GREEN NET FINLAND

PROJECT REFERENCES

GREEN NET FINLAND
PAKKALANKUJA 5
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FINLAND

PROJECT LIST

PROJECTS

INNOENVI (2002-2004)

In InnoEnvi-project the aim was to create thematic groups ("clusters") and sub-groups ("mini-clusters") of environmental operatives in order to assist them in finding new business opportunities and increasing their potential for export. The project aimed at ensuring the development of know-how relating to the environment and to creating genuine cooperation between companies operating in the same niche, as well as between technological centres, universities, etc.

The five subgroups (clean energy, management of clean and used water, ecological evaluation of mining operations, solid waste management and environmental control) were a central element in the project. They offered small and medium businesses the chance to make use of the resources and experiences of larger companies, centres of expertise and national and international NGOs.

Activities initiated in close concentration with companies include strategic planning, marketing, production of publicity material, participation in fairs and "road shows", establishment of techniques for research and development, etc.

Green Net Finland was the coordinator of the project. InnoEnvi is EU's Best practice project.

The result of InnoEnvi has been a significant snowball effect on the development of environmental businesses throughout the country and even on an international level. This was the first time that a number of Finnish regions united in carry out work in clusters for the systematic development of a specific commercial sector. A network of private and public companies was established throughout seven regions in the south of Finland. While, at the outset, the list stretched to 700 companies, there are today ten times that number, coming from seven countries. Four online services have been developed to facilitate exchanges between the sub-group members and 33 publications have appeared. InnoEnvi has now set up over 50 second- and third-generation projects.

FENEX (2005-2007)

FENEX aimed at increasing the risk management ability of Finnish companies for increasing the export activities in the Baltic area and in Russia and Ukraine. In the project a so called FinRESCO4 business model was developed. In the business model the concept of energy audit and the recognized activities in improving energy efficiency was provided to the customer as a tailor made solution.

The result of the FENEX project was FinRESCO4 business model and seven concrete offers, two new projects and several market area reports.

NORDIC ENVIRONMENTAL TECHNOLOGY SOLUTIONS (NETS) (2005–2007)

The project Nordic Environmental Technology Solutions (NETS) was a Nordic collaboration with partners from Sweden, Finland, Norway and Denmark that was established to prepare for increased collaboration between companies in the four countries.

The project supported commercialization of Nordic environmental technology businesses in five key sectors, in order to form new value chains, build capacity and cooperate in marketing.

Green Net Finland was the coordinator of the NETS-project.

The result of the NETS project was a cooperation model for Nordic cleantech commercializing in global markets by establishing a Nordic value networks and by marketing and networking activities.

FENNOPOL (2008-2009)

In 2009, Green Net completed a background study and action plan for cooperation opportunities between the metropolitan areas of Finland and Poland. This was used as the basis of a cooperation agreement between the Uusimaa (Helsinki) region in Finland and the Mazovia region (Warsaw) in Poland.

The Fennopol project focused on the clean energy and energy efficiency sectors, as this is where Finland has good knowhow and Poland has challenging targets to meet.

The result of FENNOPOL was a cooperation plan between Uusimaa and Mazovia region in the area of clean energy and energy efficiency sectors.

USER DRIVEN ENERGY SERVICES IN RESIDENTAL AREAS (2009)

The project aimed at creating a generic business model created for user-driven local energy services. The basis was to analyse the requirement for services in the areas that are located in between of district heating network solutions and distinct, house-specific solutions.

The result of User Driven Energy Services in Residential Areas was a creating of the business model for user-driven energy services. The final report included the description of the business model, as well as the value network, actors and added value for the customers.

SAVE ENERGY (2009-2011)

The SAVE ENERGY Project aims to transform the energy consumption behavior of public building users – focusing on public servants and citizens – by applying existing ICT-based solutions and intelligent energy management technology in an innovative user-driven perspective. The project is partly funded by the EU as part of the ICT PSP programme, which comes under the European Competitiveness and Innovation framework programme (CIP).

The project objective of SAVE ENERGY is to change end-user energy consumption through the use of existing ICT energy saving technology such as the provision of real-time energy use information, as well as using social media and serious games to change consumer behavior. Large-scale public building pilots in Helsinki, Leiden, Lisbon, Luleå and Manchester form an important part of the project and will be implemented following the "Living Lab" methodology.

NORDIC CLEANTECH ALLIANCE (NCA) (2009-2011)

In the Nordic Cleantech Alliance project a network, "Nordic Cleantech alliance (NCA)" is established. NCA provides access to Nordic businesses offering cleantech solutions to the international market. The alliance works proactively in selected export markets on behalf of the member businesses.

The objective of NCA project is to create the Nordic Cleatech Alliance, develop the brand, and to create pilot cases in Poland and USA.

BUSINESS FROM THE INNOVATION PIPELINE (2008-2011)

"Business from the innovation pipeline – commercialization of cleantech innovations" offers customized support to companies and inventors in the environmental monitoring, material and energy efficiency sectors. This support is tailored to meet each participant's requirements and can include help with the idea development, bringing innovations to market, finding partners and funding and internationalization.

The objective of the Innovation pipeline project is to develop a new, customized and tested cooperation and operational model for the commercialization of expertise in both the public and private sector. The project will develop the operational model for a Cleantech-sector innovation system, which will include phases of innovation recognition and evaluation, product development, testing in Living-Lab conditions and other test environments and global commercialization. Bottle-necks in the innovation commercialization process will be identified and examined and information about the process will be communicated to different stakeholders. The more new ideas from the public sector, researchers and companies reach experts for evaluation, the greater the opportunity to develop those ideas into viable innovations and products..

