

Barents Euro-Arctic Energy Working Group – Nordic Council of Ministers

Workshop:

“Energy Efficiency Centres, Agencies and ESCOs – how could different actors contribute to increased investments in energy efficiency and renewables?”

Arkhangelsk 19 February 2014

Background

In most Russian cities and municipalities, there is a significant potential for increased energy efficiency in municipal buildings such as schools, hospitals, kindergartens, offices, apartment buildings, etc. Furthermore, the energy costs constitute a substantial part of the Municipal budget.

Profitable economic savings can also be achieved by introducing renewables at boiler plants in district heating systems, and by renovating the heating systems and adopting best-practice solutions and technologies.

Reducing the energy consumption and increasing utilisation of renewables will reduce the emissions to the air from district heating systems. This can also have a significant impact on stabilizing energy tariffs for the local population, preventing energy poverty and improving local energy security.

For a number of years, local Energy Efficiency Centres have developed and supported implementation of several projects, and thus gained a lot of experience and knowledge that can be further utilised and disseminated.

Due to increased federal focus on energy efficiency and utilisation of renewable energy sources, regional “agencies” have been established, aimed at playing an instrumental role in the further development of the market.

Financing is often considered to be a barrier for large scale realisation of projects on energy efficiency and utilisation of renewable energy sources. In addition to traditional loan financing, use of ESCO’s (Energy Service Companies) taking care of development, implementation and operation of such projects is an interesting solution used in a number of countries. There is an increasing interest for this also in Russia, but there is a lack of experience.

Another challenge, because of new persons in key positions in regional and municipal authorities, is lack of local awareness, capacities and skills about possibilities and benefits of energy efficiency and renewables and how to develop, finance, implement and operate new projects.

Workshop

The above provides the rationale why the Barents Euro-Arctic Energy Working Group (financed by the Nordic Council of Ministers) is organising this Workshop in Arkhangelsk on **“Energy Efficiency Centres, Agencies and ESCOs – how could different actors contribute to increased investments in energy efficiency and renewables?”**.

Target Group

The main target group for the Workshop is decision makers in Russian municipalities in Northwest Russia, local energy experts, consultants and project developers and representatives of banks and financial institutions that can provide financing for local projects on energy efficiency and renewable energy.

Pur-Navolok conference hall (with simultaneous translation)

Chairman: Johan Vetlesen, Co-chair of the BEAC Energy Working Group

Time	Title	Speaker
08.30	Registration of participants	
09.00	Welcome/opening addresses	
09.10	Barents Euro-Arctic Energy Working Group, history and plans	Johan Vetlesen, Norwegian Ministry of Petroleum and Energy
09.25	Trends and development on Energy Efficiency and Renewables in the Nordic countries	Representative of Nordic Council of Ministers
09.40	Federal policy, priorities and requirements to energy efficiency and renewables	Ministry of Energy RF
09.55	Energy efficiency and renewables in Arkhangelsk, today's situation and future plans	Presentation by regional representatives
10.10	Energy efficiency and renewables in xx, today's situation and future plans	Presentation by regional representatives
10.25	Questions/discussion	
10.50	Coffee break	
11.10	Arkhangelsk Oblast Energy Efficiency Centre (AOEEC) – what we can offer to local projects/project owners	E. P. Eremeeva, Executive Director, AOEEC
11.25	JSC “Regional Energy Saving Centre” Arkhangelsk – what we can offer to local projects/project owners	
11.40	XX Regional Energy Efficiency Agencies – what they can offer to local projects/project owners	
12.55	Financing of energy efficiency and renewable energy projects, what can be offered by NEFCO	Henrik Forsström, Senior Advisor, NEFCO
12.15	RuSEFF Residential -	
12.30	Questions/discussion	
13.00	Lunch (Pur-Navolok)	

Chairman: I.V. Godzish, Co-chair of the BEAC Energy Working Group

Time	Title	Speaker
14.00	Energy Performance Contracting – challenges and possibilities, roles and responsibilities for the various stakeholders	ENSI
14.20	The ESCO market in Estonia/Baltic countries, experience and lessons learned	Jaan Tepp, CEO, Energiasäästubüroo OÜ
14.40	ESCO experience and lessons learned in CIS countries	Presentation by an ESCO from Russia/CIS
15.00	Coffee break	
15.20	Project example 1 (*)	
15.30	Project example 2 (*)	
15.40	Project example 3 (*)	
15.50	Project example 4 (*)	
16.00	Questions/discussion	
19.00	Dinner (Pur-Navolok)	

(*) Implemented energy efficiency and renewable energy projects; short description, financial scheme, results and lessons learned