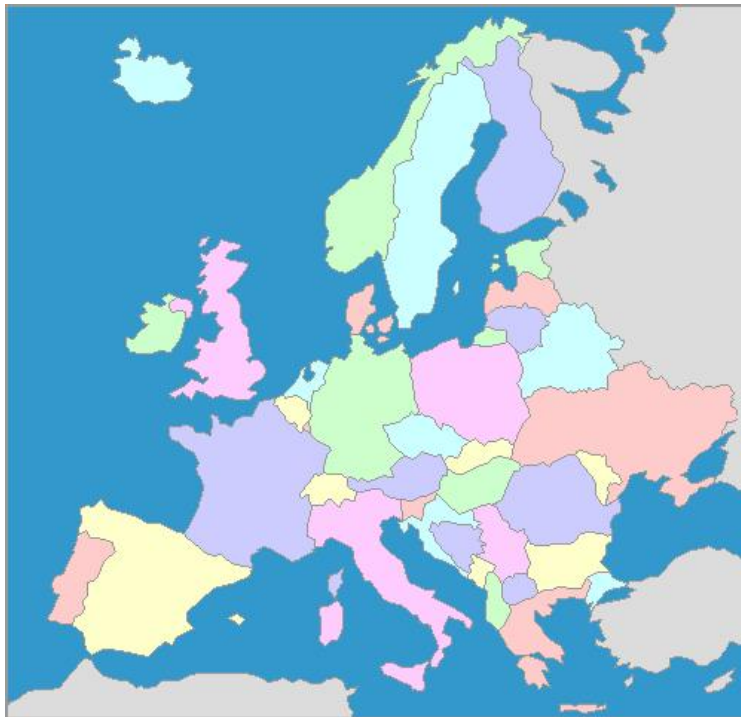




EURO PERSPECTIVES FOUNDATION



ANNUAL REPORT

2009

Mission

The mission of the Foundation is to foster sustainable development in Europe and to strengthen the European integration in the Western Balkans acting as a centre for training and education, information and experience exchange and policy-making initiatives.

Objectives of the Foundation

- Enhancing European Integration and guaranteeing the sustainability of the results of the integration process;
- Supporting the competent state authorities in formulating the state policy related to effective delivery of public services and implementation of European policies;
- Drawing expert potential for the development and implementation of successful practices for public and private investments;
- Development and implementation of models for successful partnerships;
- Promoting innovation and economic development to improve the competitiveness and employment throughout the European space;
- Improving public services in health care, education, science, culture, technology and public and social infrastructure;
- Contributing to environmental protection, sustainable use of natural resources and preventing risks;
- Enhancing sustainability and public visibility of protected areas;
- Improving mobility, sustainable territorial and information society accessibility;
- Promoting sustainable urban development;
- Development and affirmation of civil society;
- Protecting human rights, support for social integration and personal realization of man;
- Support of youth initiatives;
- Mobilizing EU resources to address the global development gap.

Foundation activities

- Distribution of information and know-how, including new methods and approaches;
- Investigation, analysis and development of policies/strategies/programs/plans;
- Design, organization and delivery of education and training;
- Setting mechanisms and systems for partnership and networking;
- Holding and supporting the participation in international, national and regional experience exchange events and campaigns;
- Supporting community initiatives, related to the sustainable use of natural resources;
- Offering financial and technical assistance;
- Working on behalf of and supporting the authorities at all levels, the non-profit organizations and the business in fundraising;
- Development, implementation and/or funding of projects, including demonstration projects;
- Lobbying and advocacy;

- Supporting the coordination, information and experience exchange in operating together with state, regional and municipal bodies, non-profit organizations, commercial enterprises, the academic community and society in general;
- Organizing and holding discussions, seminars, round tables, fora, public hearings and other forms of public/stakeholder consultations;
- Other activities not forbidden by law.

Bodies of the Foundation

The Foundation is defined as an organization, which will perform activities in general interest in conformity with the text and requirements of Art.2 and Art. 38, par. 1 of the Law on Juridical Persons practicing Non-profit Activities (LJPNA). The Foundation complies with the requirements of the EU for Public Equivalent Body according to DIRECTIVE 2004/18/EC of 31 March 2004 on the coordination of procedures for the award of public works contracts, public supply contracts and public service contracts.

