



Deliverable E3.1

Networking activities

■ Document Version	: Final
■ Document Preparation Date	: August 2015
■ Classification	: Public
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■ File Name	: Deliverable_E3.1

■ Project Ref. Number	: LIFE 11 ENV IT 103-HEO
■ Project Start Date	: June 2012
■ Project Duration	: 36 Months
■ Website	: www.highefficientoven.eu



Table of Contents

1	Introduction.....	3
2	Methodologies and procedures	3
3	Results.....	3
3.1	Life+ Project.....	3
3.2	Other EU funding instruments	4
3.3	Networking under establishment.....	5
4	Conclusion	6



1 Introduction

This report describes the activities done to establish links with other LIFE+ and EU funded projects. Networking activities will be open also beyond the end of the project.

2 Methodologies and procedures

The networking activities started with a thorough inventory of the LIFE+ and other EU databases (i.e. Eco-Innovation, Intelligent Energy Europe, FP7) on the on-going or recently completed projects dealing with environmental impact reduction and a more efficient use of the resources. The most relevant projects have been identified through key words (e.g., energy efficiency, coating, industrial process, LCA, home appliances) and preliminarily listed to put in place possible contacts for future partnership and synergies, taking into account the confidentiality issues towards competitors and categories associations (e.g. CECED).

First of all, Whirlpool has structured cross-category links with internal funded initiatives with a twofold objective: build the HEO project on already existing knowledge and mutually exploit and share the best practices and lessons learnt in the HEO execution with other on-going or recently started internal funded initiatives. Furthermore, Whirlpool constantly pursues external networking. This activity is carried out taking into account the existing partners and suppliers involved in EU funded projects to leverage the mutual sharing of knowledge.

During the preparation of the final conference, the inventory of the LIFE+ and EU databases have been intensified to select a mailing list of possible attendees and pursue further external networking opportunities. A set of projects dealing with sustainability and the efficient use of resources have been identified.

3 Results

Results of the networking activities are here presented. 6 projects were identified for networking. Networking activities will be open also during after the end of the project.

3.1 Life+ Project

- ✓ **K-12 LIFE13 ENV/IT/001238** *“Disruptive technology to dramatically improve Energy Efficiency of Household appliances”*



Project objective:

To demonstrate the feasibility and effectiveness of manufacturing an innovative, polyurethane (PU) foam for improving thermal insulation and, thus, the energy efficiency of households' cold appliances; **Coordinator:** Dow Italia; **Status:** on-going; **Project reference:** LIFE13 ENV/IT/001238;

- ✓ **ENERG-ICE LIFE08 ENV/IT/000411** *“New PU Foaming Technology for the Cold Appliance Industry Assuring a Cost-Efficient Ecodesign with Augmented Energy Saving”*

Project objective:

The ENER-ICE project focused on reducing the environmental impact of energy-using products, such as cold appliances, by taking action at the design stage, where the pollution caused during the product's life cycle can be best prevented; **Coordinator:** DOW Italia **Status:** Completed; **Project reference:** LIFE08 ENV/IT/000411;

- ✓ **CRESIM LIFE LIFE11 ENV/IT/000095** *“Energy-efficient CFRP remanufacture from regenerated carbon fibres, using fast demoulding high pressure spray injection”*

Project objective:

The 'CRESIM' project will demonstrate an innovative pilot process for the production of CFRP composites from recycled carbon fibre; **Coordinator:** AFROS spa **Status:** On-Going; **Project reference:** LIFE11 ENV/IT/000095;

3.2 Other EU funding instruments

- ✓ **SPRAY** *“Breakthrough Water Spray System for Front loading washing machines”*

Project objective:

The SPRAY project demonstrates the feasibility of a new system based on an innovative water inlet, which allows to directly spray fresh water into the centre of the laundry with improvement in the water reduction; **Coordinator:** Whirlpool; **Status:** Completed; **EU Instrument:** ECO-INNOVATION;



✓ **GREEN KITCHEN**

Project objective:

To develop and share crucial knowledge in the field of future home appliances and domestic to advance technologies and eco-design strategies for improving energy efficiency of home appliances; **Coordinator:** Whirlpool; **Status:** Completed; **EU Instrument:** FP7 Marie Curie;

✓ **HEECS “High Efficiency Electronic Cooking System”**

Project objective:

To reduce energy consumption on domestic microwave ovens; **Coordinator:** Whirlpool; **Status:** Completed; **EU Instrument:** ENIAC JU;

3.3 Networking under establishment

Beyond the previous projects, Whirlpool is paving the way to establish networking with other projects; in this regard, mail exchanges and preliminary contacts have been started, in particular with these projects:

- ✓ **LIGHT PET** - Innovative process and solutions to reduce the weight of PET containers and boost the diffusion of the green purchases LIFE11 ENV/IT/000184;
- ✓ **Life Plastic Killer** - Innovative plastic pollutants removal for efficient recycled wood panels production LIFE12 ENV/IT/000374;
- ✓ **LIFE CARWASTE** - A novel and efficient sorting process for post-shredder ELVs to meet and overcome ELV directive targets LIFE13 ENV/IT/000185;



4 Conclusion

To widen the impacts of the HEO project on EU communities and strengthen the dissemination of its demonstrated benefits and results, Whirlpool has established networks and exchanges of lessons with other LIFE+ and EU funded projects. In this regard, confidentiality issues towards competitors and categories associations is considered. Networking activities will be open also beyond the end of the HEO project.

