



A taste of projects shortlisted for funding from CIP Eco-innovation (Call 2011)

Project name	Project description	Countries involved
MESMOPROC	The project aims to enable first application of a technology based on electrochemical and ultrasound agitation as an alternative to photolithography in micro fabrication processes of printed circuit boards.	UK, Czech Republic, France, The Netherlands
Blueveyor	The main objective of the project is the market introduction of a PVC-free conveyor belt for luggage handling at airports.	The Netherlands
ECOPACK	The project aims at industrializing the production of glass vials in a sterile and ready-to-fill version by transferring the glass containers washing and sterilization steps from the pharmaceutical companies to the glass primary package manufacturers.	Italy, France
ROBUST	The project aims at creating an industrial-scale service for upgrading outdated conventional fossil fuel-based busses to hybrid busses with emission and comfort standards comparable to new ones.	Italy
A2M	This project aims to develop a production-scale process to make a bio-based ingredient to substitute toxic products in anti-fouling marine paints.	Denmark, Sweden
EUfir	The main objective of the project is to set-up a European network of collection, transport, and treatment centres to recycle waste plastics arising from the fishing and fish farming industries.	Norway, Estonia, Lithuania
REGENERA	The project aims at mass-production and sell of a new high-performance filter media for the removal of arsenic from drinking water, with the ability to be regenerated.	Italy
Selektope	The project aims at developing the market of a marine biocide in the European Union, Asia and the United States.	Sweden
RECYWASTE OLHIVA	The main objective of the project is to introduce into the market different products (a non toxic pediculicide, a functional juice, olive jam and pate, and a fertilizer) obtained from the extraction of valuable compounds present in olive leaves and waste from olive oil production.	Spain, Sweden



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CleanSmoke	The main objective of the project is to introduce into the market a new smoke regenerator based on the smoke condensed technology, which operates externally to smokehouses and is able to feed smoke to the multi-chamber smokehouses.	Germany
VVINNER	The main objective of the project is to introduce into the market a novel autonomous solar-powered robot mower for vineyard grass control, mounted with sensors to assess vine health and growth and hence to enable targeted action. It is an innovative combination of technologies to enable reduction in agrochemical use in vineyards and lower emissions than conventional methods.	France, Germany, Belgium
ECO PAPER	The project offers an innovative solution to re-use waste hazelnut shells and cocoa bean skins from confectionery production for recycling into board packaging for the confectionery industry. It aims to reduce the use of virgin wood fibres and thus the packaging cost.	Italy, Denmark, Spain
Fiber Composite	The project aims at demonstrating recycled fibre material (pulp) by producing coffins	Sweden
SVAO	The project aims on the production of Omega-3 EFA algae oil health supplement as an alternative to the use of krill derived oil and aiming on the reduction of carbon footprint of oil extraction	The Netherlands, Spain, UK
CANDY	The project concerns the development of 'the next generation of aggregate washing system' for Construction, Demolition & Excavation (CDE) waste. The proposed system would be mobile and road transportable.	UK, Ireland, Germany
SSLC	SL-Deck is a precast concrete product based on an internationally patented new technology combining heavy and lightweight concrete with reinforcement to allow for relatively better structural engineering products.	Denmark
LATEXFRI	The project aims to produce new latex-free material for the automotive sector through a dry powder coating technology.	France
ECO-PROWINE	The project aims to provide wine producers with an integrated tool for conducting LCC-LCA analysis and consequently stimulate eco-innovation in production processes.	Spain, Portugal, Italy, Greece, Bulgaria, Austria
F2W2F	The project aims to demonstrate a closed cycle organic waste treatment system using municipal organic waste to provide energy, water, fertilizer	Norway, The Netherlands, Poland