Supervisory Board

Mariya Mihailova Basheva, representative of Regional Governor – Gabrovo Region, chief expert Protocol and PR

Ralitsa Genkova Manolova, representative of Regional Governor – Gabrovo Region, chief expert Regional Development and Spatial Planning

Mihaela Tohomirova Stoyanova, representative of Regional Governor – Gabrovo Region, senior expert Regional Development and Spatial Planning

Anton Hristov Stanchev, representative of the Ministry of Environment and Water, Central Balkan National Park Directorate, chief of department Monitoring and Protection of Resources

Diana Veselinova Terzieva, representative of the Ministry of Environment and Water, Central Balkan National Park Directorate, chief of section Interpretation and Tourism

Assoc. prof. Konstantin Borisov Trichkov, representative of the Mining-Geological University “st. Ivan Rilski”, Manager of the Complex Centre for Training and Qualification

Assoc. prof. Velichka Kirilova Angelova, representative of the Mining-Geological University “st. Ivan Rilski”, Department Automation of the Mining Production

Gergana Petrova Gencheva, representative of TIME – Ecoprojects Foundation, Executive Director

Vladimir Tomov Tomov

Zlatina Dimitrova Mihailova-Karova

Raina Ivanova Karcheva

Tzvetan Marinov Nanov

Managing Board

Prof. Ivan Vladov Milev

Veslava Petrova Abadzhieva

Nikolaos Petropoulos

Executive Director

Kamen Konstantinov Chipev

THE PROJECTS WE WORK ON

„MORE4NRG”

financed by ERDF via the INTERREG V Programme of the EU
Project number 0006R1

Area of action: local policies in the field of energy efficiency and renewable energy sources (EE and RES)

Partners:

Lead partner is Province of Flevoland (The Netherlands). The other partners are: Province of Noord-Brabant, The Netherlands; County Council of Norrbotten and County Council of Västernorrland, Sweden; Maramures County Council and Prahova County Council, Romania; Region Abruzzo and Lazio Region, Italy; Valencia Agency of Energy, Spain; Assembly of European Regions and Western Greece via Georama and EPF with the Gabrovo Region.

Start: September 2008

End: September 2011

Status: on-going

Team and experts in Bulgaria:

Kamen Chipev

Manol Manolov

Mihaela Stoyanova

Ralitsa Manolova

Stoyan Faldzhiiski

Tihomir Nedyalkov

Veleslava Abadzhieva

To reduce the effects of climate change and prepare for the decline of the oil-age, European regions play a key role in promoting, developing and implementing renewable energy sources (RES) combined with energy efficiency strategies. Many EU regions are taking action in this field, defining specific objectives and action plans to improve the use of RES and energy efficiency in their area. 86 European regions have signed the Declaration “European Regions for Energy efficiency and Renewable Energy Sources”, initiated by the Association of European Regions (AER) in 2006. Among them are 8 Bulgarian municipalities: Svilengrad, Minralni Bani, Madzharovo, Sliven, Haskovo, Chepelare, Dimitrovgrad and Region of Haskovo. In the wake of this declaration 11 EU partners joined forces with the AER in this project.

Main project activities:

1. Kick-off meeting
2. 7 regional experience exchange events
3. Development of specific studies on the good practices and legislative, institutional, financial and market conditions for the development of EE and RES sector at regional level.
4. 5 peer reviews among which 1 in Gabrovo Region with the participation of experts from Valencia, Spain, Västernorrland, Sweden, Lazzio, Italy and Western Greece.
5. Development of 5 regional action plans including for Gabrovo Region
6. Joint project newsletter

7. Joint project website accessible also in Bulgarian language
8. Project Brochure
9. DVD
10. Compilation of good practices
11. Final Conference

Implemented in 2009:

The start of the project was marked by the Kick-off meeting during 19-23 November that took place in Norbotten, Sweden. It included first meeting of the project Steering Committee and involved clarification of project management, partnership network, types of activities and procedures, development of technical and financial documentation, monitoring and reporting.

EPF representatives participated in two of the state-of-art seminars – in Sweden and Spain as well as in the Steering Committee and Monitoring Committee meetings that took place in May 2009 in Valencia, Spain.

The National Conference “Fostering EE and RES in Bulgaria and Gabrovo Region:” took place on June 22, 2009 in Gabrovo. More than 70 participants attended the event representing diverse public authorities, NGOs and business. Nine lecturers contributed to the Conference theme.

