

RegioStars Awards 2011



REGIOSTARS 2012

RegioStars – The Awards for Regional Innovative Projects

The RegioStars 2012 Awards for project supported by EU regional policy were launched in March 2011 with the announcement of the RegioStars 2011 finalists.

The deadline for receipt of applications is 15 July 2011.

The application form and guide to the 2012 awards will soon be made available on the website:

http://ec.europa.eu/regional_policy/cooperation/interregional/ecochange/regiostars_en.cfm

Award categories

There are five RegioStars Award categories for 2012:

- 1. SMART GROWTH: Innovative projects or schemes supporting service innovation in its different forms.
- 2. SUSTAINABLE GROWTH: Investments in ecosystem services and green infrastructure leading to sustainable regional development.
- 3. INCLUSIVE GROWTH: Strategies, initiatives or projects addressing the challenge of demographic change and supporting active ageing¹.
- 4. CITYSTAR CATEGORY: Integrated strategies for the development of deprived urban areas.
- 5. INFORMATION AND COMMUNICATION CATEGORY: Informing the public on the internet about projects benefiting from EU regional policy.

Award criteria

- a) Innovative character of the project.
- b) Impact (or expected impact) of the project in terms of initial objectives.
- c) Expected sustainability of the project.
- d) Project's results in enhancing local, regional and interregional partnerships.

Award criteria for the INFORMATION AND COMMUNICATION CATEGORY:

- e) Effective use of a combination of different internet tools (photos, videos, GIS maps, etc...) to spread information about the projects that have benefited from EU funding.
- f) User-friendliness of the list of beneficiaries (including data format, search function, frequency of updates, level of project details, etc.).

¹ 2012 is the "European Year of Active Ageing and Intergenerational Solidarity"

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FOREWORD



I am delighted to introduce you to the finalists for the 2011 RegioStars awards that have been chosen for us by an independent, multidisciplinary Jury.

The thematic categories for the 2011 RegioStars were chosen with a clear focus on identifying and recognising projects linked to key political priorities for cohesion policy in the light of the Europe 2020 strategy. The 21 thematic finalists are short listed for four awards under the two headings of "economic competitiveness" at regional level and "low carbon"

economy" in an urban context (CityStars). These projects present innovative and significant urban, regional or national initiatives that are contributing to important European priorities. I am particularly struck by the examples of synergies between different EU funding programmes and by the examples clearly showing how regional policy is supporting innovation and sustainable development in different territorial contexts. There are examples from our cities, our maritime regions, our peripheral areas but also across regional and national borders.

The shortlist of candidates in the "Communication" category contains 10 finalists. Behind each photo are 10 interesting projects in their own right. I am particularly intrigued to see how the result of the first ever online public vote will compare with the views of the Jury on this category!

This year the Jury of experts comes from a wide variety of backgrounds (practitioners, policy-makers, policy analysts) and from different levels of government (local, regional and national governments and international experts). I am grateful to them, and in particular to the Jury President Ms Ann Mettler from the Lisbon Council, for bringing their insights and independent views to the Jury table and for bringing us this shortlist of 31 projects from the 66 projects proposed by 18 Member States. This is their distillation of the good work of local, regional and national policy activists and project promoters.

To the people behind the projects I can only say thank you as it is you and your organisations that give life to the Europe 2020 strategy and it is your efforts, supported by the EU's regional policy, which are delivering the results that our citizens expect and deserve.

Congratulations to the finalists!

Johannes Hahn

Commissioner for Regional Policy

FOREWORD



The 2011 RegioStars competition took place at a unique moment in time. In the midst of an economic and debt crisis of unprecedented proportions – and against the backdrop of a brand new development strategy dubbed the Europe 2020 Agenda – it was an interesting exercise to evaluate projects based on their contribution to economic competitiveness and a low carbon economy.

The pillars of the Europe 2020 blueprint – smart, sustainable and inclusive growth – guided our

discussions and deliberations. There was at all times an acute awareness that the projects needed to be evaluated not in isolation, but in view of a larger transformation towards a knowledge-based, green economy. In recognition of the fact that governments across the EU are grappling with fiscal consolidation, the jury focused on regional projects that demonstrated impact and excellence. In addition, the jurors supported the drive towards 'smart specialisation', encouraging regions to build on their strengths and capitalise on the unique comparative advantage that they might possess vis-àvis their peers.

We believe that the projects chosen as finalists in their respective category are innovative, inspiring, and exemplary. They have the potential to serve as role models and good practices for other regions. And they demonstrate that EU funds have been put to good use – a fact that is of paramount importance in view of the intense negotiations over the next financial perspective 2013-20. More than ever before, cohesion policy must prove that it provides future-oriented, value-added investments and not charity-labelled, open-ended subsidies, which have the potential to distort the single market, undermine innovation and hamper fair competition.

Going forward, regions and regional projects of the kind that are recognised in the RegioStars awards, should become part and parcel of the Europe 2020 strategy. Success in virtually all of its flagship programmes – be it the Digital Agenda, the Resource Efficiency, New Skills and Jobs or Innovation Union Flagships – are highly dependent on rapid progress and structural change at the regional level. As I know from many years of experience, the real home of a European reform agenda is usually not in national capitals but in regions and cities.

I applaud and congratulate the winners of the 2011 RegioStars. And I want to extend a sincere thanks to the members of the Jury. It was a pleasure and an honour to preside over such a knowledgeable, distinguished and committed group of individuals. As we like to say at the Lisbon Council: the best is yet to come. In this spirit, I hope that you, dear reader, will enjoy learning more about projects that set a standard of excellence in Europe and beyond.

Ann Mettler

Executive Director of the Lisbon Council

REGIOSTARS JURY 2011

President of the Jury



Ann METTLER (DE) is Executive Director and co-founder of the Lisbon Council, a Brussels-based, independent, non-partisan think tank and policy network.



Prof. Christian KETELS (SE) is a Senior Fellow at the Centre for Strategy and Competitiveness at the Stockholm School of Economics.



Ms Monica OREVICEANU (RO) is Superior Evaluation-examination Councillor, DG Territorial Development, Ministry of Regional Development and Tourism.



Ms Zdenka SIMONOVI (SI), is Head of the Development Projects Unit in the City of Ljubljana's administration and Coordinator of CIVITAS ELAN project.



Dr Marcello ANTINUCCI (IT), physicist, after 4-years of academic research, spent more than 30 years in industrial research. He is now advising municipalities on renewable energies, energy efficiency and building energy applications.



Ms Claire NAUWELAERS (BE) is a Policy Analyst, working on regional innovation policy within the Regional Development Policy division at the OECD.



Mr Werner PAMMINGER (AT) is Managing Director of Clusterland Upper Austria Ltd and an experienced executive and senior consultant working in cluster management.



Mr Neil WARNER (IE) holds the Associateship of the Irish Professional Photographers Association, the Fellowship of the British Institute of Professional Photography and the Fellowship of the British Master Photographers Association.

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I. ECONOMIC COMPETITIVENESS THEMES

NETWORKING AND CLUSTER INITIATIVES SUPPORTING REGIONAL GROWTH AND SMES' ACCESS TO GLOBAL MARKETS

AT

Green Building Cluster of Lower Austria

The Green Building Cluster of Lower Austria connects construction and building professionals with researchers to address challenges such as climate change and enable innovation through cooperation. The Green Building Cluster is one of 6 strategic cluster initiatives being implemented in Lower Austria in the period 2007-13.

The initiative provides pre-competitive support for mainly small and medium-sized companies in order to strengthen their innovation capacity and foster expertise in the area of sustainable building

"Many cluster organisations would be well advised to follow the example set by the Green Building Cluster and the approach adopted by Lower Austria" – RegioStars Jury 2011 and living. It acts as a neutral platform, enabling trust building between cluster members, mediating between businesses and public administration to help

shape business and innovation friendly framework conditions, while building a bridge between SMEs and R&D institutions. It currently involves about 200 members, of which more than 80% are SMEs. Other members include larger companies, research and education institutions and associations.

The added value of this initiative is the development of existing economic fields of strength - building on the Timber Cluster (started in 2001) and the Green Building Cluster (started in 2003) - in a comprehensive and strategic way to help companies transform to innovate. In this sense it is more than initiating a couple of collaborative projects, but rather initiating several interventions at different phases of the innovation process aiming at removing bottlenecks to business innovation. For example, the cluster initiative, as a neutral platform for the triple-helix stakeholders, helps to develop better framework conditions, mobilizes companies to improve their skills and innovate, facilitates know-how transfer from universities to businesses and contributes to the sustainable development of regional specialisation.



Region: Lower Austria

Programme or Body: Regional competitiveness and Employment 2007-13

Duration of project: 01/2007 – 12/2013

Funding: €3 431 370 of which €937 370 is European Funding – ERDF

Website: www.ecoplus.at



Since 2001 the Green Building Cluster has triggered 249 projects with (cumulated) 486 company participations. One of the initiatives developed was the "Future Building" Competence Centre including the Department for Building and Environment at Danube University Krems and other partners from the construction, building materials and components industries. Other examples are Zero Energy Retail Outlets using passive house technologies and integrated photovoltaic systems for Prefab Houses.

In cooperation with regional sector associations, the cluster has also developed a joint training program to provide skills in the area of energy efficient buildings. More than 200 master builders, carpenters, architects, planners, site managers, heating and plumbing professionals and energy and building consultants have so far benefitted from these training programmes and are now fully qualified to carry out energy-efficient old building refurbishment.

