



NEFCO: Environmental funding on the small and regional scales

Focus on Karelia & Kostamus

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NEFCO's presence in Russia

- Our current project pipeline lists over 150 projects in Russia
- 71 projects have been implemented and closed so far
- The most common sectors: energy efficiency, renewable energy, wastewater treatment, waste management, cleaner production



NEFCO Special Purpose Credit Facilities

- Cleaner Production and Eco Efficiency Loan Facility EUR 14,7 million
 - established 1998
- Energy Savings Loan Facility EUR 12,5 million
 - established 2004

Implemented ES projects in Russia

- Arkhangelsk Oblast

1. Koryazhma (one school and bath house)
2. Kotlas Rehabilitation of heat supply system (44 buildings)
3. Velsk street lights
4. Velsk (2 social sphere buildings)
5. Velsk (2 hospital buildings and one school)
6. Soiga school
7. Onega reconstruction of hospital boilerhouse phase 1
8. Onega heating systems - phase 2
9. Ustyansky district - 1 school
10. Koida school
11. Dolgoshchelye wind power
12. Novodvinsk social sphere facilities (9 buildings)

Implemented ES projects in Russia

- Republic of Karelia
- Kostamuksha, (9 schools & kindergartens)
- Segezha and Nadvoitsy, (17 schools & kindergartens)
- Valday (water supply system for hospital and school)
- Murmansk Oblast
- Murmansk City Hospital
- Olenegorsk (14 schools and kindergartens)
- Kandalaksha (30 schools, kindergartens (start-up phase))

**Geographic distribution of
NEFCO-financed energy saving
projects in Russia**



Typical CP projects

- Modernisation of industrial production processes
 - Installation of new and more efficient equipment, e.g. heating boilers, pumps
- Environmental services; waste management and water treatment
 - Recirculation and reuse of water
- Renewable energy investments and energy efficiency
 - biomass, wind energy, geothermal, small-scale hydro PPs
- Management of manure at animal farms
- Transfer of environmental technology, which reduce releases of harmful substances
- 75 projects have been implemented, and another 37 new potential projects currently in the pipeline for NEFCO's consideration



New water heaters

Barents Window

- A 12 MSEK fund administered by NEFCO for Sweden, in support of priorities of the chairs of the Barents general and regional co-operation, in particular related to the working groups for environment and energy
- Funding for feasibility studies, project plans, demonstration components etc.
- "Towards an Eco-efficient Economy in the Barents Region":
 - climate change;
 - small and medium-sized enterprises in the Barents region;
 - renewable energy and energy efficiency;
 - Barents environmental 'hot spots'

> > > Focus area: Kostamus (Kostamuksha), Karelia

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