

GUIDELINES FOR CREATING AND MANAGING THE RES  
SCIENTIFIC, TECHNOLOGICAL AND BUSINESS PARKS

**MINUTES OF THE EXECUTIVE  
MEETINGS**

## **INDEX**

1. SCIENCE AND TECHNOLOGY PARKS IN THE VYSOČINA REGION.....3  
Jihlava, Czech Republic, 28.04.2009
  
2. SCIENCE AND TECHNOLOGY PARKS IN PIEDMONT .....5  
Torino, Italy, 09.10.2009
  
3. SCIENCE AND TECHNOLOGY PARKS IN THE BASQUE COUNTRY.....8  
Bilbao, Basque Country, 13.05.2010
  
4. SUSTAINABLE LIVING IN A PROTECTED LANDSCAPE, .....12  
NORTH YORK MOORS NATIONAL PARK. York, United Kingdom,  
19.10.2010

## **1. SCIENCE AND TECHNOLOGY PARKS IN THE VYSOČINA REGION, Czech Republic.**

“Opportunity for successful regional development through European experience”

Date: 28. 4. 2009, 10:45 – 16:00,

Place: Žižkova 57, Jihlava, Czech Republic

Under the auspices of the President of the Vysočina Region (Mr. Jiří Běhounek)

### **Initial Situation**

The Vysočina Region is considering building a science and technology park to develop and extend possibilities for business and innovation. Vysočina is one of the last regions in CZR (from 14 in total), together with Karlovarsky region, where up to now there is no such a science and technology park.

### **Executive Meeting**

The presentation agenda smoothly proceeded to a subsequent discussion of active representatives of the regional authority, town of Jihlava, individual presenters and other representatives of a few towns of the Vysočina Region, local Economic Chamber etc.

The goal of this meeting was namely the exchange of contacts and specific information about the possibilities of potential cooperation. Specific barriers and experience were discussed right here together with the information of how they were resolved in other TP, which was the main goal of the meeting for the representatives of the Vysočina Region who are faced with a decision of whether to start similar investment.

The representatives of Vysocina Region will continue the negotiations with relevant Czech ministries and other respective agencies to set possibilities to finance this type of investments from the Structural funds and other means. Unfortunately, the actual calls and financing possibilities are not suitable, mainly due to the necessity of a large pre-financing investment, nor there is no much experience in developing a Public Private Partnership Project in the CZR conditions in this field.

The Executive Meeting brought also interesting information to foreign participants.

They could for example visit a biogas station in Lipa, which basically saved the local farm because it would have otherwise evidently gradually ceased to exist. Waste from this farm and other waste products are currently used to make electricity from biogas and provide heating for the whole adjacent community.

After this visit, one Executive meeting took place.

**Lipa Biogas Station representatives and Peter Jones from North York Moors, National Park.**

Peter Jones from North York Moors was interested namely in the applied technology and volume and quality of waste that is necessary for this type of biogas station.

There are a lot of farms in NYMP that produce biological waste, which could be potentially used for energy production in a protected area.

There were also interesting discussions about solar heating of a local swimming-pool in Havlickuv Brod. Namely the fact of its low cost installation drove the interest of the project partners.

## 2. SCIENCE AND TECHNOLOGY PARKS IN PIEDMONT, ITALY

### **Uniamo le Energie**

“Opportunity for successful regional development through European experience”

**DATE:** 9th October 2009

**PLACE:** Uniamo le energie Program, Torino, (Italy)

The Executive meeting took place after the Stakeholders meeting at “Uniamo Le Energie” (7-11 October 2009, Torino, Italy), a big event promoted by Regione Piemonte to inform stakeholders about environmental and energetic good practices, innovative technologies and local energy policies

(<http://www.regione.piemonte.it/energia/uniamo-le-energie-2009.html>)

### **1. City of Litomerice and Environment Park**

A contact was established between one of the decision makers participating to the meeting and some of the stakeholders involved. In particular, the City of Litomerice expressed its interest to deepen and transfer the Piedmont technological parks' experience in its local regional context.

The result of this meeting, has been an official expression of interest (Memoranda of Understanding), attached.



**City of Litoměřice**  
**Mayor**

tel. +420 416 916 111  
fax. 420 416 916 211

Mírové náměstí 15/7  
412 01 Litoměřice, Czech Republic

This is to confirm that city of Litoměřice has been interested in deepening and transferring the experience through direct contacts, study tours etc. with Piedmont Region and regional Science and technology parks network.

City of Litoměřice has been also interested in getting more information about the waste management system and particularly about the waste separation plant of ACEA Pierolose, too.