The Lower Austrian Cluster Programme, to which this cluster belongs, is an integral part of the Regional Innovation Strategy, co-financed by the EU. The Regional Economic Policy Objectives have been translated into clear and measurable objectives for each cluster initiative (as well as for all other innovation support actions within the region). The main indicators are the number of new strategic R&D projects involving SMEs, big companies and research institutions, the number of product and system solutions developed in collaborative projects of companies and the rate of cluster members' participation in collaborative projects.

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NETWORKING AND CLUSTER INITIATIVES SUPPORTING REGIONAL GROWTH AND SMES' ACCESS TO GLOBAL MARKETS

EΕ

Competence Centre for Cancer Research (CCCR)

The Competence Centre for Cancer Research (CCCR), established in 2005, is a network of public and private partners developing innovative solutions in order to save lives and to reduce human suffering by offering the pharmaceutical industry novel anti-cancer drug candidates and developing non-invasive diagnostic platforms for early diagnoses and prognoses of cancer.

The ambition of the CCCR is to establish a strong long-term private-public partnership in top-level cancer research, based on the common vision of SME entrepreneurs and scientists. It includes improving economic value added and, in particular, supporting

"A strong competence centre, gathering all major national players in a joint R&D effort with a high private co-funding indicating strong sustainability"

RegioStars Jury 2011

the access of Estonian biotechnology SMEs to hospitals and global markets.

The main innovation stems from the interdisciplinary partnerships involving chem-

ists, molecular biologists, cell biologists, biochemists, immunologists, clinical doctors, radiologists, plant physiologists, economists, biotechnology business developers, clinical trials specialists, health care

specialists, etc. It enables CCCR to find innovative solutions to problems related to the early diagnosis and effective treatment of cancer.

The impact on the regional economy is evident in terms of expertise, new jobs, attractiveness for scientists and new services developed. These outcomes are largely due to a change of paradigm by fostering trust, support and sharing in a highly competitive area such as biomedicine. The CCCR consortium, involving all major players in cancer research in Estonia, has achieved significant results, notably it has out-licensed and/or transferred intellectual property developed under the CCCR framework to global companies; (i.e. oncogenetic tests used in top-level Estonian hospitals). New jobs have been provided for top-level scientific staff - CCCR staff increased from 30 in 2005 to



Region: Estonia

Programme or Body: Ministry of Finance of the Republic of Estonia

Duration of project: 04/2005 – 03/2008

Funding: €2 199 240 of which €1 163 500 is European Funding – ERDF

Website: www.vtak.ee

Competence Centre for Cancer Research (CCCR)

71 in 2010; five top-level researchers repatriated from other countries. New expertise has been developed that was missing in Estonia; new start-ups in biotechnology and in certain high-tech services needed for the CCCR projects with more graduate students specialised in applied cancer research.

The entrepreneurs and scientists of the CCCR team have visited a similar competence centre in Sweden (Vinnova Programme). On the other hand the CCCR approach is an interesting example of interregional partnerships and the transfer of know-how. A Latvian team has visited the CCCR to start a similar project.

CCCR now has a funding agreement until 2015 and its activities are on a sustainable path. It has been successful in several projects supported by other EU funding sources. Moreover, the financial resources secured by the commercialisation of the results are re-invested by the partners in new R&D projects. In addition, CCCR has been successful in international scientific evaluations.



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PT

European Institute of Excellence in Tissue Engineering and Regenerative Medicine, Guimarães

The main objective of the European Institute of Excellence on Tissue Engineering and Regenerative Medicine is to create and integrate the knowledge that will lead to the breakthroughs that are required in the field of tissue engineering and regeneration, in order to generate technologies and therapies that can be used to treat patients and improve their quality of life. This project was built on the network of excellence EXPERTISSUES funded by the Research Framework Programme 6.

The problem of organ failure or tissue replacement will tend to become more acute in the coming years because Europe's population is ageing. Existing therapies, such as organ transplantation or prosthesis

"Emerging from an EU research programme, the institute has secured regional policy funding to develop as a European centre of expertise.

Its multidisciplinary character, along with its location in a peripheral region makes it an attractive demonstration case."

RegioStars Jury 2011

implantation have resulted in clear improvements in the field of substitution and regeneration medicine. However, these solutions are not always effective. Moreover, there are still no materials available that can adequately replace

several functional tissues, such as bones or large bone segments. Therefore, despite the enormous benefits

the contemporary technology has brought, the outer limits have been reached and new breakthroughs can only be expected from a novel hybrid technology that will reduce the shortcomings of the current material technology. Such a combined, biology driven approach is referred to as "tissue engineering", by which biological tissues are engineered through combining material technology and biotechnology. In this context, it was urgent to establish competitive research and develop networks in this area, because of the existing risk of Europe being not competitive with other major world powers such as the USA.

The partners of the European Institute of Excellence on TERM (22 partners from 13 countries, including nine from the EU), created a legal entity that is a European Economic Interest Group (EEIG) and designed a set of ways of integrating and merging the diverse skills and



Region: North Region of Portugal

Programme or Body: Regional Operational Programme North of Portugal

Duration of project: 2004 – 09

Funding: €4 564 400 of which €3 195 100 is European Funding – ERDF

Website: www.expertissues.eu

European Institute of Excellence in Tissue Engineering and Regenerative Medicine, Guimarães

are fully committed to: a) joint planning of research activities avoiding fragmentation and overlapping; b) ensuring mobility of personnel: exchange of research staff and students of different labs for sharing knowhow and training. Only an approach such as the creation of the European Institute on TERM could make it possible to compete with the USA in this area.

The management of the project is ensured by the 3B's Research Group of the University of Minho (3B's-UM). The 3B's-UM is based in the headquarters of the European Institute of Excellence in Tissue Engineering and Regenerative Medicine, located in the Avepark,

Minho-Northern Region of Portugal. The mission of 3B's-UM and its spin-off "Stemmatters" comprises the development of new biomaterials and cellular therapies for use in a range of biomedical and environmental applications. The main area of research of this rather unique research group, one of the most productive and cited in Portugal, is at the interface between materials engineering, life sciences and biotechnology. The group has a strong strategy for internationalisation, having around 125 researchers from around 20 different countries.



I. ECONOMIC COMPETITIVENESS THEMES

NETWORKING AND CLUSTER INITIATIVES SUPPORTING REGIONAL GROWTH AND SMES' ACCESS TO GLOBAL MARKETS

SE

Establish commercial spaceflight - Spaceport Sweden

Spaceport Sweden is an initiative establishing a new industry - commercial human spaceflight - in Kiruna, Norrbotten County, Sweden. The early phases of this new industry have seen new business models being created for international cooperation, new research and education, new public procurement practices, new joint partnerships between the public and private sectors, new authorities and new legislation.

Commercial spaceflight is a new emerging industry. Governments and companies worldwide are currently mobilising to capitalise on the opportunities that the "second space age" will bring, driven mainly

"This initiative is a good example of smart specialisation with a global business in sight, involving a strong local partnership, private sector commitment and a memorandum of understanding with US counterparts"

RegioStars Jury 2011

by private space companies and investors developing technology and access to infrastructure in space. With the growth and development of commercial spaceflight, new opportunities

for innovation within science and technology will be created. It will further shape new platforms for business development and innovation across other industries creating unforeseen opportunities. This may in turn contribute to economic growth, job creation and inspire young people to pursue careers in this field, attracting people to the region and enabling both regions and companies to grow and build for the future.

Established over 50 years ago, SpaceCity Kiruna hosts international space research and commercial services such as rocket and balloon launches, monitoring and control of satellites, testing of new space and flight systems and an array of different ground facilities for measurements in space. Realising the potential to further develop commercial spaceflight, the work with Spaceport Sweden was initiated and inaugurated in January 2007 by Ms Maud Olofsson, the Swedish Minister for Enterprise and Energy, at Kiruna Airport.



Region: Kiruna, Norrbotten County

Programme or Body: Upper North Sweden Regional Structural Development Programme

Duration of project: 09/2009 – 12/2011

Funding: €1 111 250 of which €464 290 is European Funding – ERDF

Website: www.spaceportsweden.com

Establish commercial spaceflight - Spaceport Sweden

The project "Establish commercial spaceflight – Spaceport Sweden" aims to capitalise on this development and establish this new industry with commercial spaceflight infrastructure in Kiruna. A goal within the project is to further develop the infrastructure necessary to transform Kiruna Airport into a fully functioning spaceport – enabling Spaceport Sweden to become Europe's gateway to space.

By creating a strong business network and cluster of participants, including private companies, the public sector and academic institutions, the project aims to develop new products, services, research and education. This will position participating stakeholders to build on the business opportunities which will be created on a regional, national and international basis. With Spaceport Sweden, as Europe's gateway to

space, Norrbotten County, Sweden and Europe have an opportunity and a challenge to be part of an exciting global development, creating new opportunities for regional and national growth, enabling SMEs to increase their international access and cooperation.

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I. ECONOMIC COMPETITIVENESS THEMES

NETWORKING AND CLUSTER INITIATIVES SUPPORTING REGIONAL GROWTH AND SMES' ACCESS TO GLOBAL MARKETS

UK

Growth in Environmental Marine Science

The project's aim is to support marine and aquatic science businesses in Wales, to assist them in gaining global business by encouraging them to work together as well as to encourage Welsh graduates to start up enterprises in this sector. This will help increase employment within this sector in Wales, stimulating business growth and supply chain activity. It will also contribute to the creation of strong and sustainable economic growth in Wales.