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	and carbon dioxide for greenhouse agriculture.	
SAMDOKAN	The project envisages up-scaling of innovative, chrome free, electroplating technology for plastic surfaces based on self assembly nanotechnology. <i>Process developed in scope of an FP6 project, enabling treatment of more plastic substrate types at lower cost.</i>	Spain, Turkey
Ecolights	The project aims to increase the market share of LED lighting systems in the business to business market.	Spain, Sweden, UK
Carbonblack GreenTyre	The project concerns the pyrolytic treatment of waste tyres to produce high-grade carbon black.	The Netherlands, Luxembourg
e-GreenWater	The main objective of the project is the demonstration and replication of an electrolytic disinfection technology for enabling the reuse of process waters within greenhouses.	Germany, The Netherlands, Belgium
DIGIFIN	The project aims to demonstrate a patented high-speed digital finishing technology to replace a major fraction of existing dyeing, printing, coating and finishing operation in the textile industry.	Netherlands, Italy
WAValue	The main objective of the project is the demonstration of a spouted bed unit combined with hydrolysis for converting AD digestate into dried fertilizer.	Spain, The Netherlands
ECO-SANDWICH	The ECO-SANDWICH is a wall panel system that incorporates CDW material and Ecoso® mineral wool. The main objective of the project is the development of the production line in Croatia in order to increase production and quality.	Croatia
RECALL	The project is focused on scaling up a novel technology for recycling of absorbent hygiene product waste.	Italy, Belgium
SPRAY	The project aims at upscaling and series production of a washing machine with a new "spray" technology that reduces wash water, energy and detergents use.	Italy, Germany
TAIMEE	The main objectives of the project are the production and market implementation of a new leather composite material which has thermal and acoustical insulation properties for immediate application in the building sector. The insulation material and panels are made of waste generated in industries at the end of the tanning process.	Spain, France
FILMSORT	The project aims to design, install and validate an automatic sorting machine for recycling waste packaging and biodegradable films.	Spain, Germany



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NIMA	The project aims to develop mobile machineries for the production of recycled gypsum-paper insulation panels.	Denmark, The Netherlands, Sweden, Norway
2GFlexWrap	The project aims at a novel combination of potato starch and waste PLA to produce a food grade polymer film that takes less energy to produce than conventional PP film, and is bio-degradable.	The Netherlands, Italy
IWEC	The main objective of the project is the full-scale demonstration of the treatment of backwash filter water in a large water treatment plant by ceramic membrane filtration.	The Netherlands, Poland
BIOLIX	The project aims to introduce a set of technological improvements to significantly increase the quality retrieval of precious and rare earth metals from shredded residues.	Belgium
Haynest	The project aims to develop and produce an innovative, cost competitive, grass-based alternative to expanded polystyrene (EPS) for the packaging industry.	The Netherlands
OptimEDAR	The main objective of the project is to demonstrate a monitoring and control management tool to improve the performance of aeration systems in biological wastewater treatment plants by predicting oxygen requirements.	Spain, Romania
MINITURB	The project aims to introduce an innovative mini hydro turbine that recovers energy from the over-pressure of the irrigation system whenever a water flow is running.	Spain, Turkey
ApplyADOXPOL	The project aims at a market replication of an industrial wastewater treatment technology based on filtration, ozonation and flotation – <i>developed and tested under FP6 project</i> . The project aims at standardizing core component production.	Norway, UK, Poland, Czech Republic
GREENBLAST	The project consists of a two stage recycling of waste glass, the first as an input for blasting in shipyard industry metal surface preparation and the second using the resulting waste as a raw material for the heavy clay industry.	UK, Croatia, Spain, Romania
THINFISH	The project concerns a new packaging for non-cooked seafood based on a combination of poly-propylene and thermoplastic starch, using a less energy intensive process. It aims to reduce the use of oil-based polymers and to improve recyclability for packaging. <i>Successful recently concluded FP7 project</i>	Spain, Bulgaria



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ECREBO	The project aims at developing and promoting an electronic billing solution to substitute paper receipts used in retail stores.	UK
TWINCLETOES	The main objective of the project is the recovery of steel fibres from end-of-life tyres and its subsequent use as a reinforcing agent in concrete.	UK, Italy, France
CELLULAC	The project envisages commercialization of the production of lactic acid from non-food cellulosic feedstock based on innovative approach and technology.	Ireland, Germany, Austria
ERUTAN	The objective of the project is to make the first industrial application of an environmentally friendly way of producing wool carpets involving two steps, enzymatic wool scouring and a novel enzymatic process for bonding between the yarns and supporting material of the carpet, with reduction of specific weight, avoidance of raw materials and avoidance of waste.	The Netherlands, Austria, Spain
EMOCell-healthy-wall	The project aims at building a factory in Austria for serial production of internal wall panels made of natural raw materials, such as cellulose and clay, and at introducing the boards on the European market.	Austria
Value4Wool	The main objective of the project is the conversion of waste wool to fertiliser	Germany, Austria, Hungary, Spain, UK

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.