City of Litoměřice is currently working on a 70 mil EUR project developing geothermal heating and power plant using an innovative technology of hot dry rock system. This project should generate some 50 MW of heat of which 5 MW will be transformed to electricity.

Geothermal project should be sort of starting point for creating a new scientific-technological park mostly focused on renewable technology and related areas that is supposed to be one of the dominant and most promising fields of scientific research and innovative technologies in the near future.

We believe in gaining knowledge, experience and innovative solutions not only in this area through cooperation with Environmental Park SpA and other scientific parks in the region as well as through visiting concrete places with already implemented technologies.

In Litoměřice 16.2. 2011

Yours sincerely

Ladislav Chlupáč  
mayor

**MĚSTO LITOMĚŘICE**

Mírové náměstí 15/7  
412 01 Litoměřice  
IČ: 00263958  
DIČ: CZ00263958  
s.r.l.

## **2. Moura Technology Park and Environment Park**

Moura (Portugal), is actually developing a Technology Park, considered as a space for the installation of economic activities, with an area about 35 ha, and properly structured to receive companies and entities capable of creating a cluster in solar energy.

Actually Moura is developing the Headquarter of the Park, which is intended to be finished by April, but apart from that Moura wants to develop a seed building, to host 10 new entrepreneurial ideas, and also laboratories dedicated to photovoltaics.

Moura Technology Park is intended to become an area with high density of high technology in the area of renewable energies, with an innovative model of land use: green spaces, sustainable building, energy efficiency and environmental respect.

The representatives of Logica, EM, the managing agency of the Technology Park, and Environment Park, Science and Technology Park dedicated to renewable energies, decided to plan an exchange of information in the framework of the project, so to help in the development of the Technology Park in Moura and learn from experiences that Environment Park has overcome.

### **3. SCIENCE AND TECHNOLOGY PARKS IN THE BASQUE COUNTRY**

Opportunity for successful regional development through European experience

Place: Bilbao Technology Park, Basque Country  
Date: 13<sup>TH</sup> May 2010

Two executive meetings took place on Thursday 14<sup>th</sup> of May 2010, after the Stakeholders meeting in Bilbao Technology Park to exchange deeper information about Energy management and evaluate the impact that the creation and development of Bilbao Science and Technology Park, has had in the Basque Country which it is located

*The Executive meetings where held separately*

#### **1. Environment Park and Labein-Tecnalia, Research Center**

*This one to one meeting between Environment Park and Labein- Tecnalia Technology Center, took part after the Stakeholders meeting, and due to the recent opening of "KUBIK": and Open Building approach for the construction of an unique experimental facility aimed to improve energy efficiency in buildings.*

Originally founded in 1955, LABEIN Tecnalia is a privately-owned technology centre working mainly with companies, which seeks to be a natural ally of firms in the marketplace and help them develop their innovation capabilities using technology to provide a competitive edge.

LABEIN Tecnalia is acknowledged as a specialist technology agent in the following markets: Automotive Industry, Construction, Energy, Environment, Iron and Steel, and Innovation Systems, and is the biggest Technology Center in Spain (workforce of

383 (as of 31/12/08); More than 1000 customers served per year; Income €32 million (2008).

At the executive meeting, two points of possible collaboration between partners were discussed, which could be summarized as follows:

On the one hand, the setting up of a R&D agreement between the two institutions on the 7th Framework Programme R&D calls on energy building, in particular, on the development of new building materials and integration of RES in building materials and integration of RES in building.

On the other hand, the transfer of knowledge from Labein-Tecnalia to Environment Park on "kubik" experience aimed to evaluate the possibility to build up a similar facility in Torino, for the benefice of enterprises members of Environment Park's R&D cluster POLIGHT.

## **2. Parque Tecnológico Moura – Bilbao Technology Park**

Moura (Portugal), has already started developing a Technology Park, managed by Logica, EM. This Business Park, wants to become a space for the installation of economic activities, with an area about 35 ha, and properly structured to receive companies and entities capable of creating a cluster in solar energy. The headquarters of the Park is actually underdevelopment, but it is intended to finish by April 2011.

Being Bilbao Technology Park, a model of successful development of a Technology Park, which has been running for the last 25 years and pioneer in Spain, seemed to be a great opportunity to learn how to overcome barriers and develop a Science and Technology Park,.

It's merely the model used by Bilbao Technology Park, which was discussed during the meeting, after which, some common points and suggestions about how to best overcome the barriers to develop a Science and Technology Park arose.

