WP1 – Networking

1.1. Establishment of National, Regional and International Network

(1st preliminary report)

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Executive Summary

This report is a preliminary report of the work conduct under work-package WP1 – Networking. WP1 is planned to run from the 1st to the 34th month of the project. The main aim of WP1 is to establish a broad network of partners at national, regional and international level that could contribute to the successful development of EGREEN. This report present the results of the first 13 months of the project regarding the build-up of this network.

1 Introduction

1.1 General Introduction

The EGREEN project – "Development of Enviromental Engineering and Injection of Climate Change Concept for Undergraduated Curriculum: EU Experience for Jordan and Syria" – is a project involving Jordanian and Syrian universities and European universities and companies. The main objective of EGREEN is to establish and accredit a high didactic and contents for courses in the environmental engineering and climate change field at the Jordanian and Syrian partner universities in order to enhance its capacity. This program has been designed with the collaboration of the European partners involved in the project.

The specific objectives of EGREEN are:

1. To develop, integrate, accredit and evaluate some courses at a bachelor degree program with an appropriate laboratory component in environment jointly taught by universities in Jordan and Syria and brought into line with the Bologna requirements;

2. To engage faculty in the development of interactive instruction techniques for lectures and laboratory courses and sharing experiences with EU partner universities;

3. To develop and implement course content using distance learning;

4. To extend services and training in collaboration with the local and regional industry and community;

5. To improve the human capacity of Jordanian and Syrian universities by providing training and upgrading opportunities in the EU.

1.2 The EGREEN Network

In the scope of the project an EGREEN Network was established. The aim of the EGREEN Network is:

- To support the identification of the market need in Jordan and Syria in terms of the competence of staff in subjects within the field;
- To support the revision of the curriculum, attending some workshops and seminars or by giving lectures and seminars about the latest development in environmental technology and climate change phenomena;
- To facilitate exchange of good practises between the members through the EGREEN website and twinning procedures in order to promote transfer of knowledge among its members;
- To encourage the submission of common proposals and development of projects among the members of the network;
- To enable the students to make their practical placement by the suitable companies.

2 Activities description / summary

The main activities that were carried out in order to develop the EGREEN Network were the following:

- Detail of a strategy to approach organisations in order to present EGREEN and EGREEN Network. A Memorandum of Collaboration between the members of the EGREEN Network was developed in order to support the contacts with potential members for the EGREEN Network.

- Identification/selection in the different partner countries and within individual partner networks of organisations that could be interested and interesting to be member of EGREEN Network. This included previous organisations members of a network of a previous tempus project (MAPEC).

- Invitations and contacts were done by EGREEN partners with the potential EGREEN Network Members. Contacts were done by e-mail and/or phone and/or by personal meeting. Presentation of EGREEN and EGREEN Network objectives were done also in events organised by the participants through all the project duration.

3 Results / Discussion

1.3 General Introduction

The up-dated number of registered EGREEN Network members is 118. The distribution of the EGREEN Network members is the following:

- 49 partners from Jordan,
- 38 partners from Syria,
- 12 partners from EU partners countries,
- 17 partners from other EU countries,
- 2 partners from non-EU countries.

The organisations registered in the EGREEN Network include higher education institutions, companies, official authorities from Jordan and Syria and NGO's. A good feed-back was normally obtained from the universities. Positive feed-back also coming from national authorities. The feed-back from companies that were invited was not always so positive. Some companies, although recognising the interest of the project, did not want to be formally committee with the EGREEN Network.

4 Conclusions / Recommendations

In these first 13 month of the project it was already possible to establish a very interesting network of partners that include relevant organisations from the partner countries Jordan and Syria. It was also possible to involve a significant number of organisations outside the partner countries. For this the project benefited from the network established in a previous Tempus project. However, from the EU partners with the exception of Portugal, any partners were yet involved in the network. It is expected and recommended that this network will be enlarged throughout the project. The project dissemination and the active role of partners in create awareness regarding the EGREEN network is very important and can contribute to that enlargement. Offering and attracting EGREEN network members to EGREEN and partner EGREEN activities is strongly recommendable to strength this network.

