**FOLPSEC STUDY VISITS carried out under the First reporting period (P1)**

1. **Study visits organized by IEIE SB RAS**

**September 2012 (M6)**

11.09.2012 - meeting was held with representatives of the Ministry of Economyof the Novosibirsk region – with Vitaliy B. Shovtak - Deputy Minister of the Ministry of Economy of the Novosibirsk region and its employees. During the meeting the information about the problems and prospects of the Novosibirsk region was given as well as the characteristic of the major economic development projects in the Novosibirsk region. In particular, Mr. Shovtak V.B spoke about the projects of the cluster formation in the Novosibirsk region.

13.09.2012 - reception of guests of the IEIE by theDeputy Directorof theIEIE SBRAScorresponding member of RASVictor I.Suslov. During the meeting the problems of the state of research and experience of EU Member States in investigations of LPS in terms of economic, environmental and fiscal policy.

14.09.2012 – guests of the IEIE SB RAS took part in the activities of **the IV International Innovation Forum INTERRA (Interra-2012).** The main attention was paid to the concepts and practices of innovation development of economy, ecology and social services , experience of building regional industrial clusters, and discuss the modalities of innovative development of the country and its regions , the role and place in the innovative development of the country and the people , the nature of their interaction, development of best practices implementation of the system of economic management cluster agglomeration areas. Conducting in Novosibirsk International Innovation Forum "Interra" for three years, provided the positioning of the region as one of the most attractive areas in the territory of Russia for the discussion and understanding of the positions and practices of innovation development in the economy and the social sphere. The forum aims - to promote the growth of innovative activity of organizations in all sectors of the economy and the social sphere; productive interaction of scientific , educational, and industrial structures , strengthen and improve the effectiveness of public policies on innovation modernization of the economy and the social sphere , to a sustainable public opinion on the effectiveness of the processes of innovation development.

15.09.2012 - The guests took part in the direction of **"Market Competence "** ( at the site of Novosibirsk Technopark of the Akademogorodok), the key idea of which was the creation of efficient mechanisms for the integration of innovation and investment, and research and

educational institutions for productive cooperation and the formation of effective development of innovative businesses.

During the stay of the guests were visits to Institute of Economics and Industrial Engineering and discussion of the main fields of institutes research, project and activities aimed to function of the local production systems. Visits to different parts of Novosibirsk Scientific Centre, the largest one in the Siberian Branch of the Russian Academy of Science. Visit to Tour fest 2012 in Novosibirsk.

During the stay of the guests of the IEIE SB RAS some tours were organized through the city and Novosibirsk Akademgorodok. Guests visited the main sights of Novosibirsk. In particular the subjects of visits were: Novosibirsk Center for Astrophysics with planetarium, Novosibirsk local history museum, Cathedral of the Ascension, Alexander Nevsky Cathedral, Theatre of Opera and Ballet, Museum of the Institute of Geology, etc.

**May 2013 (M14)**

14.05.2013 - Visiting and studying the **Technopark’**s activities in Akademgorodok. The main goal of Technopark - the introduction of scientific research institutes of the Russian Academy of Sciences in the industry . Academpark mission - to create the best conditions for the constant generation of new and innovative development of existing businesses. Academpark - a comprehensive Technology Park, which has a unique scientific, technological and business infrastructure to create the best conditions for the generation and development of innovative companies and the successful development of the existing high-tech enterprises, the place where research and development embodied in industrial technology. Residents created in Academpark business incubator at the moment are 66 companies. They provided all the conditions to develop their ideas for improving the quality of life of people.