In September 2009 four representatives of EPF participated in the third Steering Committee and Monitoring Committee meetings and the thematic conference of the AER. They took place in Sundsval, Sweden. The following themes were covered: climate change and impact on energy – convert a cause into solution; EE good practices from Valencia; intelligent energy in the north – campaign for behavior change in public sector; passive houses, cooling by solar energy, EE policies in Lazzio, etc. Two unique field visits were part of the programme – waste-to-energy plant and Regional Hospital cooling with snow.

Peer review in Gabrovo took place during the period 9-12 November 2009. Ten experts from the partner region from Greece, Sweden, Italy and Spain visited the region. The goal of the peer review was to assess the RES potential for electricity production, to assess the needs for implementation of EE measures and outlining major steps into the development of regional energy strategy. The preparation for the peer review and as part of the project 2 major studies were developed – on the solar potential of Gabrovo region and on legislative, institutional, financial and market conditions for the EE and RES development in Bulgaria and Gabrovo. During the visit the international experts shared tens of practices and examples for innovative solutions applied in their countries. Bulgarian experience was also presented. Discussions involved possibilities for attracting foreign investors in the field and initiatives for fostering the development of the sector. The key element of the peer review programme was the round table named “Gabrovo Region possibilities in the field of EE and RES.

During the project Internet site was started in Bulgarian language www.europerspectives.org/more4nrg and in English language www.more4nrg.eu. The website contains information on all key events and participants. The websites are regularly updated to present all materials, periodical newsletters (6 months) and presentations related to the project implementation, the developed investment tool that is still under discussion. EPF produced and published project leaflet in Bulgarian language presenting the project objectives and activities. More than 20 publications in the press and electronic media reflect project activities.

SEE-IFA Network
South-East European Cooperation of Innovation and Finance Agencies
financed by the South East Europe Transnational Cooperation Programme of the EU
INTERREG IVB
Project number SEE/A/202/1.2/X

The new SEE-IFA Network project (www.see-ifa.eu) starts from a core group of already existing cooperation partners addressing innovation and technology support for micro, small and medium sized companies (MSME). MSME in SEE are facing structural deficits. Thus, stimulating innovative entrepreneurship with an appropriate range of instruments is one of the most important challenges for the countries from the region.

Area of action: support for SMEs in areas related to innovation and new technologies

Partners – the project unites 11 partners from 10 countries in SEE

Austria – Austria Wirtschaftsservice, AWS – Lead Partner, public structure for promotion of innovation and competitiveness

Bulgaria – Euro- Perspectives Foundation, public equivalent body aiming to promote regional cooperation and regional cohesion - www.europerspectives.org

Italy - Finlombardia – Consultancy Agency for innovation and technology promotion

Greece – Georama – Regional Consultancy Agency

Hungary – TETALAP – Hungarian Science and Technology Foundation

Italy – Regione Veneto Industry Department, public structure

Romania – AMCSIT – Management Agency for Scientific Research, Technology Transfer and Innovation

Slovenia – SID, Slovene Export and Development Bank

Macedonia – University St Cyril and Methodius, Faculty of Mechanical Engineering

Croatia - AZRA, Varazdin County Development Agency

Serbia – RDA Banat, Regional Agency for Socio-Economic Development Banat

Start: 11 March 2009

End: 31 December 2011

Status: on-going

Team and experts in Bulgaria:

Raina Karcheva

Veslava Abadzhieva

Zlatina Karova

Georgi Mihailov

Julieta Hubenova

Vihra Andonova

Vladimir Tomov

Overall Objective

Strengthening the IFA project partners capacity for effective provision of innovation and technology support to MSME through the establishment of a platform for know-how-transfer and by concrete joint action. Innovation and development of technologies are of crucial importance for the competitiveness of companies and regions, building the basis for future growth.

