

REGIONS OF KNOWLEDGE

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Riferimento: **REG-EU-CA-1**

Data Scadenza: **15/04/2007**

Programma: **Regioni della Conoscenza**

Titolo: Reversal from food industry and municipal waste into zero waste processes and high-added value products - research driven cluster with interregional cooperation

Tipo Progetto: Azioni di Coordinamento - CA>

Descrizione: In this project, a multi-sectoral and interregional research-driven network will be formed for a basis of a strong business activity platform. The network combines needs and know-how of authorities, research, financial players and enterprises in a common interregional innovation activities and creation of joint strategy with action plan. The project will focus 1) on the strengths of rural decentralized production and specific approach for pre-cycling and at the same time

2) on innovative utilization and promotion of recycled materials to high-added value products in demand by urban consumers, The objective is to find interface innovations based on the new skills combinations (clustering of food-environment-metal-electronics) and through this to create competitive and sustainable business activity.

The interregional work of collaborating clusters and specific teams will tentatively be divided in five thematic work packages:

1. Collective learning platform (SWOT analysis of the field, new knowledge and methods for collective learning, embedding of the learning platform and interregional networking). Objective: Development of human knowledge capital

2. Business platform (market studies, evaluation of potential eco-innovations, contests for product and process innovations, supporting services for the eco-design and interregional networking, embedding of the business platform and interregional networking, creating of balanced competition/cooperation for stimulating entrepreneurship, customer driven models in the interregional network). Objective: Development of social capital for the eco-entrepreneurship both regional and interregional

3. Local/regional foresight platform (links to regional strategies, regional foresight and financial framework, monitoring for sustainability of new created business and local sustainable development).

Objective:

Maintenance and sustainable utilization of regional natural and physical capital (adaptive mosaic)

4. Interregional rule of games (benchmarking of the results of work-packages 1-3 in an interregional context, agile manufacturing, models of interregional collaborative business, assessments of sustainability in interregional scale, proposals for European BAT:s and standards).

Objective: Mutual exchange of experience and development of joint action plans for widening business

5. Project management and dissemination (including links to the European innovation policy and end of project life planning).

Objective:

Effectively managed project, active dialogue between different parties And players and positive feedback from authorities and market.

Short description of our project region in Finland

The Häme region, in a central location in Finland, has during the past year experienced a growth that has been one of the most dominating in Finnish economy. It is primarily the industry sector and the service sector that have increased strongly. One of the main strengths is the complementary many-sided scientific expertise of food chain and rural development, represented by MTT Agrifood Research Finland. The HAMK University of Applied Research has large experience in co-operative research with regional companies. Besides the food industry, a very high interest to cooperation has shown the companies of modern environmental technology, especially those hosting facility of food and municipal waste and sludge treatment. The environmental cluster has such kind of ability and already lively interaction with food, metal and electronic clusters.

Riferimento: **REG-EU-SMCP-1**

Data Scadenza: **10/04/2007**

Programma: Regioni della Conoscenza 7PQ

Titolo: New perspectives for local players in rural landscapes by enhancing>

Tipo Progetto: Small-medium collaborative project

Descrizione: The new Swiss agricultural policy (Agrarpolitik (AP) 2011, 2005) imposes on agriculture a higher competitiveness and a stepwise approach to European conditions.

According to AP 2011 and WTO negotiations, Switzerland is obliged to cut back tariffs, reduce product-bound internal measures of support and on a medium and long-term, phase out any form of export aid. These measures are going to decrease the income of Swiss farmers, as Swiss agriculture is characterised by small-scale structures working with small herds in a high-cost context.

The rural conditions in UNESCO Biosphere Entlebuch offer possibilities to analyse and improve various strategies of sustainable energy production as an additive component in farmer's income. Active climate protection on landscape level is implemented with the bogprotection activities. On the other hand a forestry producing energy wood and other sustainable energy production activities (e.g. windmills, biomass) reduce emissions. Because of the diversification of all these activities on several players the climate-protection performance is currently not as strong as it can be. The running bottom-up-processes in UNESCO Biosphere Entlebuch are able to maintain powerful alliances between landscape and biotope protection, timber chains, traditional rural activities, and sustainable energy production. The optimisation processes in the different sectors can lead to a general example of harmonized regional climate protection strategy in a rural landscape supported by a participative policy on local, regional and national level. A great advantage will be to analyse this component in its impact on farmer's income under changing frame conditions depending to the EU-harmonisation processes of Swiss agricultural policy.