17.05.2013 - study visit of scientists in the company "**Clean Water".** The guests got acquainted with the peculiarities of the organization of production and sales at the company. The company "Clean Water" was established in 1998 , becoming the first company in Siberia , working in the field of HOD (home & office delivery) - delivery of bottled drinking water to your home or office . The company has come a long way , constantly developing and creating a new one. Today, it’s one of the leading manufacturers of bottled drinking and mineral water , not only in Siberia, but also in all of Russia . The company today - it's 11 regions of Siberia and the Urals , 2 industrial complex international level, more than half a million private customers , 6 assortment of products ( drinking , functional , mineral water). Production complex of Novosibirsk - the largest in the industry in Russia and Europe. The company is the sole producer of bottled

drinking water in Russia , having an international certificate of NSF International - the only recognized partner of WHO in the production of bottled drinking water. Production of pure water is known for its impeccable quality. The company provides tens of thousands of residents of the largest cities in the Republic of bottled drinking water of the highest category. The high quality of water supplied by the company, has remained unchanged for many years. Its main objective the company considers the provision of clean water stable characteristics and flavor properties of water at an affordable price. Clean Water quality - quality provided by nature, high technology, and continuous monitoring of highly qualified personnel, confirmed by an independent expert examination.

20.05.2013 - guests visited the Company "**Contact** Networkof Siberia**"** Guests are introduced to the production process at the plant, told about the main problems and approaches to their solution. Company "Contact Network of Siberia." products of energy-transport pillars for rail-road transport, energy and other economy branches. Guests are introduced to the production process at the plant, told about the main problems and approaches to their solution.

21.05.2013 - the guests visited the NovosibirskCenter for Astrophysicswith planetarium and watched two films, and became acquainted with the principle of operation of the Tower of Foucault. Planetarium – Novosibirsk with star-chamber is equiped with modern projection equipment, able to create an integrated image of the hemispherical cupola with diameter of 16 meters. Programmes with both scientific and popular content are organized in this chamber. There are two observatories with powerful telescopes made in Siberia.

23.05.2013 - guests visited the Novosibirsk Zoo. The meeting with the director of the Novosibirsk Zoo R.A. Shiloh, who spoke about the history of the Zoo, its current challenges and achievements, as well as prospects. Meetings are held the deputy director of the IEIE SB RAS Yuri Migulev.

23.05.2013 - During the stay in IEIE Deputy Director of the IEIE SB RAS prof. SelivyorstovV.E. had meeting with the guests. During the meeting the problems of the state of research and experience of EU Member States in investigations of LPS in terms of economic, environmental and fiscal policy. V.E. Selivyorstov acquainted the guests with the history of the birth of economic science in Siberia, the problems that are under investigation in IEIE Russian Academy of Sciences, spoke about the challenges, achievements and prospects of the Novosibirsk region.

24.05.2013 - the guests visited theSchoolnumber162 in Akademgorodok (municipal budget educational institution of Novosibirsk secondary school number 162 with in-depth study of the

French language). Director of the school Anna M. Leontieva, candidate of philological sciences, received visitors. High school number 162 was opened in 1961. In 1976 he received the status of the school with advanced study of French. Involved in this event was French President Charles de Gaulle visited Akademgorodok an official visit. In conversation, it became clear that beyond the Urals no specialized school , where in-depth study would be French. The idea to create such a school was seized . At the initiative of the Novosibirsk Branch of the USSR - France, the head of which was the president of the Academy of Sciences of the USSR Academy of GI Marchuk , the school received the status of a specialized school with advanced study of French language and has become one of the "business cards" Akademgorodok. 162th French School that works in cooperation with Akademgorodok’s Geological Institute in the early orientation of pupils in the field of Geology and for continuing education in relevant specialities;

29.05.2013 – study visit of the **Novosibirsk Research Institute of Blood Circulation Pathology**, named after the academician E. N. Mechalkin. Created in the late fifties of the last century, was among the first institutions of the Siberian Branch of the Academy of Sciences of the USSR, the Institute is today one of the largest multi-disciplinary scientific, clinical and educational institutions specialized care of the Ministry of Health of Russia. Thanks to government funding at the Institute set up and operate modern powerful diagnostic and therapeutic services. In addition to the cardiovascular surgery develops oncology, neurosurgery, pediatrics, obstetrics and gynecology, transplantation. Our experts perform all the existing types of operations on the heart and blood vessels, including the intervention in disorders of cerebral circulation, heart transplantation and other organs, surgery radiosurgical and radiation therapy combined cardiovascular and oncology, angionevrologicheskoy and oncological diseases, including hard-to-tumor brain and nervous system. Assistance in these areas get people from all regions of Russia.