Specific Objectives

1. Identify needs and gaps in all SEE-countries in the region's capacity for a more effective provision of innovation and technology support to MSME
2. Improve the exchange and transfer of know-how through the assessment of existing instruments and the identification and modification of transferable elements
3. Enhance the operating environment through the identification of funding possibilities and the development of a patent and license Fund
4. Assist IFA partners and relevant bodies in the establishment of Innovation & Finance Agencies with adequate portfolios for innovation and technology support
5. Increase capacity of local actors and experts through mentoring, training, exchange schemes and visits

Target group

Primary target group – operators of Innovation and Finance Agencies (IFAs) at regional and national level; secondary target group – innovative SMEs and their business support actors; intermediate target group – public bodies with an important framework role in provision of technology and innovation - Universities, research centers

Expected results

- ✓ Enhanced mutual learning of IFA actors in the region and mobilized local stakeholders
- ✓ Needs and Gap Analysis developed based on common methodology and common standards
- ✓ Financial instruments developed by designing at least one transferable instrument to stimulate innovation & technology in MSMEs
- ✓ New transnational Patent & License Fund designed to stimulate transfer of knowledge and technology (patents, licenses, research results, utility models, know-how)
- ✓ New Innovation & Finance Agency set up - 2 pilot actions carried out
- ✓ Capacity building activities implemented via train-the-trainers programme, exchange programme
- ✓ An advanced tool developed to increase visibility - SEE Innovation portal established

Main activities

- ✓ To develop and animate Innovation portal and web content
- ✓ To draft Country Assessment Synthetic Report based on common benchmarks
- ✓ To elaborate Good practices models and to guarantee its dissemination
- ✓ To develop financial instruments to support innovation and transfer technology in MSMEs – drafting decision making guidelines, pilot activities implementation
- ✓ To set up a SEE-trans-border Patent & License Fund – feasibility studies, assessment of fund availability, recommendations
- ✓ To set up a new Innovation & Finance Agency – design of IFA portfolio and instruments, marketing
- ✓ To provide training activities for stakeholders
- ✓ To set up a Local Support Group/LSG in order to guarantee the national support and the multiplier impact

Implemented in 2009:

The activities in 2009 were concentrated in 4 Components – C1 Management; C2 Communication and Information, C3 Analysis ad C5 The Fund

C1 – EPF formed project team. The system for continuous monitoring and reporting was developed. Potential beneficiaries were identified and systematic links were established with their representatives with the aim of setting-up National Support Group for the project.

EPF representatives Mr. Raina Karcheva attended the Kick-off meeting in Vienna, July 10, 2009 and the Second Working Meeting in Bucharest, November 24-25, 2009. Presentations were made related to EPF and results achieved during the project first reporting period.

C2 - EPF team contributed to the development of the Project Communication Strategy producing a draft of a national communication strategy, based on analysis of the expectations of the potential members of the target groups.

During specialized meetings dedicated to cooperation between universities and SMEs EPF team members presented the project and its objectives. In principle EPF has clear understanding that the best approach to achieve the objectives of the project is to attract the attention of the entire public and private community related to innovations and their application in SMEs. Numerous meetings were devoted to this ambition.

The National Support Group (NSG) was built during October and November. The mission of the Group is to support the project implementation in Bulgaria, to analyze the achieved results and multiply the effects. The first meeting of the NSG took place on November 23 as art of the European Entrepreneurship Day. It was attended by 30 participants representing public and private institutions and business organizations that assessed this formula for promoting the project and expressed their willingness to expand and further develop project products.

C3 - Team and experts contributes to the development of the National Study on the state of the policies in support of innovation for SMEs and functioning of adequate financial instruments. EPF systematically presented information materials on the preparatory phases based on the common project methodology:

1. Conducting interviews (total 14) with representatives of public and private institutions aiming to identify strengths and weaknesses in the current policy, its potential and bottlenecks.
2. Development of study of the institutional and legal framework for supporting innovative SMEs, financial instruments, good practices.

In the framework of this component EPF actively participated in the development of the common methodology of the national studies and their elements – interview model, model for study the institutional and legal framework, draft Synthesis Report on the state of policies in support of innovative SMEs and functioning of adequate financial mechanisms.

C5 - During this reporting period started the preparatory action for the development of the Fund – instrument for stimulating the regional cooperation in the field of patents and licenses. EPF presented its desk research on the current instruments in the field on national level.

There is substantial obstacle with the project implementation due to the fact that Bulgaria did not sign the Memorandum of Understanding with the Managing Authority for the Programme. As a result the financing of the projects with Bulgarian partners is blocked.