The project resulted from work done for the Welsh Assembly Government that identified the growth potential of this sector in a very rural area. The

"This cluster has both a strong local dimension and global outreach and visibility. Its multi-faceted support method makes this project original while its achievements to date and the strong private support are encouraging for its impact and sustainability."

RegioStars Jury 2011

region has low gross value added compared to the UK average; high unemployment, low number of quality jobs and high economic inactivity. The project was conceived in partnership with Government and active private sector involvement to posi-

tively influence all the above indicators with an economic multiplying effect. With its 'win work globally' strategy, global presence and science based SME cluster, the project is clearly aligned with the principles of the Europe 2020 strategy. The principles of smart, sustainable and inclusive growth are integrated across a number of the planned initiatives outlined in the strategy.

The project has two key objectives. It directly supports and proactively encourages Welsh graduate and post graduate students to start up businesses in marine science and to stop the migration of talent from Wales. This will include the signposting of graduates into Welsh Assembly Government schemes including those helping business, innovation and R&D. It is also working to enhance global business opportunities for new and existing marine and aquatic science Small and Medium-Sized Enterprises (SMEs). This is done particularly by drawing on the diversity of their collective scientific skills sets to win and deliver this work



Programme or Body: West Wales and the Valleys Convergence

Operational Programme, FRDF 2007-13 (Priority 2 Improving Business Competitiveness)

Duration of project: 11/2008 – 12/2013

Funding: €2 789 090 of which €1 310 870 is European Funding – ERDF

Website: www.bridgemarinescience.com

Growth in Environmental Marine Science

in a cooperative manner and make the whole of the cluster greater than the sum of its parts.

Although the project is still in the early stages of delivery, achievements to date are strong with 92 SMEs assisted, four new businesses created, 20 gross new jobs created, 42 businesses adopting an environmental management system, 50 new equal opportunities systems created, 60 individuals assisted to start new businesses. A key impact for the area is that the supply chain has been strengthened, for example marine scientists becoming aware of the capabilities of other businesses.

Through clustering, a natural, supportive, business-enhancing and learning experience has emerged with a view to achieving the project's aims. Building trust and demonstrating the benefits of clustering was especially necessary in order to overcome the natural tensions between cooperation and competition amongst small businesses in the same sector. With growing demand for the project's service, the creation of a digital ecosystem is being considered to allow the cluster to operate even more effectively internally and externally to the market. Such a system could have particular benefits in rural areas where distance, poor physical communication structures and snow bound winters can be overcome.



I. ECONOMIC COMPETITIVENESS THEMES

NETWORKING AND CLUSTER INITIATIVES SUPPORTING REGIONAL GROWTH AND SMES' ACCESS TO GLOBAL MARKETS

ETC

POWER Cluster – The Northern European Competence Network for Offshore Wind Energy

The POWER cluster tackles the challenges of the further roll out of offshore wind technology in Northern Europe by cooperating beyond borders and across sectoral barriers. It is an INTERREG IVB project developing cooperation between coastal regions of the North Sea Region in order to take advantage of future growth in the offshore wind industry and to identify future markets. The project contributes to the economic attractiveness and competitiveness of these maritime regions.

The POWER cluster project is a project involving 18 partners from six countries around the North Sea - Germany, the United Kingdom, Denmark, the

"Its large scope in an important flagship sector along with its crosssectoral and multi-activity approach make this an innovative project." RegioStars Jury 2011 Netherlands, Sweden and Norway. In its essence, the offshore wind energy sector is an innovative field. In order to extend the share of renewable energies in the EU

and particularly in the North Sea Region, new and innovative ways of energy production are needed. It mainly started with onshore wind farms, but

the current tendency is to develop offshore farms, which require special skills and expertise compared to the onshore wind energy industry. POWER cluster embodies a strong grouping of key players in the offshore wind energy sector of the North Sea Region committed to leading the way in terms of renewable energies.

Its impact is visible not only on the local, regional or national levels but also on the international level. Its work programme targets four objectives. It aims to increase social acceptance of offshore wind energy by promoting an understanding of the particular importance of this kind of renewable energy. The





Region: North Sea Region; DE, DK, NL, SE, UK, NO

Programme or Body: North Sea Region – European Territorial Cooperation Programme

Duration of project: 07/2008 – 06/2011

Funding: €4 998 940 of which €2 499 470 is European Funding – ERDF

Website: www.power-cluster.net

POWER Cluster – The Northern European Competence Network for Offshore Wind Energy

partners foster the development of new business contacts through, for instance, four "business to business" events, an EU funding tracker on offshore wind and an offshore wind supply chain mapping tool (www.power-cluster.net) launched in May 2010. It works on the issue of human capital needs of the industry. And finally it seeks to integrate the different sectors, work streams and specific topics to support moves towards more comprehensive and inclusive partnerships integrating national levels and energy institutions of European importance.

Examples of innovation within the POWER cluster project itself are the development and implemen-

tation of several offshore wind energy related BSc and MSc courses and modules, the creation of transnational offshore wind energy business networks, as well as the development of the first cluster wind supply map. Another example of innovation is the boat exhibition in 2009, 2010 and 2011. It attracted more than 38 000 visitors between 2009 and 2010. These exhibitions are part of the awareness raising side of the project.

The project is based on the results of the POWER project, a former INTERREG IIIB North Sea Region project, which proved its sustainability. The POWER cluster now represents a further step forward.



I. ECONOMIC COMPETITIVENESS THEMES

NETWORKING AND CLUSTER INITIATIVES SUPPORTING REGIONAL GROWTH AND SMES' ACCESS TO GLOBAL MARKETS

ETC

Sharing Experience Europe – Policy Innovation Design

The aim of Sharing Experience Europe – SEE – is to pool knowledge, share experiences, stimulate debate, develop new thinking and build rapport and credibility in order to influence policy at regional and national levels relating to design integration.

SEE is a network of 11 European partners sharing knowledge and experience on how design can be integrated into regional and national policies to boost innovation, sustainability and social and economic

"This is an interesting policy-building project in a forward-looking area – design as a source of innovation.

Its broad partnership and EU endorsement gives credibility to the statement that it paves the way towards new innovation policies, suited to regions outside of the \$\$8T hubs" – RegioStars Jury 2011

development. The project builds on the successful implementation of the SEE design project (2005-07, INTERREG IIIC).

The project's ultimate goal is to integrate design into innovation policies.

This work is focused on creating better conditions for SMEs to operate, developing innovation and making use of design resources. To achieve this SEE faced the challenge of building rapport between the partners (which are all organisations that currently provide design support to SMEs) and policy-makers.

SEE uses innovative approaches to bring partners and policy-makers together to discuss design-related topics and formulate policy recommendations that are both ambitious and achievable. In working together, the project strives to build meaningful relationships that (i) raise awareness about design; (ii) are sustainable beyond the project; and (iii) ultimately influence innovation policies across Europe to build an innovative environment in which SMEs can operate. The project is highly innovative in proposing a topic that has almost never been examined in a policy context.

The results have been very positive with all 11 partner regions reporting clear impact in policies and programmes. Workshop and research outputs are being used to support the emerging agenda for design within wider innovation policies and at a European level. The partners list multiple national and regional examples.



Region: Wales (lead partner), Estonia, France, Finland, Ireland, Italy, Poland, Slovenia and Denmark

Programme or Body: European Territorial Cooperation Programme – INTERREG IVC

Duration of project: 09/2008 – 06/2011

Funding: €1 498 490 of which €1 141 425 is European Funding – ERDF

Website: www.seeproject.org

Sharing Experience Europe – Policy Innovation Design

For instance in Slovenia, a special study on the status of design in Slovenia will be carried out, co-financed by the ministries as a result of the increased awareness among policymakers. Also, examples of good practice on design policies presented within the SEE project (in particular the examples of practices in Finland and Denmark) are serving as a model for the new SL R&D Innovation strategy 2011-15.

In Belgium the SEE project has accelerated the development of a Design Platform in Flanders to enhance the efficiency and effectiveness of the different design organisations, supported by the government, and to create a broader and guiding design policy by the Flemish Government. At EU level, SEE is also contributing to broadening the scope of innovation policy to include design.



2

I. ECONOMIC COMPETITIVENESS THEMES

ANTICIPATING ECONOMIC CHANGE

BE

Helden van alle dag: Het Beroepenhuis

'Het Beroepenhuis' (the Profession House) is a permanent interactive exhibition where young people from 11 to 14 can try out professions, with special emphasis on technical and practical executive professions. The aim is to help them make a conscious and positive choice for further education and training. Through motivating more young people in favour of technical professions, the project contributes to addressing a shortage of skilled technical workers in the region.

If you are an 11 to 14 year old, it is not easy to know what to study with a view to a future job. By giving young people a chance to discover their talents the permanent job fair of 'Het Beroepenhuis' broadens their horizons. Through this approach young peo-

"A small promising project promoting practical professions and including disadvantaged citizens, with support from a broad local partnership."

RegioStars Jury 2011

ple are encouraged to make positive choices for courses in vocational or technical secondary education.

In the exhibition young people can discover professions in an engaging way. The sectors covered are: Metal and Technology, Transportation and Logistics, Chemicals and Plastics, Catering, Food, Construction, Social Profit and Printing Industry. In addition

the visitors can work with concrete material in professional studios. A comprehensive library about occupations and vocational training is also available.