30.05.2013 - Visit at the **Geological Museum** attached to the Geological Institute in Akademgorodok. A museum was opened in July 1958 The most interesting specimens are placed in numerous showcases ten stone panels and paintings, large lumps ( 40-700 kg) exhibited on special pedestals.

30.05.2013 - a reception by the Head ofAdministration of the SovietDistrict of Novosibirsk**, V.A.** Shvartskopp**.** During the meeting the information about the problems and prospects of the Soviet District of Novosibirsk Region and the characteristic of the major economic development projects in Akademgorodok was delivered. V.A. Shvartskopp presented the long-termed program entitled: “State Support for the Overall Development of the Soviet Region of the Town of Novosibirsk and of the Scientific Centres of the Siberian Branch of the Russian Academy of Science 2012-2016. – Annex.

**May 2013 (M14)**

26.05.2013 – study visit to the **Novosibirsk State University of Economics and Management** (NSUEM) was organized. Guests took Vice Rector NSUEM Professor Nataliya Ovechkina, who spoke about the history, present and future of the university. The guests visited the new building of Serials (№ 5 ), including the auditorium, a library, sports facilities, including a swimming pool. There is also acquainted with the work of the selection committee. Today NSUEM represents a major educational, scientific and scientific- methodical education, bringing together all levels of training and re-training: pre-university, university and post-graduate .

27.05.2013 – study visit to the **Novosibirsk** **plant PCB "Elektrokonnekt"** - Russia's largest enterprise specialized in urgent and mass production of printed circuit boards. The plant produce printed circuit boards in an amount from one PCB to the regular large series of PCBs. A wide range of techniques can create the printed circuit board 1 to 10 layers and higher quality and standards. PCB manufacturing, assembly and installation is made in accordance with the quality management system. On receipt of the certificate of quality was not the case of the suspension of its action. All products are subject to visual and optical control after key process steps and in the final stage. The distinguishing feature of the company - high speed and quality of execution of orders. This is achieved by the use in the production process of advanced technology and experience of sustainable , friendly team of professionals. More than 2,000 Russian customers from St. Petersburg to Vladivostok, over 4000 square meters. meters of its own production facilities in Novosibirsk Akademgorodok, offices in St. Petersburg, Moscow, Rostov, Perm, Yekaterinburg. Born firms - autumn 1991 on the basis of a small experimental plot of printed circuit boards of the Institute of Automation and Electrometry.

**June 2013 (M15)**

21.06.2013 – study visit to **Center of New Information Technology** and **Novosibirsk Technopark**. Guests are introduced to issues related to the administration of appropriate facilities and demonstrated their capabilities in the field of innovation. The main goal of industrial park - the introduction of scientific research institutes of the Russian Academy of Sciences in the industry. Academpark mission - to create the best conditions for the constant generation of new and innovative development of existing businesses. Academpark - a comprehensive Technology Park, which has a unique scientific, technological and business infrastructure to create the best conditions for the generation and development of innovative companies and the successful development of the existing high-tech enterprises, the place where research and development embodied in industrial technology. Residents created in Academpark business incubator at the moment are 66 companies. They provided all the conditions to develop their ideas for improving the quality of life of people.

**July 2013 (M16)**

01.07.2013 – guests visited the **Museum of the Institute of Geology and Mineralogy** of the Siberian Branch of the Russian Academy of Sciences. The museum is working hard towards the promotion of geological knowledge. Over the years of its existence is visited by about 600,000 visitors. A museum was opened in July 1958 The most interesting specimens are placed in numerous showcases ten stone panels and paintings, large lumps ( 40-700 kg) exhibited on special pedestals. The main fund of samples stored in racks in the exhibition halls, stock collection - in two special core storage facilities . Mineralogy is a systematic collection of samples from 50 countries and all regions of Russia. It has 1,000 mineral species (total number of exhibits - about 20 thousand).