PLAN4ALL European Network of Best Practices for Interoperability of Spatial Planning Information

financed by the Multiannual Community Programme to make digital content in Europe more accessible, usable and exploitable – *eContentplus*
Project Number 318007

The strategic focus of Plan4all underlines the interest in the support of spatial planning information sharing throughout Europe among different levels of administration and also between administrations, citizens and businesses. It is also evident that some areas within Member States already have the necessary infrastructure for spatial planning SDI and have already responded to new and emerging opportunities. Identification of such areas and the examination of how they use, or can use, spatial planning SDI to drive local change is a necessary and integral part of the work.

Area of action: European level spatial planning

Partners

Partic. No	Participant full name	Participant short name	Country	Role in the project
1	University of West Bohemia	UWB	CZ	coordination, research, standardisation
2	International Society of City and Regional Planners	ISOCARP	NL	evaluation, standardisation, dissemination, analyzing
3	Statutarni mesto Olomouc	OLOMOUC	CZ	content provider, testing, validating
4	Technology Development Forum	TDF	LV	analysing, testing, content provider, validating
5	Help service remote sensing s.r.o.	HSRS	CZ	content provider, technology provider, standardisation
6	Landesbetrieb Geoinformation und Vermessung	LGV Hamburg	DE	content provider, standardisation. testing, validating
7	Stichting EUROGI	EUROGI	NL	evaluation, standardisation, dissemination, analyzing
8	Bauska District Council	Bauska DC	LV	content provider analysing, testing, validating
9	Provincia di Roma	PROVROMA	IT	content provider, analysing, testing, validating
10	Fondazzjoni Temi Zammit	FTZ	MT	content provider, analysing, testing, validating
11	GEORAMA	GEORAMA	GR	content provider, analysing, testing, validating
12	Navarra de Suelo Residencial S.A.	NASURSA	ES	content provider, analysing, testing, validating

Partic. No	Participant full name	Participant short name	Country	Role in the project
13	Hyperborea s.c.	HYPER	IT	standardisation, implementation, validating, testing
14	AYUNTAMIENTO DE GIJON	GIJON	ES	content provider, analysing, testing, validating
15	The National Microelectronics Applications Centre Ltd	MAC	IE	content provider, technology provider, standardisation
16	CEIT ALANOVA gemeinnützige GmbH	CEIT ALANOV A	AT	technology provider, standardisation
17	Asplan Viak Internet as	AVINET	NO	technology provider, standardisation
18	Dipartimento di Studi Urbani - Università degli Studi di Roma Tre	DIPSU	IT	designing, research, standardisation
19	Euro Perspectives Foundation	EPF	BG	content provider, analysing, testing, validating
20	Agentia de Dezvoltare Regionala Nord-Vest	ADR Nord-Vest	RO	content provider, analysing, testing, validating
21	Regione Lazio - Direzione Regionale Territorio e Urbanistica	Lazio	IT	content provider, analysing, testing, validating
22	Help forest s.r.o.	HF	CZ	content provider, testing, technology provider
23	AMFM GIS ITALIA	AMFM	IT	content providing facilitator, analysing, dissemination, validating, capacity builder
24	Ministry of Ecology, Energy, Sustainable Development and Town and Country Planning	MEEDAT	FR	content provider, analysing, testing, validating

Start: 1 May 2009

End: 31 October 2011

Status: on-going

Team and experts in Bulgaria:

Raina Karcheva

Steliyan Dimitrov

Overall Objective

To build a network of local, regional and national public bodies, stakeholders, ICT industry, organisations dealing with planning issues and regional development, universities and international organizations to find consensus about harmonization of Spatial Data Infrastructure (SDI) for spatial planning according to the INSPIRE Directive (<http://inspire.jrc.ec.europa.eu>) and also to contribute to standardization of related Spatial

Data Themes from the INSPIRE Annexes. The project **Plan4all** (<http://plan4all.eu>) will focus on the harmonisation of spatial planning data based on the existing best practices in EU regions and municipalities & the results of current research projects and will be an open network, which will cooperate also with other organizations, bodies and with related projects.

Specific objectives

- ✓ To implement INSPIRE principles in spatial planning practice (The INSPIRE initiative intends to trigger the creation of a European spatial information infrastructure that delivers integrated spatial information services to the users)..
- ✓ To harmonise and improve interoperability of spatial planning data sets.
- ✓ To increase of network services sharing
- ✓ To facilitate cross border use and data integration.

