A taste of projects shortlisted for funding from CIP Eco-innovation (Call 2012)

Project name	Project description	Countries involved
NIREA	The project aims to introduce into the market a new recycling process for Printed Circuit Boards (PCBs) coming from WEEE.	FR, ES
HiPO-U70	The project is about the introduction of an optical sorting machine for the very complex < 70 mm fraction of household waste after an initial Mechanical-Biological treatment.	LV, FR
WETNET	Field trial of an in-pipe flow meter and associated software in the monitoring and management of water distribution network in municipality of Pisa.	IT, ES
AQUALOOP	Full scale demonstration of a water reuse system including heat reclamation for treating grey water or surface water runoff from domestic and commercial buildings.	DE, CZ, AT
ALMOST	The project will utilise agricultural waste (vine prunings) to produce an environmentally friendly organic substrate for agriculture.	ES, CZ, FR
AquaCritox	Demonstrating a supercritical water oxidation technology for converting sewage sludge in CO2 and water while generating excess energy.	IE, IT, UK
PV-MOREDE	The project brings into the market a new mobile recycling device for end-of-life photovoltaic (PV) panels.	IT, BE, ES
WWQM	Field trial of a water quality monitoring system based on 'in-line' physiochemical multi parameter testing aimed at improving Waste Water Treatment Plant (WWTP) operations.	ES, PL, RO
Green-Gas	The proposal aims at first market demonstration and replication of an improved membrane technology for natural gas purification.	NL, DE, IT
GEnIuS	The proposal aims at upgrading the production and commercialisation of an innovative graphene product to be applied as oil adsorbent in case of accidental oil spills in water and enabling the re-use of the oil after usage.	IT
ISWBP	The proposal concerns the introduction of a wood modification technology which uses bio-based products to modify the structural properties of fast growing softwoods and so make them suitable to substitute imported tropical hardwood.	NL, BE, DK, SE

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ECO-BIS	Market replication of a suite of technologies (separator, dewatering filter, pyrolysis) to treat sewage sludge into biochar for soil conditioning.	AT, HU, SI
DRIUS	The project aims at the development and installation of industrial scale production of biodegradable micro-irrigation tubes.	BE, ES, IL
ECOFEED	Full scale demonstration of a positive buoyancy feed system for offshore fish farms.	ES
EcoADD	The project aims at the scale-up of an existing prototype for production of the bio-based Curran as strengtheners and rheology modifier in paint & coatings, concrete and drilling liquids.	UK, DE, IT
TV4NEWOOD	The project aims for the upscaling of a Thermovacuum process to produce a new generation of high added-value and environmentally friendly Thermally Modified Vacuum Wood.	IT, FR, SE
SELF PROP RAIL	The proposal concerns the market introduction of a new self-propelled bulk carriage that reduces energy and resources consumption in railway construction and reconstruction.	HR, SI, RS
COFERT	Full scale demonstration of a solution to capture CO2 and treat digestate from biogas plants with an algae photobioreactor, producing algae biomass which would be further refined to high added value bio fertilizer.	ES, NL
BIOMASS-CURE	Innovative system for separation and phytoremediation of wastewater coming from a biomass-fuelled Anaerobic Digestion (AD) plant.	IT, AT
ValFAD	Integration of microwave plasma reactor to biogas plants to recover high value products (H2 and pure carbon) from food waste after AD treatment.	UK, NO
DIGESMART	Integration of several processes to increase resource recovery from Anaerobic Digestion (AD) effluents making use of emerging technologies.	FR, BE, IT, ES
COLDTAINER	Solution to transport and store chilled products in less than truck load quantities. The steps in the cold chain of perishable goods are reduced.	IT, DE
MLSE Textiles	The proposal aims to introduce the Multiple Laser Surface Enhancement (MLSE) technology in the textile finishing industry.	UK
B-Wool	The solution aims for industrial scale implementation of plasma treatment for wool garments for anti-shrinking properties.	IT
Impact	The proposal aims to produce car components with reduced weight applying foaming technology.	FR, BE, UK

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PioPro2Beer	Design and construction of a resource efficient and sustainable flag-ship brewery plant using different technologies at Oettinger Brauerei GmbH.	DE, UK
SEPARATE	Separation system that improves the physical separation of organic and inorganic fractions of sorted organic waste and Municipal Solid Waste.	NL, BE, UK
STEAM	Innovative technology based on Superheated Steam for drying starch. Industrial level application in sensitive infant formula.	NL, FR
S.B.S. One	This project aims to substitute PVC by a blend of polyolefins as a raw material for biomedical bags.	IT
EcoProFabrics	The project aims at establishing a closed-loop recycling scheme for polyester-based work wear.	NL
RECYCLED FIBER	The project concerns the industrialization of an innovative line focused on recycling of composite fiber waste, currently land filled, into high valuable glass fiber products. The project builds on the results of the LIFE09 ENV/DK/000367 project.	DK
STEP	The proposal concerns the introduction of an eco-efficient treatment of stones and marbles by using a Microwave drying process combined with water based resins.	ES, GR
AEROPAN	The project aims at the industrialization and market application of a prefabricated thin insulation board with improved technical performance and easy to apply, especially suitable for historical buildings.	IT, ES
HEMPSEC	The project aims to introduce into the EU market a prefabricated, pre-dried composite hemp-lime panel wall.	UK, FR, ES
PCB-WEEEcycle	The project aims to commercialise a clean, energy efficient and eco-friendly hydrometallurgy method for recovering metals from Printed Circuit Boards (PCBs) in the WEEE stream.	UK, BG, PL
RubWPC	The project aims to develop and manufacture a new generation of wood plastic composites from used tyre rubber, plastic and wood wastes.	UK, IT, ES
AlgaeBiogas	Full scale demonstration of an algae pond plant to treat digestate and CO2 from biogas facilities while producing algae biomass which can be used as a biogas substrate or as feed.	SI
CLEANLEACH	Leachate treatment system based on slow sand filtration and constructed wetlands applicable for commercial plant nursery or hydroponic cultivation.	ES, UK

Project name	Project description	Countries involved
RainSafe	Solution to harvest and treat rainwater to drinking water standard using a combination of UV and Ozone with a 'refresh' system to allow for water storage.	IE, DE, IT, NL, UK
MNB ECO-FINISHING	The proposal aims to introduce equipments with micro-nano-bubble (MNB) technology for textile finishing processes.	ES, PT
EcoPonics	First European integration of aquaculture and hydroponics production system.	IS, DK, ES
ECO-METHANE	A novel service and tool to measure methane emissions from ruminants and intervene on diet to reduce such emissions.	FR, DE, UK, IL

The country mentioned first is where the coordinator is located.

The disclosure of these shortlisted projects does not constitute a commitment for funding on the part of the EACI.