'Het Beroepenhuis' aims to alter attitudes. It shows that technical and practical-executive professions are also fun, useful and have a social interest. Moreover, as technical professions are – for many reasons – often seen as male professions, 'Het Beroepenhuis' contributes to breaking down such stereotypes. Special attention is also given to immigrants by making them explicitly visible in the exhibition.

The visit to the exhibition starts with the question 'Why work?" A short movie shows people at work who explain why they enjoy working. After this the game starts in the interactive exhibition. This con-



Region: Flanders

Programme or Body: OBJECTIVE 2 GHENT PROGRAMME 2000-06 (PROV. EAST-FLANDERS)

Duration of project: 06/2001 – 12/2006

Funding: €170 300 of which €62 890 is European Funding – ERDF

Website: www.beroepenhuis.be

Helden van alle dag: Het Beroepenhuis

sists of various discovery corners; each representing a sector, in which you can get in touch with professionals from the industry through assignments. So, for example, you can slide under a truck as a mechanic, design a bike as an industrial product developer or retrieve the wrong bag of candy out of the assembly line as a quality manager. You will also learn about the environment, terminology, security and gender awareness. In the professional studios, visitors crawl into the skin of a professional. They can experiment with materials and tools.

The project is part of 'Gent, stad in werking' (Gsiw), the strategic employment plan for the city of Ghent. The ERDF funding supported the design and optimisation of the building in which 'Het Beroepenhuis' is located, including the use of ecologically responsible materials, which is consistent with the approach of the project to strengthen the environmental awareness of visitors and the integration of this theme in the presentations.

'Het Beroepenhuis' is an open partnership with Gsiw. It has also broad public support and the involvement of employers (construction, metals, transport, ports, crafts and guilds sectors) and workers organisations, the intermediary sector, educational institutions from all networks and the local government. There is also good cooperation with the media.

2

I. ECONOMIC COMPETITIVENESS THEMES

ANTICIPATING ECONOMIC CHANGE

ES

BioBasque 2010, Development of life sciences in the Basque Country

The BioBasque 2010 strategy pursued the creation of a new business sector related to life science in order to contribute to the diversification of Basque industry. Policy-makers chose to build on biotechnology linked to converging disciplines, where the Basque Country had a proven tradition, such as engineering, manufacturing and automation.

The BioBasque 2010 vision is oriented towards commercialising research results. In order to deliver its objectives it relies on the research community, the ability to transfer knowledge and technology, and a favourable financial and innovation system. A number of activities have been progressively im-

"BioBasque 2010 is a strategy with a strong and consistent political commitment. It already has impressive results in terms of employment creation and good sustainability prospects." RegioStars Jury 2011 plemented, grouped into three strategic axes: knowledge generation, business development and cluster dynamisation. Specific initiatives have in-

cluded the creation of cooperative research centres, bio-incubators and a coordinating agency, the Bio-Basque Agency.

The BioBasque 2010 strategy has reached and even exceeded its targets. It has seen the emergence of

an entire new sector, still very young but visible and with economic impact; the Basque Country is now recognised as a Bio-Region at national and international levels. It has seen the net creation of 40 new companies by the end of 2009 (planned target: 40) and the creation of 3 500 jobs in the sector (planned target: 3 000). These results were achieved in the context of a sustained R&D policy developed by the Basque Country, aimed at supporting the existing industry and key players in innovation, and aligned to European priorities. Today, the regional R&D investment (1.96%, 2009) exceeds the Spanish average. Life sciences provided new opportunities for growth. Other factors played an important role, such as public and private initiatives, its tradition in clustering and networking, innovation systems involving technology parks and business incubation centres, as well as financial tools including public venture capital funds.



Region: Basque Country

Programme or Body: Regional Ministry of Economy and Treasury – Basque Government

Duration of project: 01/2001 – 12/2010

Funding: €488 400 000 of which €51 960 000 is European Funding – ERDF

Website: www.biobasque.org

BioBasque 2010, Development of life sciences in the Basque Country

BioBasque 2010 was innovative in different ways. It was the first specific strategy of this kind in Spain, although the region had no historical tradition in this area. The global approach was based on science and technology but oriented towards economic results. It relied on technological convergence and not solely on biotechnology. The BioBasque coordinating Agency has fostered partnerships between stakeholders and continuous monitoring.

Biosciences in the Basque Country is now a diversified sector including pharmaceutical, biotechnology (red, green and white), medical devices and biomaterials. The new companies created and the increased interaction between new and existing companies have a measurable economic impact in terms of jobs and GDP. The region attracts, retains and repatriates talents. Scientific publications, patents and derived products have increased.

The strong links between the traditional industrial sector and the innovative start-ups reinforce the sustainability of this emerging sector.



2

I. ECONOMIC COMPETITIVENESS THEMES

ANTICIPATING ECONOMIC CHANGE

SE

System Management for Innovative Platforms – SLIM

The SLIM project promoted cluster development by linking clusters, universities and regional authorities to stimulate innovation in the companies involved. The companies were encouraged to intensify and widen their networking in order to develop new products and services and increase employment. Research on the performance of the companies and communication of the results was an important element of the project. The project was implemented in the regions of Dalarna, Gävleborg and Värmland in Northern Central Sweden.

SLIM resulted from a process initiated by the Region of Värmland a decade ago. A gradual economic decline followed by the closure of some major economic ac-

"The SLIM project supports cluster development by addressing the components of research, joint education and support to cluster management with a focus on evaluation. This holistic approach, and its focus on developing existing regional advantages, makes it an attractive example."

RegioStars Jury 2011

tivities prompted different players to join forces to overcome the decline by transforming the sites vacated into test centres for local industries. This accelerated the development of

partnerships between the developing clusters, universities and regional authorities. The neighbouring regions of Dalarna and Gävleborg were involved in both projects. The regions are large but sparsely populated with a total population of 820 000.

The SLIM project, System Management for Innovation Platforms, enhances the development of cluster initiatives and innovation environments in North Central Sweden (Värmland, Dalarna and Gävleborg). The initiative focuses in particular on developing open innovation platforms, common research agendas, common educational agendas and fostering university business cooperation.

REGION DALMRNA





Region: Regions Värmland, Dalarna and Gävleborg in Northern Mid Sweden **Programme or Body:** Regional Competitiveness and Employment 2007-13 **Duration of project:** 01/2008 – 12/2010

Funding: €2 604 000 of which €1 302 000 is European Funding – ERDF

Website: www.regionvarmland.se

SLIM is divided into three components: (i) Process support, Policy learning and Evaluation. 'Process support for cluster initiatives' targeted cluster leaders, process leaders and other key people involved in cluster development. (ii) 'Power Measurement' evaluated the impact of regional investments at company and cluster level. Company leaders were surveyed on whether being part of a cluster had increased the growth of the company. (iii) 'Policy learning' provided a basis for cooperation integrating the 'Triple Helix model' and experience gained from the project. Positive results from the survey demonstrate the benefits for participating companies and have attracted the attention of politicians and other decision-makers.

One of the evaluation instruments used is a survey among cluster managers and companies belonging to 15 different cluster organisations in Northern Central Sweden, measuring four growth indicators: growth in existing companies, new business establishment, increase in near-industry research and long-term competence provision.

The result of the 2010 survey (*Ramboll Management Consulting*) shows that most companies benefit considerably from their involvement in clusters. For instance, 75% of the companies polled predict innovations and new products as a result of their cluster membership, 60% of the companies got access to skills needed and 30% increased their sales during the economic recession thanks to being part of the cluster initiative.

2

I. ECONOMIC COMPETITIVENESS THEMES

ANTICIPATING ECONOMIC CHANGE

UK

North East Productivity Alliance (NEPA)

Helping manufacturers in North East UK stay competitive in global markets, the North East Productivity Alliance (NEPA) is a partnership between One North East, other public agencies, industrialists and academic experts. Its aim is to improve the performance of the North East's manufacturing industry, in particular by boosting skills, productivity and lowering the energy costs of firms active in global markets.

This ERDF-funded project – MAS-NEPA – combines a previous NEPA Best Practice initiative (supported by the European Social Fund) with Energy Resource Efficiency and Design in Manufacturing projects

> and the national Manufacturing Advisory Service (MAS) scheme.

"The project provides a good example of how to address lean and integrated manufacturing through developing the human capital of the firms. It builds on previous positive results and has inspired an interregional network."

RegioStars Jury 2011

The NEPA project is not focused on activities within specific clusters, rather NEPA ad-

dresses the issue of lean manufacturing through providing in-depth training to individuals within different manufacturing firms in North East England. It uses skills improvement as a driver of improved productivity and energy efficiency. Both of these elements are leading to the safeguarding of jobs and adding value to the regional economy.

ERDF funding has been secured to support elements of this new integrated approach, enabling targeted assistance to be given to an additional number of regional SMEs and broadening the practical support available to include energy management assistance.

The Energy Resource Efficiency Project – NEPA Energy – was established in 2006 to help businesses tackle rising energy costs. The team works closely with firms to develop energy action plans, analyse current usage and highlight innovative ways of cutting bills and providing in-depth training to encourage the integration of energy management techniques within the business strategy and operational plans of the company.