Target group

Information users & information producers, national & local authorities

Expected results

- ✓ European forums for SDI in spatial planning under umbrella of ISOCARP and EUROGI;
- ✓ Analysis of INSPIRE requirements and capacity building;
- ✓ Analysis of best practices in terms of organisation, collaboration, harmonisation in region;
- ✓ Recommendation for spatial planning SDI in following areas:
 - Spatial Planning Metadata profile;
 - Conceptual Data Model covering following Themes: Land cover, Land use, Utility and Government services, Production and industrial facilities, Agricultural and aquaculture facilities, Area management/restriction/regulation zones and reporting units, Natural risk zones;
 - Encoding schema for previous models;
 - Networking infrastructure design including registry, discovery, view, download, transformation, invoke spatial data, and Geo RM service;
 - Business model;
- ✓ Pilot application of ESDI for Spatial Planning;
- ✓ Four regional workshops organised by EUROGI and ISOCARP;
- ✓ One European conference under the umbrella of EUROGI and ISOCARP.

Main activities

- ✓ To develop a State of the art analysis, focused on identification of leading regional and local administration, identification of innovation challenges and a framework structure for analysing relevant technology developments and trends, analysis of technology and application developments that are relevant to spatial planning SDI needs and on analysis of standard metadata, data models, networking technologies and on analysis of user requirements on planning systems.
- ✓ To design Plan4all metadata profile – a common metadata profile for European Spatial Planning.
- ✓ To define Plan4all data model, focused on national models and their combination and

- translation into common models covered by selected INSPIRE Themes.
- ✓ To develop networking architecture in order to extend the INSPIRE networking principles for the purpose of European Spatial Planning.
- ✓ To deploy large scale testbed - aims at using existing technologies and services that are already successfully implemented and operating in some regions by the project's technical partners
- ✓ To carry out Content deployment
- ✓ To provide the quality framework for the evaluation of the outputs of Plan4all
- ✓ To carry out dissemination activities, clustering consensus building initiatives and sustainability planning

Implemented in 2009:

The main activities concentrate in three Components: C1 – Management and coordination, C2 – Analysis of the current situation in the spatial planning sector and C5 – Network architecture. The main objectives that had to be achieved could be summarized as follows:

- ✓ Establishing a system for project management and coordination
- ✓ Establishing team for implementation of the project in Bulgaria by EPF and distribution of tasks
- ✓ Development of Analysis of the current situation in the spatial planning sector – data on the institutional and legal context, identification of good practices, definition of sources of information
- ✓ Development and approval of communication plan for dissemination of project results

In this context EPF created a team of experts responsible for the project implementation in Bulgaria as part of the consortium.

EPF representatives participated in the Kick-off meeting in Prague on 14.05.2010. Two presentations were delivered – one presented EPF and the second – Bulgarian policy in the spatial planning field.

Mrs. Raina Karcheva attended the second working meeting of the Consortium in Malta October 29-30, 2009 presenting EPF contribution to project results.

EPF expert team participated in the development of the final version of the Analysis of the current situation in the spatial planning sector including data and analysis delivery under each of the four preparatory stages:

- ✓ Identification of the institutional context – regional and local structures for special planning
- ✓ Identification of the innovative challenges and frameworks for analysis of the technical achievements and trends
- ✓ Analysis of the requirements following from INSPIRE Directive
- ✓ Needs analysis of the different user groups in the spatial planning sector

The preliminary analysis under the C5 – Architecture of the network was also prepared.

ARTS&PARKS
Financed by the EU Programme Culture 2007-2013
CU7 – COOP7

Area of action: valorization of the cultural-historical heritage in protected areas

Partners:

Smolyan Municipality – Rhodope Mountains
(Umbria Region) - National Park of Monti Sibillini
(Puglia Region) - National Park of Gargano and the Prehistoric Paglicci Cave
International Summer School of European Prehistory, Italy
Municipality of Samothrace, Greece - Rhodope Mountains
Hydrobiological Institute Ohrid, Macedonia
Tourist office of Bohinj, Slovenia - planning an Experimental Archaeological Park
Euro Perspectives Foundation – Natura 2000 site “Vitata stena”, Gabrovo Region

Start: August 2009

End: September 2010

Status: on-going

EPF team:

Violeta Yaneva

Overall Objective

Raising the awareness of the local population on its historical and cultural heritage and establishing intercultural dialogue via exhibitions, demonstration of experimental archeology; restoration of ancient instruments, ceramics, jewelry, textile, animation including traditional stories following the history of the regions of the project.