5 Appendice – List of EGREEN Network Members

5.1 Jordan

- Jordan Renewable Energy and Energy Efficiency Fund
- Arab Potash Company ltd
- Arab Potash Company
- Royal Hashemite
- FES
- Orange
- AL Wathba inv.com
- Green Plans Consultants
- Green Plans Consultants.
- United Pioneering Business - UPB
- Samer zawaydeh, Independent
- Suliman for Renewable Energy Systems
- AL Buraq for Electrical Systems
- Abd AL Rahman Damra and Partner
- Jocadmasters
- EVAS Energy crop
- Integrated United Professional EST
- Al Buraq for Electrical Systems
- AlREMAL ENGINERING and CONT.co
- Abd Al Rahman Damra and Partner
- Petra Development & Tourism Region Authority
- EVA Training and Consulting
- Malak For water Treatment
- BE Environmental Services
- Royal Scientific society
- Sokia-Water Engineering Consultancy
- Integrated United Professionals Est

- Arab Potash Company
- Al-Qawafel Ind.agr.co
- Arab Fertilizers and Chemicals Industries Ltd. (KEMAPCO)
- Qatrana cement company
- Jordan Aeronautical System Company (JAC)
- King Abdullah Design and Development Bureau KADDB
- The Arab Pesticides and Veterinary Drugs Mfg.Co.(Mobedco-Vet)
- Directorate of Maintenance/Royal Jordanian Air Force
- Sami Qasem Office
- Yarmouk Company
- Queen Rania Al-Abdullah Center For Environmental Science & Technology
- Center of Excellence for Innovative Projects
- Hashemite University
- Al-Nahda for Renewable Energy and electromechanical Systems
- Energy Services Center
- Blue Sky for Renewable Energy
- Al Manhal Renewable Energy
- Al-Mutakamelah Energy Company
- Applied Sciantific Research
- King Abdullah Design and Development Bureau
- Jordan Aeronautical System Company
- Royal Jordanian Air Force

5.2 Syria

- Alawadi Engineering office of Ghazal
- Environmental Affairs in Lattakia
- Ivan Co
- General Establishment of Water Supply and Sewage
- General Sewage Company
- Directorate of Agriculture, Department of Renewable Energy

- Daahboul for Alternative Power
- Faculty of Mechanical Engineering
- Technological Engineering Institute
- General Company of Engineering and Consulting
- Delta Company for the manufacture and import dry and liquid batteries
- Department of Technical Services
- Faculty of Mechanical Engineering
- Faculty of Agriculture
- Manara Business School
- Faculty of Economic
- Directorate of Drinking Water - Homs
- Ministry of Environment - Damascus
- Engineering Office for Water Treatment and Water Technology - Homs
- General Fertilizer Company (GFC)
- Homs Refinery Company (HRC)
- Office for Sealing and Exporting Equipment (Environment, health, renewable energy)
- Environment Committee /Engineering Board /
- Pharmacy Company
- Expert of Environment at Tartus University
- Banias Refinery
- Ministry of Industry - Directorate of industry , Homs
- Homs Environment Directorate,
- Homs -Sugar Factory
- Vegetable Oil Company
- Refinery Institute for Profession
- Education Directorate - Homs
- Directorate for Financing Small Projects
- Swan Engineering and consulting office
- Directorate of Drinking water – Homs
- Infrared Thermal Imaging Control

- Biotechnology Researchs Center - Al-Baath University
- The Directorate of Tourism in Hims

5.3 European Union and Other Countries

- ADInvest Internations (Portugal)
- Agricultural University – Plovdiv (Bulgaria)
- Agricultural University of Georgia (Georgia)
- Aristotle University of Thessaloniki, School of Agriculture (Greece)
- Armenian National Agrarian University (Armenia)
- Bracing Consulting, Lda (Portugal)
- Dnipropetrovsk State Agrarian University (Ukraine)
- Efisensus, Lda (Portugal)
- Emílio Vilar, Lda (Portugal)
- Ferghana State University (Uzbekistan)
- Ficheiro Limpo, Lda (Portugal)
- Foundation for SME Development - Regional Enterprises Support Centre - Bitola RESC (Macedonia)
- Instituto Politécnico da Guarda / Guarda Polytechnic Institute (Portugal)
- Instituto Politécnico de Castelo Branco (Portugal)
- Krizevci College of Agriculture (Croacia)
- MAC-Team, eurl (Portugal)
- MycoTrend, Lda (Portugal)
- Nukus Branch of Tashkent University of Information Technologies (Uzbekistan)
- Odessa State Environmental University (Ukraine)
- Tbilisi State University (Georgia)
- University of Algarve (Portugal)
- University of Belgrade - Faculty of Agriculture (Serbia)
- University of Economics – Varna (Bulgaria)
- University of Food Technologies (Bulgaria)

- University of Minho | School of Engineering – Departament of Biological Engineering (Portugal)
- University of Novi Sad, Faculty of Agriculture (Serbia)
- University of Osijek, Faculty of Food Technology (Macedonia)
- University Ss Cyril and Methodius - Faculty of Technology and Metallurgy (Macedonia)
- University St. Clement Ohridski-Bitola - Faculty of Technology and Technical Sciences-Veles (Macedonia)
- Venture Catalyst, Lda (Portugal)
- Yerevan State University (Armenia)