02.07.2013 – a study visit to **the company "Clean Water".** The guests got acquainted with the peculiarities of the organization of production and sales at the company. Company was established in 1998, becoming the first company in Siberia, working in the field of HOD (home & office delivery) - delivery of bottled drinking water to your home or office. The company has come a long way , constantly developing and creating a new one. Today , we are one of the leading manufacturers of bottled drinking and mineral water , not only in Siberia, but also in all of Russia . The company today - it's 11 regions of Siberia and the Urals , 2 industrial complex international level, more than half a million private customers , 6 assortment of products ( drinking , functional , mineral water). Production complex of Novosibirsk - the largest in the industry in Russia and Europe. The company is the sole producer of bottled drinking water in Russia , having an international certificate of NSF International - the only recognized partner of WHO in the production of bottled drinking water. Production of pure water is known for its impeccable quality. The company provides tens of thousands of residents of the largest cities in the Republic of bottled drinking water of the highest category . The high quality of water supplied by the company, has remained unchanged for many years. Its main objective the company considers the provision of clean water stable characteristics and flavor properties of water at an affordable price. Clean Water quality - quality provided by nature, high technology, and continuous monitoring of highly qualified personnel , confirmed by an independent expert examination .

1. **Study visits organized by UL**

**June 2012 (M3)**

12.06. 2012 **-** Study visit in Lodz Special Economic Zone. Study visit was aimed at presenting SEZ's effort of attracting investors and stimulating cooperation between them. Participation of researchers from TNEU and UL.

**July 2012 (M4)**

06.07.2012 Visit of the tourist complex in Uniejow and Health Center of Poddębice - case study of stimulating local development through extraction and processing of geothermal water(with the support of ERDF). Participants rom TNEU, IEIE SB RAS, UL

09.07.2012 **-** Study visit in Technology Transfer Center and Technology Accelerator of University of Łódź, aiming at presenting processes concerning cooperation between R&D and business on the regional and metropolitan level. Participation of researchers from TNEU and UL.

12.07.2012 - Visit of the tourist complex in Uniejow and Health Center of Poddębice - case study of stimulating local development through extraction and processing of geothermal water(with the support of ERDF). Participation of researchers from TNEU and UL.

**July 2013 (M16)**

27-28.07. 2013 - Visit of main development areas of the city of Łódź - changing landscape of the post-industrial city into creative city and transport center of Poland. Participants from TNEU, NSU, UL

**August 2013 (M17)**

05.08.2013 - Visit of Technology park in Toruń, its main companies, as well as the center of Toruń as a capital of Kujawsko-Pomorskie region (in order to show the specificity of development of other region than Łodzkie region). Participants from TNEU, NSU, IEIE SB

09.08.2013 - Visit in regional authorities of the łódzkie voivodship in Łódź in order to present: 1. Contemporary issues and challenges of the regional development – case of the łódzkie voivodship; 2. System of financing regional development – example of the łódzkie voivodship). Participants from TNEU, NSU, IEIE SB RAS, UL

12.08.2013 - Study visit in the Polish Agency of Enterprise Development (PARP) in Warsaw– presentation of the Polish system of supporting small and medium seized enterprises and cluster initiatives. Participants from TNEU, NSU, IEIE SB RAS, UL

14.08.2013 - Study visit in Łódź Special Economic Zone and one of its enterprises. . Study visit was aimed at presenting SEZ's effort of attracting investors and stimulating cooperation between them. articipants from: TNEU, NSU, IEIE SB RAS, UL

1. **Study visits organized by UNWE**

**May 2012 (M2)**

14.05.2012 Visit at the industrial cluster in the town of Sevlievo (Ideal Standard – Vidima AD). Participants from: IEIE SB RAS, NSU, TNEU, UNWE

**July 2012 (M4)**

17.07.2012 - Visit at the wine cluster in the town of Pleven and the Institute of Viticulture and Enology. Participants from: TNEU, UNWE