### **3. Bilbao Technology Park and City of Litomerice, CZR.**

In this meeting participated Bilbao Technology Park, through the Innovation Manager of the Park, Marian Ibarondo, and Antonin Tym, Geothermal Project manager, Department of Project & Strategies, City of Litomerice, Czech Republic.

Those are the words of Antonin Tym, after the Executive meeting.

*"City of Litomerice is currently working on a 70 mil EUR project developing geothermal heating and power plant using an innovative technology of hot dry rock system. This project should generate some 50 MW of heat of which 5 MW will be transformed to electricity. This project is situated in an area that was previously used by Czech army as barracks.*

*Nowadays, the area is mainly considered as a brownfield that is ready for new investments.*

*City of Litomerice would like to use this area for building a new scientific-technological park mostly focused on renewable technology and related areas that is supposed to be one of the dominant and most promising fields of scientific research and innovative technology in the near future. City of Litomerice would like to take the advantage of being a partner in the international Sunflower project through the Czech Healthy Cities network and use the experience of Bilbao Technology Park and its partners in creating such a complex and long-term project.*

*We believe that many of their experience and practical information would be applicable also in our small city and that we can learn from mutual cooperation. We are in a very early stage of developing this vision, however, we intend to start a real cooperation in coming months to see what should be our first steps in fulfilling our ideas and also to avoid elementary mistakes and misunderstandings.*

*We hope this international cooperation will also raise the awareness of other Czech cities in this potential source of economic development."*

Bilbao Technology Park is open to cooperate with this project and translate the experience of 25 years developing a Technology Park. Furthermore, some companies of the park might be interested in cooperate in the Litomerice project either in engineering of the plant, RES exploitation, Research & Development in common, setting up companies, joint-ventures, etc.

#### **4. EXECUTIVE MEETING IN NORTH YORK MOORS NATIONAL PARK, UNITED KINGDOM**

**Sustainable living in a Protected Landscape**

**“Opportunity for successful regional development through European experience”**

**DATE:** Tuesday 19<sup>th</sup> October 2010

**PLACE:** Raven Hall Hotel at Ravenscar in the North York Moors National Park

The executive meeting of Sunflower project in North York Moors took place just after the Stakeholders meeting on the 19<sup>th</sup> October

There were participants coming from Technology Parks, and Stakeholders from different enterprises related to Renewable Energy, Communities, and Energy groups, as well as a lot of participants coming from the North York Moors National Park.

As a lot of questions came up during and after the stakeholders meeting, there were at least 50 participants taking part altogether in the executive meeting. From these 50 attendees, and at least 43 contacts were made.

Besides, two one-to-one encounters took place between:

**1. Ms. Barbara Lalicata (Environment Park), and Ms. Cristina Andrés (Bilbao Technology Park)**

Both Environment Park and Bilbao Technology Park are engaged in projects related to Hydrogen Energy. This encounter came up specifically, after the presentation of the Zerohytechpark project in the presentation made by Bilbao Technology Park in the Stakeholders meeting.

The aim of this Project, Zerohytechpark, part of the European LIFE + Programme on the environment, is to achieve more sustainable Technology Parks, and to put measures in place to achieve total sustainability in these areas via optimum energy management by means of systems based on hydrogen technologies and renewable energies.

Saying that, It was considered that in a near future Environment Park it should be of interest for both parts to have a longer meeting in Bilbao Technology park/Environment Park, or Huesca Technology Park, where the Hidrogen Foundation of Aragon is located, to visit the installations and analyze more in depth who this project is being developed, and consider any future agreement, or joint participation in another European Project of the 7FP.

**2. Mr. Peter Walsh, from SUSPROC and Mr. Piero Mattiolo, from Energethica ONLUS.**

Peter Walsh from SUSPROC (Centre for Process Innovation) established a contact with Piero Mattiolo from Energethica ONLUS (Italy) about a project for biomethan segregation. They established an exchange of experiences and best practices for the use of food waste in biogas generation and in maintaining an appropriate quality in the separation within the waste chain.

Mr. Mattirollo is in fact involved in a project for the creation of a agro-energetic district in the North – West of Italy, with the aim of harmonize and join together the forces of agricultural and industrial business on the territory as a way to develop local economy.

Piero Mattirollo also established a contact with Dean Gregory (The Power Collective), to present in Italy their innovative wind generator presented at the stakeholder meeting.

**Acknowledgements:**

Sunflower partners would like to thank to the European Commission and EACI for their financial support.

*\*The sole responsibility for the content of this publication lies with the authors. It does not necessarily reflect the opinion of the European Union. Neither the EACI nor the European Commission are responsible for any use that may be made of the information contained therein.*