

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

### Workshop: “Energy Efficiency and Renewables; Possibilities and Challenges for Russian Municipalities”

Arkhangelsk 11 May 2011

#### 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 present day solutions and technologies.

Reducing the energy consumption and increasing utilisation of renewables will also 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.

Through a number of international programmes in Russia, it has been confirmed that there are several barriers preventing the development and implementation of energy efficiency programmes in Municipalities. Part of them was removed by new legislation and standards in sphere of energy efficiency.

But still remain barriers lack of local awareness, capacities and skills within the Municipalities – about possibilities and benefits of energy efficiency and renewable and how to develop, finance, implement and operate new projects. The capacities and skills on how to develop a medium and long-term strategy with corresponding short-term action plans for energy efficiency and introduction of renewables in the Municipal sector is also limited in most municipalities.

In November 2009, a new federal law on “Energy Saving and Energy Efficiency Improvements and on amendments to other legal acts of Russian Federation” was approved. According this new law:

- budgetary organizations shall reduce energy consumption not less than 3% per year during 5 years from 2009 energy consumption level;
- regional and municipal authorities, state companies, budgetary entities and regulated companies shall develop energy efficiency programmes;
- energy audits shall be carried out in all state and municipal entities till 31<sup>st</sup> of December 2012;
- etc.

This puts a lot of additional obligations to municipalities, with no additional funds provided, and lacking the capacities and skills to handle this new challenge.

#### Workshop

The above provides the rational why the Barents Euro-Arctic Energy Working Group (financed by the Nordic Council of Ministers) is organising this Workshop in Arkhangelsk on “**Energy Efficiency and Renewables; Possibilities and Challenges for Russian Municipalities**”, focusing on the practical possibilities and results already achieved in the region.

#### 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.

## Workshop Programme

**Part 1; in 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	Aleksey F. Vereschagin, Vice Governor, Arkhangelsk Oblast N.V. Sviridov, Head of Department, Ministry of Energy RF
09.10	Nordic co-operation on Renewables and Energy Efficiency	Johan Vetlesen, Norwegian Ministry of Petroleum and Energy
09.30	Federal policy, priorities and requirements to energy efficiency and renewables in Russian municipalities	N.V. Sviridov, Head of Department, Ministry of Energy RF
09.50	Energy efficiency and renewables in Arkhangelsk, today's situation and future plans	Anatoly N. Lukin, Deputy Minister of FEC and HCS, Arkhangelsk Oblast Government
10.05	Energy efficiency and renewables in Komi Republic, today's situation and future plans	Andrey Krivoshein, Ministry of Industry and Energy of Republic of Komi
10.20	Management of energy efficiency in Murmansk region. Regional projects	Eduard Koltsov, Head of department of energy efficiency, economy and finance of the Department of Energy, Housing and Communal Services of Murmansk region
10.35	Coffee break	
11.00	Progress and results within the Barents Hot Spots Facility - with a focus on energy issues	Henrik Forsström, NEFCO
11.15	NEFCO's Energy Savings Credit Facility, Financing municipal projects	Elisabet Paulig-Tønnes, NEFCO
11.30	Financing of energy efficiency with application of leasing	Alexandr Nechitajlo, Sberbank-Lising Nord
11.45	Financing of municipal projects, what can be offered by Sberbank in the region	Nikolai Nikolaev, Directorate of Energy Saving and Environment Projects' Management, Sberbank RF
12.00	Tasks and responsibilities for municipalities to comply with the federal law on energy efficiency	Victor Kotomkin, ENSI – Energy Saving International
12.15	Questions/discussion	
12.40	Lunch (Pur-Navolok)	

**13.45: Departure from Hotel Pur-Navolok to Arkhangelsk Oblast Government Building**

**Part 2; room 146 in Arkhangelsk Oblast Government Building** (with consecutive translation)

Chairman: Anatoly Lukin, Co-chair of the BEAC Energy Working Group

Time	Title	Speaker
14.00	Municipal Energy Efficiency Planning in Arkhangelsk - status, results and lessons learned	V.N. Churnosov, Director of Energy and HCS Department, Arkhangelsk Mayor's Office
14.20	Bioenergy projects in Karelia	Mikhail Popov, Pro-Team Group Oy
14.40	Energy efficiency projects in Syktyvkar	Urupinskov Alexander, Director Komi Energy Efficiency & Cleaner production Partnership
15.00	Implemented energy efficiency projects in Dolgoshelie, Koida and Novodvinsk – what were the main barriers and solutions to overcome them?	S.V. Vakhrushev, AOEEC
15.20	Coffee break	
15.40	Training of energy managers and energy auditors – what is offered by whom?	Anna Kulikovskaya, ENSI – Energy Saving International
16.00	School No. 1 - renewable energy project in Ustyansk district, Arkhangelsk region - experience and lessons learned	S.I. Yurieva, AOEEC
16.20	Bioenergy project in Onega, Arkhangelsk region - experience and lessons learned	Tamara M. Kononova, AOEEC
19.00	Dinner (Pur-Navolok)	