Region: North East England

Programme or Body: NE Regional Competitiveness and Employment OP 2007-13

Duration of project: 10/2008 – 03/2013

Funding: €15 200 000 of which €7 600 000 is European Funding – ERDF

Website: www.nepa-info.co.uk

North East Productivity Alliance (NEPA)

As an early example of success, the ERE experts worked with a regional manufacturing company and identified that installing a heat recovery system on an ink drying machine would potentially save 60% in energy use. The company hopes to save in excess of £100 000 per year from its current electricity bill, or 10% of its total electricity costs.

The project is working on further upgrading an already considerable support package for manufacturers in the North East, from which hundreds of businesses have already benefited, saving millions, making them more productive and reducing energy waste and expense from manufacturing processes. To date 100's of companies have been supported and 1 000's of individuals have received training.

The NEPA project has also become the basis of an INTERREG project (ERIP) looking at productivity improvement in SMEs across the North Sea region.



2

I. ECONOMIC COMPETITIVENESS THEMES

ANTICIPATING ECONOMIC CHANGE

ETC

NoCry – Northern Creative Youth

NoCry (Northern Creative Youth) addresses the opportunities of the creative industries from the point of view of young people. This transnational project promotes entrepreneurship, supports creative sector incubator networking and spreads knowledge in the Northern areas of Europe about the potential of creative industries.

Very few of the existing business incubators have the knowledge and skills to support creative sector entrepreneurship. The creative sector has nontraditional ways of working and therefore presents

"An innovative transnational initiative to promote international networks and diffuse knowledge on support for entrepreneurs in the creative sectors."

RegioStars Jury 2011

special requirements for incubators. In addition young creative talents often do not have the knowledge to transform their skills into business opportunities. The lack of a business development tradition in the

creative sector hinders such development. Many entrepreneurs become successful in their forties or later. In the creative industries, it is young people who are the leaders and it is important to reach these individuals at an early stage so that they are able to fulfil their potential.

NoCry has played a key role in raising awareness of the economic potential of the creative sector for the Northern areas of Europe. Moreover, it has piloted new creative incubators, organised training and developed online training units, developed ICT tools for co-productions over distances and distributing creative digital content. At its best, the NoCry has been a transnational laboratory in which the project has created links between different creative individuals and allowed their input to form the project's impact.

The main outcome of the project is an online service – www.incubiz.eu – for creative young people and business incubators to support business development in the creative sector. Incubiz contains information, knowledge, models and good examples about starting a business in the creative field. Incubiz is also a platform for interaction between creative people and organisations supporting entrepreneurship and the creative sector. The service sup-



Region: Lapland and Kainuu (Finland), Norbotten and Västernorrland (Sweden), Troms (Norway), Morayshire (Scotland), Derry (Northern Ireland), Faroe Islands

Programme or Body: European Territorial Cooperation Programme – Northern Periphery 2007-13

Duration of project: 01/2008 – 08/2010

Funding: €1 807 640 of which €1 037 100 is European Funding – ERDF

Website: www.incubiz.eu

NoCry – Northern Creative Youth

ports young creative people interested in becoming entrepreneurs, and it offers contacts and networks across borders.

The NoCry project has directly employed several young people to either produce creative content and material or to act as ambassadors of the creative industries towards other young people. Some new small businesses have also been started with the support of the experimental incubators and Incubiz. The project has also supported the startup of four creative business incubators: Studio NoCry Kramfors Sweden, Liikeikkuna Tornio Finland, Yoghurt Tromsö Norway and Vuokatti Crazy Town Finland.

NoCry has also helped existing incubators to better understand the challenges of creative young people and the international market.

The NoCry partners Studiecentrum and Power-House, Municipality of Kramfors, have agreed to host the Incubiz.eu service after the project ends. Several projects are being planned to support creative sector entrepreneurship in the future, and the Lead Partner has offered these projects the opportunity to adopt Incubiz.eu and to further develop the service as a part of their project. The service, therefore, has good prospects to become self sustaining and develop even after the NoCry project.



II. LOW CARBON ECONOMY THEMES

"CITYSTAR"

PROMOTING SUSTAINABLE ENERGY IN CITIES

BE

31 Municipalities in the Sun

The project "31 Municipalities in the Sun" involves initiatives carried out by Wallonia with the support of the Structural Funds in pursuit of the objectives of the European strategies of Lisbon / Gothenburg and Europe 2020. Sustainable and balanced territorial development is one of the key priorities of Wallonia as reflected in the ERDF Operational Programme. Through the project "31 Municipalities in the Sun", the theme of wider use of solar power is tackled by integrating renewable energy promotion with the efficient use of energy.

The project objective was to draw attention to the little-tapped but promising potential of photovoltaics in Wallonia by providing a showcase for this technology. The project initiates in the whole region a process

"An important innovation in this project is to link up 33 towns in a common project with a view to multiplying the benefits of a large scale exploitation of solar energy. With its strong communication and educational tools the project can have a long term impact"

RegioStars Jury 2011

aimed at energy independence of partner municipalities. The public partners, representing specific geographical entities, can provide clear examples of concrete achievements in renewable

energy uses in their own area to their own citizens and in their wider region.

Initially each partner municipality was able to install one or two photovoltaic demonstration kits on municipal buildings. These facilities became the initial point of the awareness campaign directed at the inhabitants and SMEs of these towns through briefings, the permanent display of the electricity production, youth awareness campaigns in schools (supported by a website), and the organisation of local events including a "Festival of the Sun". 180 000 citizens (4 224 households) were effectively informed about the initiative, including specific information for 29 000 schoolchildren.

The coordination of the project is provided by SPI+, a regional development agency involving the 31 Municipalities, the Directorate General for Planning, Housing, Heritage and Energy and the ERDF Coordi-



Region: Wallonia

Cities: 31 municipalities from the Huy-Waremme district

Programme or Body: Regional Competitiveness and Employment 2007-13

Duration of project: 01/2008 – 06/2010

Funding: €2 290 950 of which €752 840 is European funding – ERDF

Website: www.31communesausoleil.be

31 Municipalities in the Sun

nation Department (Walloon Public Service). Centralised project management allowed scale economies for studies and the deployment of photovoltaic installation kits (appointment of project author, business communication, bid analysis, monitoring and financial management of yards) and the management of the communication operations. Alongside this, one municipal official per municipality was trained in photovoltaic technology and to advise citizens and companies wishing to invest in that technology for their own needs.

Because the district includes very rural municipalities as well as residential and medium-sized cities the project methodology and developed tools could be easily reused in other European regions with similar characteristics.



II. LOW CARBON ECONOMY THEMES

"CITYSTAR"

PROMOTING SUSTAINABLE ENERGY IN CITIES

LT

Scheme of renovation of the public buildings in Lithuania

This scheme to renovate public buildings in Lithuania is designed to reduce their energy consumption. High energy consumption arising especially from the inefficiency of energy performance in buildings built prior to the 1993 energy efficiency standards is the main problem in the management and exploitation of these buildings. Current energy characteristics of such buildings do not guarantee effective consumption of energy and result in high running costs. The renovation of the public buildings will reduce pollution from the primary fuel burnt while producing electricity and heat.

Under the scheme the modernisation of the buildings is undertaken using only measures which ensure efficient use of energy. The measures covered include

"... an impressive programme tackling a high priority issue. The approach selected of targeting the most energy ineffective buildings with a view to maximum energy saving is commendable."

RegioStars Jury 2011

the repair of outer walls, reconstruction and the modernisation of the energy systems. Exante energy consumption audits help to decide on the specific work that should be undertaken to improve the energy perform-

ance of the building. These audits identify the reasons for high energy consumption in each specific build-

ing and recommend the action required to change an energy-inefficient building into an effective one.

Of the 550 buildings expected to be financed the majority – 313 buildings – are educational or preschool buildings. Other buildings to be renovated are run by public medical, custodial, sport and cultural institutions. All stakeholders, who are involved directly (e.g. by improved thermal insulation and therefore by a warmer healthcare or educational institution) or indirectly (by reducing the running expenses for the building and the need for heating), benefit from the initiative. 92 buildings were already renovated by mid 2010 accounting for nearly 25% of the budget.



Region: Lithuania **Cities:** Across Lithuania

Programme or Body: Ministry of Finance of the Republic of Lithuania

Duration of project: 07/2008 – 10/2015

Funding: €296 209 260 of which €269 626 210 is European funding – Cohesion Fund

Website: www.ukmin.lt

In addition, the renovation of the public buildings has a direct influence on the country's economy. It is maintaining employment in the relevant construction sub-sectors by mid 2010, 443 companies had been involved in the works creating or securing 24 000 jobs, also on a regional level. By reducing the energy consumption the scheme is also contributing to reducing demand for imported energy. It is planned, by the end of the scheme, to save 133 GWh per year (including 88 GWh based on the measure linked to 357 national buildings and 33.5 GWh in relation to the 158 buildings in the specific regional measure).

The innovative elements of this scheme, in the Lithuanian context, are its scale, the way projects have been prepared and selected and its regional dimension. The current scheme targets 550 buildings compared to the previous scheme targeting 86 buildings in the last period. It also promotes for the first time a role for redevelopment councils in project selection and the building of partnerships and exchanges of experience.



3

II. LOW CARBON ECONOMY THEMES

"CITYSTAR"

PROMOTING SUSTAINABLE ENERGY IN CITIES

NL

Amsterdam, Smart City

The project's aim is to test smart technologies that save energy and facilitate sustainable choices by people and businesses in the Amsterdam region. It plans to address the twin objectives of energy conservation and CO_2 emission reduction on the one hand and innovation-based economic growth on the other hand.