Specific objectives:

- Establishing relationships among the local artists, natural specifics and artifacts
- Historical study, including collection of information on the link between human life, its material dimension and nature, as well as folklore analysis of the local community
- Identification of historical facts in the framework of cultural and archeological context and their interpretation via diverse forms of arts. Focus on the messages of each product.
- Presentation of project products to the community in the natural zones of each partner.
- Producing a documentary of the project process and presentation of its the different exhibitions, animations and events.

The itinerant artists have always been part of the cultural heritage of Europe. This project will be a synthesis among the teaching and innovations proposed by young artists on the theme of the history narration. Parks and open spaces are not only good place for sports and walks, but they also save important historical artefacts. They are the living memory. With the help of experimental archaeology young artists will tell the public, invited to the parks, about the culture and every day life of their ancestors by means of practical exhibitions, theatre

performances and others. Arts and nature are among the most easy for understanding instrument for introducing young people with different cultural identity and give opportunity for raising historical consciousness among the European citizen.

Implemented in 2009:

Euro Perspectives Foundation studied the documents and artifacts in the Natura 200 zone “Vitata stena” via accessing the archives of the National Historical Museum in Gabrovo. The focus was on the history and archeology of an ancient citadel. Partial analysis of the local folklore as regards the history of the region is made. Currently the artistic team is being formed.

**SDI - EDU for regional and urban planning,
Financed by the EU Lifelong Learning Programme – Leonardo da Vinci.
CZ/09/LLP-LdV/TOI/134010**

Area of action: education for regional and urban planning with the support of Spatial Data Infrastructure (SDI) – new and wider definition for Geographic Information Systems, including also the network technologies and ways of use of geographical data and information via Internet.

Partners from: Czech Republic, Latvia, Lithuania, Italy, Bulgaria, Greece

Start: October 2009

End: October 2011

Status: on-going

Team and experts in Bulgaria:

Steliyan Dimitrov

Kliment Naidenov

Overall Objective

SDI-EDU will develop training environment supporting spatial planners and architects in utilisation of Spatial Data Infrastructure. The training environment produced will demonstrate the utility of our approach for developing educational programmes that will increase understanding of SDI building on local and regional level and the tools used to make decisions that affect regional development. The defined content will stress awareness of environmental, economic, and social factors. As recognized by the SDI, this increased understanding will allow more informed and equitable planning.

The general objective of SDI-EDU is to adapt SDI by planners by improving knowledge about all aspects technological, data, political, legislation, but also business objective.

The SDI-EDU project will focus on building an interoperable Internet training architecture, where users will not only use training materials, texts, but also access and visualise much of the spatial data.

Deliverables and outcomes

According to the objectives of the project, there are two main outcomes. The first one will be the establishment of innovative internet based platform (webportal) for vocational training and eLearning to preset group of final beneficiaries interested in the field of regional, spatial and urban planning, GIS technologies, etc.

The platform will include components for

- Video lecturing
- URM implementation
- Tools for mobile learning
- Metadata with regional specific information
- Catalogue
- Gehosting

The second part of the SDI-EDU solution will be focused on practical education, which will share outputs from past or previous European projects like HUMBOLDT or NaturNet Redime. Its content will be represented by multimedia and geographical data, studies, and simulations that demonstrate some of the applications of planning and sustainable development. Here the aim will be to extend from knowledge at the global scale to detailed, local-scale information demonstrating aspects of planning at the level of different municipalities.

All learning materials of the project will be available via the SDI-EDU web portal, where users will find appropriate learning objects to lead them through the training process. Interaction with end users throughout the project will provide feedback to the project partners to ensure that the tools are optimized.

Main activities

The project implementation process will be divided into 7 workpackages (WPs)

- WP1 - Analysis of needs and requirements
- WP2 - Training environment design and implementation
- WP3 - Curriculum preparing
- WP4 - Practical training and validation of platform
- WP5 - Dissemination
- WP6 - Exploitation
- WP7 - Management

**Development of a University laboratory complex for promotion of
renewable energy technologies in Bulgaria
Financed by the National Scientific Fund, Ministry of Education and
Science
DRNF 02/4**

Area of action: promotion of energy efficiency and RES

Partners:

Lead partner: Applied research sector of the Sofia University
Foundation „Institute for Technologies and Development”
Euro Perspectives Foundation

Start: December 2009

End: December 2011

Status: on-going

EPF team:

Zlatina Karova

Georgi Mihailov

Overall Objective

The goal of the project is to develop scientific infrastructure which will further accelerate the progress of photovoltaic research in Bulgaria. The already high quality of research in the field of renewable energy sources (RES) and the vast academic potential of Sofia University provide profound base for the development of the project. Keeping in mind the European Union position that the RES will be the energy sources of the future, the scientific team is greatly motivated to make the Bulgarian scientific and educational community part of this future.