**August 2012 (M5)**

22.08-25.08.2012 - Visit at the touristic cluster of the town of Sozopol. Participants from IEIE SB RAS and NSU

**June 2013 (M15)**

10.07. – 13.07.2013 - Visit at the touristic clusters of the towns of Nessebar and Sozopol. Participants from NSU

**July 2013 (M16)**

6.07.2013 - Visit to the Park of Vrana and its unique flora. Participants from: IEIE SB RAS, NSU and UNWE

11.07.2013 - Visit at enterprise within the wine-cluster in the village of Ognianovo; Visit at the enterprise within the shoe industry cluster in the town of Peshtera. Historical sigh seeing. Participants from: IEIE SB RAS, NSU and UNWE

15.07.2013 - Visit at the Boyana Film Studio. Participants from: IEIE SB RAS, NSU and UNWE

16.07.2013 - Visit at the enterprise for production of PVC joinery with research laboratory attached Sofia. Participants from: IEIE SB RAS, NSU and UNWE

17.07.2013 Visit at the Damastzena perfume-industry enterprise near by the town of Kazanlak; Visit at a wool enterprise near by the town of Kazanlak. Participants from: IEIE SB RAS, NSU and UNWE

**September 2013 (M18)**

03.09.2013 - Visit of touristic clusters in the Gabrovo region (Sokolski monastery, Architectural and Ethnographic Complex Etara, House of Humor and Satire). Participants from: NSU and UNWE.

1. **Study visits organized by UMB**

**February 2013 (M11)**

12. 2. 2013 – Study visit of LPS in Detva was aimed on visit of local production system in the region of Banska Bystrica, collecting data about LPS and researching this topic. Study visit in Detva included a visit of following subjects: visit of bio symbiosis LPS in Detva aimed on environmental and innovative production of energy; visit of LPS Agrosev aimed on food production; visit of local active group Podpoľanie; visit the local Colony of Artists. Participants from NSU and UMB. The result of this visit is a joint scientific paper written by participants from UMB and NSU (Kamila Borseková, Katarína Petríková from UMB and Inna Blam from NSU).

14. 2. 2013 - Study visit was aimed on the visit of the municipality Slovenská Ľupča which is the seat of LPS with the dominant company aimed on steel production – Podbrezovske zeleziarne. This LPS employs most of the population in this area and has a huge influence on local and regional development. The collected data will be used in the second monograph of the project, which is practical oriented. Participants visited castle of Slovenská Ľupča owned by this company. They researched unique approach of protecting cultural and historical heritage and its developing by private funds. Discussion about the support of company in the development activities in region was included in this study visit. Participants from NSU, UL and UMB.

**August 2013 (M17)**

15.8.2013 - Study visit in the municipality Očová was aimed on importance of cooperation for creating and functioning of LPS. This study visit included meeting and discussion with the mayor of Očová about the cooperation among private, public and non-profit subjects in this municipality and discussion with the local producers involved in LPS (Podpolianske železiarne, local craftsmen, etc.). Visit of local craft house and Museum of Matej Bel was included. During this visit participants also visit ancient wooden church in Hronsek written in UNESCO world cultural heritage list. Participants discuss about the support and importance of UNESCO organization and this brand for protecting cultural and historical heritage and also about its meaning for local development. The collected data will be used in the second monograph of the project, which is practical oriented. Participants from TNEU and UMB.

**September 2013 (M18)**

25.09.2013 - Study visit aimed on visit local brewery Steiger in Vyhne, as a dominant subject in the local production system aimed on bier production. This brewery was established 540 years ago, has special history and tradition. The most of ingredients are from the region where company is seated, produced by local suppliers creating LPS. Participants also met and discussed with the mayor of Banská Štiavnica

about the cooperation with the subjects from private, public and non-profit sector in the city and about UNESCO support and advantages for development of the city with huge historical and cultural heritage. The collected data will be used in the second monograph of the project, which is practical oriented. Participants from IEIE SB RAS, UL and UMB.

1. **Study visits organized by TNEU**