The City of Amsterdam, acting in line with the EU's 20-20-20 climate targets, has set itself even more ambitious goals: to make all municipal organisations climate-impact neutral before 2015 and to reduce CO₂ emissions by 40% compared to 1990 by the year 2025.

Serving this programme 'Amsterdam, Smart City' has the objective to show how, now and in the future, energy saving can be delivered while promoting innovation-based economic growth by strengthening promising clusters in West Netherlands.

"The project adopts a combined approach to sustainable energy and green business/smart technologies through a large and complementary local partnership. It has a strong focus on innovation in key energy efficiency areas, grounded in evaluation. The sustainability of the results is likely to assured by the private sector involvement and represents a good example of applied innovation for major EU cities for a sustainable social-economic and urbanistic development with major regional impacts." – RegioStars Jury 2011

To achieve these goals, the City of Amsterdam has developed an extensive and ambitious Climate Programme titled New Amsterdam Climate.

The project is initiated and implemented by the Amsterdam Innovation Motor and the grid operator Liander in close cooperation with the Climate and Energy Office of the City of Amsterdam. 'Amsterdam, Smart City' acts as a catalyst for new innovations in the field of smart energy technologies. Within the project over 50 private firms (multi-

nationals and SMEs) work together with TNO (Dutch Knowledge Institute, a public independent research institute), Housing Cooperations and the Municipality.



Region: Landsdeel West

City: Amsterdam

Programme or Body: Regional Competitiveness and Employment Programme – West Netherlands

Duration of project: 06/2009 – 04/2011

Funding: €3 910 390 of which €1 564 140 is European funding – ERDF

Website: www.amsterdamsmartcity.nl

Amsterdam, Smart City

The project plans to give a major boost to energy conservation, while enterprises active in this field get the opportunity to upscale their solutions.

The activities of the project include building the platform 'Amsterdam, Smart City'; developing and validating at least 12 test-projects in the fields of sustainable housing, working, mobility and public space; sharing knowledge about the project and disseminating results (www.amsterdamsmartcity.nl).

Within the pilot projects research is conducted to better understand what changes are achieved. TNO oversees the work assuring robust monitoring and evaluation. In one pilot project the research is focused on customer behaviour: assessing the effect of an energy display and the effect on the behaviour of customers when detailed usage data is given as feedback. Also the 'peer-pressure' effect is being analysed and research is looking at different ways to approach and reach the customer.



II. LOW CARBON ECONOMY THEMES

"CITYSTAR"

UK

Ecovenue

Ecovenue is a theatre-specific environmental business support project for 48 small theatres and performing arts venues across London which aims to achieve quantifiable improvements in the environmental performance of London's theatres. It will help to deliver the Mayor of London's Green Theatre Plan, which aims to help theatres achieve reductions of 60% in carbon emissions from 1990 levels by 2025.

Following the 2008 launch of the Mayor of London's Green Theatre Plan, which aimed to support the theatre industry in London in achieving the Mayor's carbon emission reduction target, it was felt that while the larger theatres were able to make good progress themselves, there was a danger that the SME perform-

"The target of the Ecovenue project is unusual but promising as theatres could have a multiplying effect in the entertainment sector" RegioStars Jury 2011

ing arts venues could get left behind. This was generally felt to be not through lack of will, but lack of resources - both staff and financial.

Ecovenue helps to fill this gap by providing assistance to those that require it - the smaller venues to whom the savings associated with energy and resource efficiency can make a big difference. The venues involved in the project range from a 100-seat puppet theatre to a community dance space in the East End.

Very little knowledge was previously available on the unique energy requirements and energy usage of theatres and performing arts venues. By studying the data it gathers, Ecovenue will help the SME-run venues where they need it most - and in real time. It will simultaneously develop tailored environmental and procurement policies that will continue to deliver results long after the project has ended. This is the first time that such an exercise has been undertaken in the United Kingdom.

The key areas being looked at in the Ecovenue project concern reductions in the use of energy, water and materials, and the examination of waste disposal – i.e. quantities to landfill vs. recycling. The overall aim of the project is to reduce carbon emissions across the 48 venues by at least 240 tonnes.



Region: London City: London

Programme or Body: Regional Competitiveness and Employment – Programme 2007-13

Duration of project: 08/2009 – 10/2012

Funding: €1 077 900 of which €538 940 is European funding – ERDF

Website: www.theatrestrust.org.uk/resources/ecovenue

UK

Ecovenue

The Ecovenue project runs until end 2012. However early interventions indicate that the involvement with the project has allowed beneficiaries an insight into their environmental impact that would not otherwise be the case, especially in the area of energy management.

The knowledge gained through the implementation of the Ecovenue project will inform all current and future guidance given by the Theatres Trust in environmental and sustainability matters promising a wider impact for the project's results.



3

II. LOW CARBON ECONOMY THEMES

"CITYSTAR"

PROMOTING SUSTAINABLE ENERGY IN CITIES

ETC

Livinggreen.EU

The aim of this project is to promote and implement sustainable renovation practice in North Western Europe making accessible the technologies and methods which are available for sustainable renovation, and jointly developing new sustainability products and services for the renovation sector.

Sustainability principles in new buildings exist, including examples and standards, but possibilities on how to renovate, restore or improve the existing building

"The Greening of historical buildings is an important area. The project toolbox provides a systematic and coherent approach to sustainable renovation of the existing building stock. It promises to be of value across the entire NW Europe region."

RegioStars Jury 2011

stock in a sustainable way are generally unknown to house owners, housing corporations, public authorities, contractors, investors and consultants. The

technology is available but the gap between available knowledge and practice is enormous. The partnership is working on a variety of targeted communication methods and instruments to transfer the knowledge and know how to different audiences – decision-makers, authorities, key players in the building sector and house owners.

The Livinggreen.eu project is organised in three pillars. The first pillar is set up for five investing partners that will renovate a specific kind of cultural heritage building; a second pillar is clustering three partners that have a track record in generating and transferring available and newly generated knowledge and know how on sustainable renovation, which they will disseminate to specific target groups; a third pillar aims to develop new sustainable products and services for the renovation sector in which one partner has the lead.

Nine partners from North Western Europe work together with the intention of applying each other's distinct and advanced expertise to accelerate international application and define common standards for sustainable renovation. Partners help each other bilaterally and in the partner meetings, solving problems encountered in the renovation processes. The result of this experience will be an assessment of



Region: South Netherlands (NL), Stuttgart (DE), Antwerp (BE), Nord Pas de Calais (FR), Outer London (UK), Hainaut (BE)

Cities: Gouda (NL), Delft (NL), Antwerp (BE), Lille (FR), Morden (UK), London (UK), Ludwigsburg (DE), Charleroi (BE)

Programme or Body: European Territorial Cooperation Programme – INTERREG IVB North West Europe

Duration of project: 10/2007 – 07/2013

Funding: €9 399 725 of which €4 699 860 is European funding – ERDF

Website: www.livinggreen.eu

Livinggreen.EU

the renovated buildings according to jointly developed criteria. Methods are developed by the expert partners and tested in the 5 cities that develop a Livinggreen.eu centre. The partners together develop assessment tools and apply these to the renovation methods developed.

The Livinggreen.eu project is in its implementation phase. In each city where a Livinggreen centre is being realised, partners have organised a local stakeholder network with regular meetings that involves the business sector, R&D institutions and owners of buildings. The full impact of the renovations will be assessed at the end of the project. The project website is accessible to the public, and regular requests for membership show that the project draws interest on an international scale.



3

II. LOW CARBON ECONOMY THEMES

"CITYSTAR"

PROMOTING SUSTAINABLE ENERGY IN CITIES

ETC

SUN – Sustainable Urban Neighbourhoods

The SUN project was developed in response to the fact that in several towns of the Meuse-Rhine Euregio certain urban neighbourhoods, despite regeneration policies being conducted, are still experiencing difficulties and are furthermore confronted with new challenges such as buildings energy efficiency, environmental quality, green infrastructures, local economy, social integration, etc.

The SUN project team addresses the challenge of shifting from a traditional regeneration policy to a sustainable development dynamic in seven urban

"... an attractive project addressing the topic of regeneration of existing buildings using an innovative approach to find solutions to technical and financial problems. The strong social mobilisation surrounding an objective-based approach is new for most of the concerned territories."

RegioStars Jury 2011

neighbourhoods of the Meuse-Rhine Euregio, all inherited from the industrial era. Key questions were highlighted during project preparation, as a result of a shared evaluation of traditional regeneration poli-

cies and shared observation of the rise of new needs within these neighbourhoods. These issues are all addressed in a highly participative and creative approach.

SUN has voluntarily been constructed as a cross-disciplinary and multi-level action research, at the interface of cities, academics, citizens and private society: around the seven pilot districts and their 60 000 residents, seven Local Authorities, five academic partners (University of Liège, Universiteit Hasselt, University Maastricht, Fachhochschule Aachen, Volkshochschule Aachen), and many players of the associative and economic worlds are involved (DuBo-Limburg, COS-Limburg, Eco'Hom, SPI+, SMart, Cluster Eco-construction).