Specific Objectives:

1. Development of scientific infrastructure in the field of voltaics for high quality research and collecting and analyzing experimental data for the exploitation characteristics of photovoltaic panels.
2. Development of educational infrastructure ensuring high quality of education and contemporary research environment for undergraduate and graduate students
3. Development of an educational structure aiming to transfer technologies and knowledge and cultivate entrepreneurship in Sofia University students in all degree programs with connection to the field of research.

Main activities

- 6 experimental photovoltaic small-scale power sources equipped with all the necessary for scientific research measuring and diagnostics equipment
- Laboratory for applied scientific research of photovoltaic modules
- Center for high-tech entrepreneurship in the field of RES

Sofia University is responsible for the following activities:

Activity 1 - Project Management

Activity 2 - Preparation for construction of photovoltaic installations

Activity 3 - Construction and assembly works.

Activity 4 - Develop an information measurement system (IMS)

Activity 5 - Building a learning University lab to the Chemical Faculty of Sofia University „St. Kliment Ohridski”.

Activity 6 - Construction of University lab technology center in the RES of the Technology Transfer Office (TTO) of Sofia University „St. Kliment Ohridski”. Integrating micro power plants, school University lab technology center in the field of RES in IMS for research and educational purposes and conducting training Practical exercises

Activity 7 - Survey of foreign experience, training of young scientists and administration of photovoltaic in the learning process of the Sofia University „St. Kliment Ohridski”.

Activity 8 - Promotional activity and involvement in national and international networks support of photovoltaic

In this project the Euro Perspectives Foundation will have specific role in Action 7 "Study of foreign experience, training young scientists and administration of the educational process in photovoltaic of Sofia University „St. Kliment Ohridski” and partly in Action 8 "Promotion Activity and involvement in national and international networks in support of photovoltaic”.

Expected results:

- Establishing a team and successfully completed and reported project activities;
- audit the solar energy potential, using equipment purchased, and other measurements made.
- Established 6 micro power plants test with a total capacity 30KWp, each with power micro power plants 5KWp and is built on the individual technology.
- Extraction of over 30 000 KWh of electricity per year
- Established University lab Center for Technological Entrepreneurship in the field of renewable energy sources
- Functioning IMS, integrating performance data for each tested technology.
- Specialized website, which supports information and data from comparative analysis of the six technologies.
- Studied and analyzed foreign experience in University lab testing of technologies for renewable
- Complemented teaching of practical subjects: Ekochemistry , Solar Energy, Green Chemistry, Organic Chemistry, Physical Chemistry with real opportunities for testing and case studies with complete information and data management.
- A round table on renewable technologies and 1 Conference / Day of the Entrepreneur / promotion on the results of testing and trials and maintain a subscription to the international network.
- Established technology center into the field of renewable energy sources ensuring sustainability of project results and contributing to the maintenance and test operation of the existing research infrastructure and its contribution to the learning process.

**EURO PERSPECTIVES FOUNDATION FINANCIAL REPORT 2009
 PRODUCED ON THE BASIS OF AUDITED BALANCE SHEET AND REPORT ON INCOMES AND COSTS
 FOR 2009**

	thousand leva
Financial means by 01.01.2009 r. in thousand leva	7
Received financing during 2009 in thousand leva	87
Received in 2009 finances from loans, including bank interests, exchange rate differences and others in thousand leva	101
TOTAL FINANCES	195

Expenses in 2009 in thousand leva	thousand leva
Salaries	9
Social payments	7
External services, including expertise and accounting	133
Materials	0
Other services, including travel and accommodation	31
Bank expenses, interests and exchange rate differences	3
TOTAL EXPENSES	183

Finances by 31.12.2009 in thousand leva	12
Assets by 31.12.2009 in thousand leva	0