ENVITORI – MARKET PLACE FOR ENVIRONMENTAL DATA (2009-2010)

The EnviTori project promotes a wider use of environmental data and information. EnviTori takes the first steps towards an environmental information market place, which enables consumers, private and public institutes to share environmental data and information more easily. Information sharing improves overall environmental awareness in society and enables improvements in the environmental efficiency of different activities at all levels.

EnviTori develops a pilot market place that is utilized by two service prototypes. One of the services takes air quality and pollen observations and forecasts as an input, and produces tailored alerts to sensitive people about changes in the air quality conditions. The alerts are tailored based on user health profiles. The other service prototype focuses on energy consumption and localized servies and studies how businesses could integrate critical factor information and environmental data, and how this data can be used in delivering more environmental friendly products and services.

CLEEN – MEASUREMENT, MONITORING AND ENVIRONMENTAL ASSESMENT (MMEA) (2010-2014)

The Measurement, Monitoring and Environmental Assessment (MMEA) - programme will create new tools, standards and methods for environmental measurement, monitoring and decision support. The programme promotes new applications and services based on environmental data to improve the energy and material efficiency of infrastructures and industrial processes. The programme combines development of new measurement technologies, data quality assurance methods, modeling and forecasting tools and information and communication technology (ICT) infrastructure needed to create the integrated environmental observation networks and environmental decision support systems of the future.

An important part of the programme is the MMEA Testbed, which will integrate data from several environmental measurement networks in a portal to be analyzed, modeled and used as raw material for the new environmental services.

FINNISH ENVIRONMENTAL CLUSTER FOR CHINA, FECC-2 (2008-2010)

FECC – Finnish Environmental Cluster for China, provides assistance to both conglomerates and individual companies. FECC offers help starting from searching out projects and co-operation partners right up to the end of the marketing process. FECC also helps companies to establish themselves in China. In FECC, Green Net Finland is responsible for activating the companies and creating the business concepts in the areas of environmental monitoring and energy efficiency.

FECC's primary mission is to promote the business of Finnish environmental and energy companies and the visibility of Finnish know-how in China. FECC's specialty area and strongest area of expertise are environmental matters and its activities are based on thorough knowledge of the sector and networking.

ELECTRIC VEHICLE INTEGRATION INTO THE RING RAIL LINE FEEDER SYSTEM (SYÖKSY) (2010-2011)

SYÖKSY (a Finnish acronym for electric vehicle integration into the Ring Rail Line feeder system) aims at developing and studying novel traffic solutions based on electric vehicles are in Helsinki-Vantaa airport area and new residential areas built next to the new Ring Rail Line, which will link the areas by rail to Helsinki city centre and several suburbs.

The results from the SYÖKSY project will be used as pilot projects to generate new business, improve expertise in electric vehicle concepts and better understand future traffic needs. This in turn will influence zoning and other planning activities. The infrastructure for electric-cars, such as recharging points for vehicles will also be developed.

The aim of the SYÖKSY project is to create new forms of business and new user-driven transportation options based on electric vehicles. The scope is to reduce private motoring in the area. The new concept supports the traditional public transportation services in rail line feeder traffic services and other station area traffic. Small scale piloting is done during the project, but the aim is to use the results as the base for larger scale piloting.

PROMOTING SOUTHERN FINNISH ENVIRONMENTAL BUSINESS IN ST. PETERSBURG AND NORTH-WEST RUSSIA (ESYLEP) (2010-2013)

The ESYLEP project aims at networking southern Finnish SMEs, R&D and other innovation actors with actors in St. Petersburg. New business and R&D cooperation possibilities will be made available for southern Finnish SMEs who have an interest in establishing themselves in North-West of Russia. The purpose is also to increase Russia's interest towards Finnish cleantech and to open possibilities for Russian investors to invest in Southern Finland. The industrial and innovation policy services of the Helsinki-Center in St. Petersburg will be developed and strengthened.

The project will develop a model to improve commercialization of cleantech innovations and technology cooperation between Finland and Russia. The model will be tested through actual case studies.

THE CENTRE OF EXPERTICE (OSKE) PROGRAMME (2007-2013)

In years 2007-2013, Green Net Finland is coordinating the work of the national Cleantech Cluster Programme in the Uusimaa Region as a national centre of expertise. The major thematical focus areas are environmental monitoring and clean energy, with a special focus on energy efficiency in urban environment. We believe in the growth of the Finnish cleantech business by combining the expertise in these sectors with the strong ICT cluster.

Green Net Finland's core activity is the development of Finnish environment sector expertise through the creation of environmental business networking partnerships. As part of Finland's Cleantech Cluster, we focus on combining environmental and ICT know-how to produce new innovations and develop growing and increasingly internationalized business.

We prepare and implement projects combining public and private funding together with our member organizations and other environment sector actors. Green Net Finland also supports the Finnish environmental sector as a member of strategic development forums such as CLEEN and TIVIT-SHOK, as well as serving on environmental innovation panels.

VERKA - FROM NETWORKS TO ALLIANCE (2010-2013)

VERKA is a joint project with University of Oulu and Green Net Finland which structures research and corporate partnerships in the environment and energy sectors. The objective is to form a nationwide alliance for cooperation between companies, research institutes and relevant universities.

Project will improve national innovation environment by strengthening regional specialisation in managing national responsibilities especially on climate change and energy sectors. VERKA will concentrate particularly on the cooperation practices in measurement technology which is a relevant development area in the field of climate change and energy research. The project will develop national platform for companies and research institutes to interactively utilize products and knowledge in measurement technology.

The alliance established in the project will improve national and international influence of the actors in the environment sector.