Particular focus is given to the improvement of the energy efficiency of private buildings, which is a major challenge in the participating neighbourhoods. Despite the important subsidies and support for renovation offered by the public authorities, the building fabric is actually being renovated slowly and with difficulty. The reasons for this are multiple: low level



Region: Meuse-Rhein Euregio (Liège (BE), Limbourg (BE)), Limbourg (NL), Aachen (DE) Cities: Liège (BE), Verviers (BE), Eupen (BE), Heerlen (NL), Genk (BE), Aachen (DE), Eschweiler (DE) Programme or Body: European Territorial Cooperation – Meuse-Rhein Euregio Programme

Duration of project: 07/2008 – 06/2011

Funding: €4 210 700 of which €2 105 350 is European funding – ERDF

Website: www.sun-euregio.eu

SUN – Sustainable Urban Neighbourhoods

of awareness about the benefits of energy efficient buildings, difficulty in launching pre-financing works, and a lack of technical and administrative information/expertise.

The SUN project experiments with an integrated approach to accelerate the process of energy renovation in the participating neighbourhoods. The adopted approach was inspired by various experiences from

the different partner regions, which were adapted to fit with the context of the SUN neighbourhoods. It is based on group dynamics, which is an interesting lever for inducing behavioural change. Through this integrated approach to energy renovation, the SUN project offers an answer to all the above mentioned difficulties and barriers that hinder the renovation process.





II. LOW CARBON ECONOMY THEMES

"CITYSTAR"INTEGRATED, CLEAN URBAN TRANSPORT PROJECT:

DE

The Hybrid Electric Fuel-Cell Bus

The project aims at the development of a zero-emissions hybrid fuel-cell bus ready for series production, which will be used in future public transport systems. The "hydrogen bus" is an innovative approach to tomorrow's local public transport, because it is clean and quiet, has ample passenger capacity with low energy consumption and zero emissions. The World's first 18 m fuel-cell bus has been developed in the framework of the project. The bus is part of a series of test vehicles destined for local public transport services in Amsterdam and Cologne.

The project was triggered by the government of the German State of North Rhine-Westphalia (NRW), which published its Climate Protection Programme

"The project provides a valuable example of high technology research into clean vehicles with a view to implementation with a large regional impact. Its success will largely be due to its strong integrated partnership."

RegioStars Jury 2011

in 2008. An important measure of this programme is the launch of the "NRW Hydrogen HyWay" to support the marketability of fuel-cell technology by initiating a

considerable number of research and demonstration projects. These projects will be set up along the existing hydrogen pipeline (total length 230 km) in the Rhine-Ruhr area linking also to neighbouring regions.

The project to develop a hybrid fuel-cell bus ready for series production is built in three phases. The first phase, which was completed in 2009, was the development of a drive system leading to a recommendation for the energy storage module and the design details of the fuel-cell system. The first presentation of the concept took place during "Rail2009 expo" in Dortmund. In May 2010 the first prototype was introduced to the public at a showcase of the 18th World Hydrogen Energy Conference in Essen, Germany. In the second phase of the project the first four test vehicles will be assembled in 2011. The third phase constitutes the test phase in Amsterdam and Cologne with two busses serving passengers in each of the cities' public transport systems. The buses will be tested on regular services for a period of several years. During this phase an evaluation report of the service will be made.



Region: North Rhine-Westphalia **Cities:** Cologne and Amsterdam

Programme or Body: NRW-EU Competitiveness Programme 2007-13

Duration of project: 02/2009-03/2011

Funding: €3 049 150 of which €1 256 650 is European funding – ERDF **Website:** www.vossloh-kiepe.com/electric-buses/hybrid-buses

The Hybrid Electric Fuel-Cell Bus

The hybrid fuel-cell bus is based on the Phileas series built by Advanced Public Transport Systems BV and was developed by Vossloh Kiepe GmbH. The Phileas bus is specifically engineered for comfortable passenger transport on very busy bus services. The bus can operate over distances up to 300 km with 40 kg of hydrogen and its engine is very quiet. Its special feature is the fuel cells powered by hydrogen (H2). Nothing is emitted from the exhaust pipe but clean steam and this operation will reduce noise pollution. The H2-Bus will be the basis for commercial fuel-cell buses as an alternative to standard busses and as a way to the future of zero emission public transport.

The project partners believe that the project will be viable and sustainable on the basis that the demand of zero-emission equipment for buses will increase significantly. The H2 technology will meet the requirements of clean urban transport. Europe's overall policy and environmental objectives provide strong support for environmentally friendly public transport.



4

II. LOW CARBON ECONOMY THEMES

"CITYSTAR"

INTEGRATED, CLEAN URBAN TRANSPORT PROJECTS

PT

Innovative and sustainable mobility in Funchal (CIVITAS MIMOSA)

The objectives of the project were to increase the total number of passengers and improve user satisfaction, to build up evaluation models, increase the efficiency of the public transport system and to promote a positive attitudinal shift towards alternative transport modes – biking, walking, car sharing – by making them more attractive.

Funchal is the capital of the Autonomous Region of Madeira, Portugal. The city is characterized by rugged hilly landscapes and a very specific terrain and road network, resulting in the higher wear and tear of bus

"Capitalising on its experience with the Civitas initiative, Funchal has produced a well developed project based on the urban mobility concepts developed at EU level in order to create strong socio-economic synergies." RegioStars Jury 2011 engines and negative impacts in terms of maintenance, energy efficiency, polluting emissions and noise. The current modal split is 55%-45% for the use of private/public transport

modes. Without intervention the modal balance would shift in favour of private modes.

The project was built on the outcomes of a CIVITAS cooperation scheme. The CIVITAS Initiative helps cities to achieve a more sustainable, clean and energy efficient urban transport system. The project involved mobilising ERDF financial support to co-fund the specific CIVITAS results in the case of Funchal. The Public Transport Operator (Horários do Funchal) is committed to improving both the level of services and the efficiency of the public transport system by various measures, including the installation of a state of the art control centre for urban public transport. This will enable efficient monitoring of the fleet and lay the foundations for further market research to better match the optimal supply to public transport demand.















INTERVIR+ para uma Região cada vez mais europeia

Region: Madeira **City:** Funchal

Programme or Body: Regional Competitiveness and Employment 2007-13

Duration of project: October 2008 – December 2013

Funding: €2 876 120 of which €2 013 280 is European Funding – ERDF **Website:** http://www.civitas-initiative.org/city_sheet.phtml?lan=en&id=93

Innovative and sustainable mobility in Funchal (CIVITAS MIMOSA)

The project is being built on the seven demonstration measures prepared in the CIVITAS initiative: Sustainable fleet, Green public transport line, Control system or dial and ride services (demand-based public transport), Urban transport planning centre, Park and ride with public transport school services, Eco drive, Bus and bike. The core measure of the project will be the setting up of an ICT-based public transport operational centre. New environmentally friendly midi-buses will be procured in order to better align transport service provision to mobility needs. This will allow the transport operator to provide services in neighbourhoods with narrow streets that could

not so far be reached. There will be a communication campaign and new branding to attract more passengers. Finally a continuous evaluation methodology to monitor service quality and passenger satisfaction is being developed.

The innovative character of the project lies in the degree of integration of its measures. It has already delivered tangible achievements: operational costs have reduced in relation to revenues in 2008-09, satisfaction rates among users have increased and there is a significant increase in the number of mobility-impaired users.



II. LOW CARBON ECONOMY THEMES

"CITYSTAR"

ETC

FLIPPER – Flexible Transport Services & ICT platform for eco-mobility in urban and rural areas

FLIPPER addresses a key factor in the eco-sustainable development and social cohesion of European regions, through the investigation, exchange of experience, and transfer of good practices on Flexible Transport Services (FTS) for better mobility in cities, rural areas and small towns. FLIPPER aims to establish knowledge transfer at European level and promotes capacity-building as well as sustainable and innovative solutions by evaluating the feasibility and real impact of the good practices identified at local level.

The challenge of providing a cost effective integrated public transport system is seen as an essential prerequisite for reducing pollution and congestion whilst encouraging sustainable economic growth.

"The innovative approach of this network derives from the involvement of the staff of transport companies in accelerating the transfer and implementation of good practices providing innovative solutions to real needs. The midterm results are impressive and promise a significant impact overall." RegioStars Jury 2011

The changing habitation patterns and nature of work activities in today's society have created different mobility needs to which conventional transport has become neither suited nor cost-effective.

By providing various forms of intermediate services, FTS are complementary to the conventional passenger transport systems and usually serve unscheduled mobility needs, either in low demand time periods or in weak demand areas. Given this flexibility, FTS are suitable for niche market customers and different citizens' groups (e.g. disabled, elderly, students).

The aim of FLIPPER is to reduce energy consumption and environmental impacts, as well as to increase the social inclusion of disadvantaged citizen groups and/ or areas, thus encouraging sustainable environmental and social and economic growth.



Region: Emilia Romagna, Toscana (IT), Kentriki Makedonia, Thessalia (EL), Wien, Burgenland (AT), North Eastern Scotland (UK), Illes Balears (ES), Lisboa (PT), Southern and Eastern Ireland (IE) City: Bologna (Lead partner)

Programme or Body: European Territorial Cooperation Programme – INTERREG IVC

Duration of project: 09/2008 – 08/2011

Funding: €2 696 700 of which €2 093 025 is European Funding – ERDF

Website: www.interreg4cflipper.eu

FLIPPER – Flexible Transport Services & ICT platform for eco-mobility in urban and rural areas

The work planned in FLIPPER includes exchanging experience on how to develop and operate FTS through training and site visits, transferring good practices, feasibility studies and pilot projects in FLIPPER sites and promoting good practices and FTS policy guidelines at local, regional and EU levels.

