflet, presentation etc., run local training events and lobby for the project, if possible search for associated partners

Table 3: Suggested local channels

4. Recommendations

As partners were very committed to GreeNET project they are very interested in keeping the project and its results sustainable. The following recommendations were collected:

EA

As mentioned in the previous chapter the main and most feasible **measures** that could be used towards future GreeNET promotion and sustainability could be:

- Promotion through the project web site (which will be constantly online and „alive“)
- Utilization of social networking channels (e.g. maintain the GreeNET facebook community and all ODS communities)
- Promotion of activities and results on relevant conferences and other project meetings where project partners are participating

STVG

Recommendations for sustainability of GreeNET project out of the point of view of STVG and based on experiences out of the common work in GreeNET project, combined with the background of experiences of STVG in cooperation with schools, companies, stakeholders etc. at local, regional, national and European level aim mainly at the following aspects:

- First, the collected, evaluated, transferable practices in GreeNET should be implemented and used in an extensive way, also in cooperative activities with associated partners and contacts.
- Second, the methodologies and tools, developed in GreeNET should be applied at more and new pedagogic approaches, educational projects, and environmental programmes, to widen the range of usable and effective educational in school and other education institutions concerning effects and quality of green topics, contents and competences for students and future applicants for green and other jobs.
- Third, a special focus should be directed on the topic of the needs and demands of companies and enterprises concerning knowledge, skills and competences of job applicants concerning the aspect “green jobs” in special, but also in the world of work today and in the future in general and the options for school, to prepare young people for that. Results and outcomes of GreeNET are a valuable sources for that issue, additional the intention must be to continue incentives and innovation for implementation of new approaches for that target continuously in the future.

All partners should try to use their contacts and cooperation to fulfil these recommendations at all levels, local, regional, national and European.

GRNET

GRNET will be responsible for sustaining the GreeNET inventory and the Best Practice Authoring Tool for at least two years after the end of the project.

BMBF

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. 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 such 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 organised meetings and exchange forums and the GreenNET products will be presented to a broader audience of interested stakeholders and thus may build a basis for future environmental school projects.

EUMMENA

ECOI

Ecoinstitut SCCL collected interesting opinions and impressions about the GreenNET project during the validation phase of the project, working closely with our associated partners and through interviews with our stakeholders. Some of the recommendations and feedback given by the Spanish stakeholders to guarantee the sustainability of the GreenNET projects are:

- The selection of **Best Practices** and the work in **Networks** are essential for all different types of environmental educational institutions all over Europe.
- The creation of a **big network** with open resources (lessons plans, teaching notes, students worksheets, etc.) to facilitate the virtual exchange of environmental knowledge, discussions, polls, etc. - like the **ODS Portal**- is a **great project but requires that someone boosts the portal and keeps it alive** (through future international projects with common interest that motivate teachers to participate, with systematic meetings, searching new ideas, sharing their applications, etc.). Therefore, the efforts taken until now should be continued in future European Projects that should build on the existing work in GreenNET, ODS Portal and other similar projects.
- In parallel, the project results and outstanding Best Practices should be integrated on those tools and repositories that are already used at national, regional or local level in each country (like the **ARC repository** of the Educational Department in Catalonia, or the Agenda 21 School Programme platform).
- In this sense, it will be necessary to guarantee that the **materials and outcomes are adapted to the curriculum in each course and each educational level** (primary, secondary, etc.), in order to avoid that teacher have to spent time to adapt them and can use them directly.
- Beside the dissemination of Best Practices and European Networking, it would be interesting to create an **updated European environmental encyclopedia**. It's not easy, but necessary to update and specify what we mean when we talk about Environmental

Education in each educational level. It could be **strategic to establish the same standards for different levels of education** (contents, etc.) in all countries of the EU.

UBT

- **Use of GreeNET's products:** The best practice repository and the GreeNET *moodle* platform should be used by teachers and other education stakeholders. Therefore it is necessary that these products should be assessed in professional developments and in teacher training.
- **Increase the motivation of stakeholders to develop and share their practices:** Through further events, e.g. workshops or summer schools, pre- and in-service-teachers should become more familiar with the GreeNET methodology by creating their own green scenarios using the enquiry-based learning approach and engage them to upload their own contents to the repository.
- **Motivation to exchange using the ODS portal:** The ODS portal provides a great opportunity to exchange about learning approaches and materials. Teachers should be motivated to exchange their ideas about environmental issues and to develop interest groups.
- **Support the established network:** GreeNET's partner organisations should support the already existing GreeNET Community for an active cooperation and including more interested partners.

AUA

After various of validation activities with green stakeholders, associated partners, educational institutions as well as representatives of green companies AUA has result in the next recommendations for the sustainability of GreeNET :

- **Effective dissemination of GreeNET's products:** As was also referred previously the GreeNET's products are useful material to guarantee the sustainability of GreeNET project. In this step associated partners, contact list of GreeNET, as well as all the participants of GreeNET implementation events play an important role and must be well informed about GreeNET products.
- **Maintain actively GreeNET website and social media:** The GreeNET website must operate and also continue to be updated, since it is the main connection for GreeNET web tools. The GreeNET facebook account must be active as it is a very effective and direct way for "fans" to be up to date.
- **ODS communities:** ODS communities is an excellent way to provide, exchange, develop educational scenarios. All GreeNET partner must support actively the already established communities and attract more interested participants.