FLIPPER is two thirds complete. So far 21 good practices have been identified, seven of them have been transferred from one partner to another, and the feasibility studies on FTS schemes for 10 partners were carried out in 2009. In 2010, 6 pilot projects on flexible mobility services are being performed.

There are multiple outcomes of this project. From a regional point of view, the increased expertise of those involved in FTS is improving the overall decision making process, both in terms of policies and in terms of service planning and operational schemes. At local level, the implementation of some feasibility studies through the realisation of pilot projects in the course of 2010 will have positive results for the quality of transport services in the sites involved and will give the other partners the chance to acquire new expertise and skills. In addition it is remarkable that a partner has started a service thanks to the study results, even though it was not planned and not funded in the project as a pilot.



III. INFORMATION AND COMMUNICATION THEME

PROMOTIONAL PHOTO OF A CO-FUNDED PROJECT

BE

Europe, Strong in Vlaams-Brabant

Region: Flemish-Brabant, Flanders, Belgium

Programme type: European Regional Development Fund (ERDF)

Duration of project: 01/2007 – 12/2015

Funding: €11 600 of which €5 800 is European Union co-financing



The photo is composed of 15 original project photos, typically from well-known locations in Flanders. The objective was to alert citizens about the numerous European projects in their neighbourhood. Below the photos is a reference to the website www.vlaamsbrabant.be/europe where information about the various projects can be found. The photo also appeared in several major Flemish regional newspapers with a wide circulation.

CZ

Cycle-way Bezpráví – Choceň

Region: Northeast, Czech Republic

Programme type: European Regional Development Fund (ERDF)

Duration of project: 03/2009 – 03/2010

Funding: €935 000 of which €636 000 is European Union co-financing



A new cycle way was constructed, connecting the towns Ústí nad Orlicí, Brandýs nad Orlicí and Choceň in the Northeast of the Czech Republic. It is 10 kilometres long, has one rest area and is illuminated along one heavily used section. With the completion of this section, it is now possible to travel safely and in an environmentally friendly way on a total of 45 kilometres of cycle ways which connect two districts in the region. "Every day

more than 1 200 bikers, roller skaters but also seniors and mothers with small kids use this cycle way" says Pavel Neumeister, project manager.

The photo has featured in a 2010 calendar, in a regional projects poster exhibition, on billboards and has been used as part of a photo game for children.

ES

The Solar system for hot water in the Elementary School Lysá nad Labem

Region: Central Bohemia, Czech Republic

Programme type: Operational Programme Environment; Cohesion Fund

Duration of project: 05/2007 – 12/2008

Funding: €65 000 of which €55 000 is European Union co-financing



The installation of a solar panel system for the generation of hot water in the Lysá nad Labem elementary school in Central Bohemia, Czech Republic, contributes to achieving the goals of the EU policy in the area of sustainable energy. The project leads to a decrease in the energy consumption of the school building by 108 Gigajoules per year;

CO₂ emissions were cut by more than 6 tonnes per year. The photo was used as the graphic background for a special supplement of nationwide weeklies. The supplements focused on energy savings/efficiency in buildings, financial subsidies from EU Funds and information about projects supporting renewable sources of energy. It has also been published on the programme website as an example of a successful project and in brochures promoting the Environment programme.

Juice Factory Andalusia

Region: Andalusia, Spain

Programme type: European Regional Development Fund (ERDF)

Duration of project: 11/2003 – 05/2008

Funding: €73 million of which €6.6 million is European Union co-financing



This photo illustrates the completed construction of a citrus fruit processing plant of 33 000 m², which created a total of 67 jobs. The photograph is part of a multi-media communication campaign "Andalucía se mueve con Europa" (Andalusia moves with Europe), which promotes the European Regional Development Fund and other European funds in Andalusia on TV, radio, print and online media as well as through posters.

III. INFORMATION AND COMMUNICATION THEME

PROMOTIONAL PHOTO OF A CO-FUNDED PROJECT

NL

Walstroom Binnenvaart Rotterdam

Region: West County, The Netherlands

Programme type: European Regional Development Fund (ERDF)

Duration of project: 10/2007 – 12/2011

Funding: €3.125 million of which €1.25 million is European Union co-financing



This project stimulates the widespread use of electric power connections instead of diesel engine aggregators by making electricity available for inland ships when they are in shore in the region. In the port of Rotterdam alone, 331 additional shore power connections will be added. Ships no longer have to use air-polluting diesel-fired generators to meet their electricity needs. The overall objective in the short term is environmental improvement (air quality, noise and climate impact) and in the longer term to stimulate inland transport by ship.

The photo has been used in a publicity campaign, on the website and in a project book about the first 100 projects in the programme "Kansen voor West".

PT

Redevelopment of Capelinhos Lighthouse – Interpretation Centre

Region: Azores, Portugal

Programme type: European Regional Development Fund (ERDF)

Duration of project: 08/2006 – 12/2008

Funding: €4.68 million of which €3.37 million is European Union co-financing



The photo shows the Capelinhos Lighthouse, which is located near the Capelinhos Volcano on the Island of Faial in the Azores archipelago. The aim of the project was to develop the site as a historical, environmental and sustainable tourist attraction. The visitors' centre provides information on the islands' volcanic activity, how the archipelago was formed and the various stages in the life of the lighthouse, from 1903, the year it was built, until today, including the volcanic eruption in 1957/58. The photo

has been used in advertisements, articles, and on posters with the slogan "A new generation of public facilities supported by the European Union".

Waste sorting goes high tech

Region: Savinjska region, Slovenia **Programme type:** Cohesion Fund **Duration of project:** 08/2005 – 08/2009

Funding: €43 million of which €20.33 million is European Union co-financing



This aerial photograph is of the Regional Waste Management Centre in Celje, Slovenia, which caters for 31 municipalities representing some 250 000 residents. The project is designed to be in line with European environmental standards covering waste and landfills. The introduction of such efficient technology results in cleaner air and a greener environment. Cohesion Fund assistance has helped the Savinjska region meet high environmental standards and has benefited the population of the region by delivering an environment-friendly and costefficient waste management system. The photo was used in a promotion campaign.

UK

Europe and Wales: Investing in your future

Region: Wales, United Kingdom
Programme type: Cohesion Fund
Duration of project: 08/2005 – 08/2009

Funding: €43 million of which €20.33 million is European Union co-financing



The image was developed using a selection of photos and beneficiaries of flagship projects in Wales. The projects are helping small to medium-sized enterprises (SME) to start up, innovate and grow as well as encourage environmental sustainability. The image was produced to raise the profile of EU regional policy in Wales and convey its impact on people and businesses across Wales. It is an important element of the Welsh European Funding Office's communications strategy for increasing the awareness and achievements of the European Structural Funds in Wales. It forms part of the corporate brand appearing on key promotional tools and publications.

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III. INFORMATION AND COMMUNICATION THEME

PROMOTIONAL PHOTO OF A CO-FUNDED PROJECT

ETC

Two Sunsets in One Evening

Region: "Euroregion Baltic country of Lakes" in Latvia and Lithuania

Programme type: European Territorial Cooperation Programme; European Regional Development Fund (ERDF)

Duration of project: 10/2008 – 01/2011

Funding: €1.58 million of which €1.34 million is European Union co-financing



The photo was used to promote cross-border tourism between Latvia and Lithuania in the Euro-Region "Baltic country of Lakes". The project created or improved 14 water-based cross-border tourism routes and lead to the improvement of 19 public beaches. The photo was widely used including brochures, websites, news portals, tourism exhibitions and advertisements on public transport vehicles.

ETC

Age makes no Difference

Region: Lead Partner: City of Lulea, Norrbotten region in Sweden;

Project Partners: City of Oulu, Finland, Municipality of Bodö, Norway, Naerverk and Association of Faroes Municipalities, Faroe Islands, Municipalities of Akureyri and Hafnarfjördur in Iceland

Programme type: Northern Periphery Transnational Cooperation Programme; European Regional

Development Fund (ERDF)

Duration of project: 06/2008 – 06/2011

Funding: €2 million of which €438 000 is European Union co-financing



The photo has been used (on the programme website, on leaflets and in presentations) to promote the project "Our Life as Elderly II", a project that aims to prepare municipalities in the northern peripheral regions of Sweden and Finland, but also Norway, Iceland and the Faroe Islands, to better cope with the challenges of an ageing population. The project has underlined the need for improved services and care for the elderly as an important element to keep the elderly in the peripheral regions of the North and to help them lead an active and independent life for as long as possible. It seeks to improve serv-

ices in areas such as staff competence development, health and social services, and housing services by disseminating good practices and innovative know-how throughout the Northern Periphery region.

REGIOSTARS AWARDS 2011

RegioStars – the awards for innovative projects – is an annual event to recognise and reward innovative projects supported by EU cohesion policy.

The fourth RegioStars Awards was launched in January 2010 at the presentation of RegioStars 2010 finalists.

RegioStars 2011 has seen 66 applications from project promoters and regions from 18 Member States. This year five awards are on offer in three broad areas: two awards in Economic Competitiveness themes, two "CityStar" awards and one Information and Communication award. Under this last category, in addition to the Jury award, the Commission has organised an online public vote.

The RegioStars Jury selected 31 finalists.

More details on these projects can be found on the Inforegio website:

http://ec.europa.eu/regional_policy/index_en.htm

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doi:10.2776/39469