

RUSTREC

Renewable Energy Certificates as instrument to monitor and stimulate RE development in Russia

Project Description

The project will be coordinated by ETA - Renewable Energies, with assistance from the Russian partner IDI Informelectro and comprise the following actions:

1. Management
2. Inception & training
3. Dissemination
4. Workshops
5. Cost estimates of RE
6. Heat certification
7. Kyoto adaptor
8. Harmonisation with EU

The Inception will define the situation, opportunities and available knowledge. This process is very interactive and will be combined with the training. The Workshops will serve to take the necessary decisions to implement the green certificate system into the Russian legislation. The cost estimates will provide quantitative information for the implementation of the green certificate system. The dissemination must lead to large political and market support. Finally, the actions 6 - 8 will bring innovation and (maybe also therefore) lead to connection to the Western European green certificate systems.

Objectives

The overall aim of RusTREC is to assist the Government of the Russian Federation to establish and use a Green Certificate System.

The Russian Federation is very interested to stimulate the use of renewable energy, in order to:

- ◆ Develop an environmentally and socially sound alternative
- ◆ To secure the supply of energy (especially to regions with no, or a weak grid)
- ◆ Cooperate with Western European and other markets

Green Certification, an instrument that links each produced unit of green energy to a certificate, can help to:

- ◆ Monitoring will become easy, and will support the energy and technology market and decision makers on high level;
- ◆ The Certificates can be an instrument if the Government defines a renewable energy obligation (on production or consumption), or when a support scheme is set up (linking financial support to certificates).

In the first case, Green Certificates are only a monitoring instrument. The second case is an extension of this.

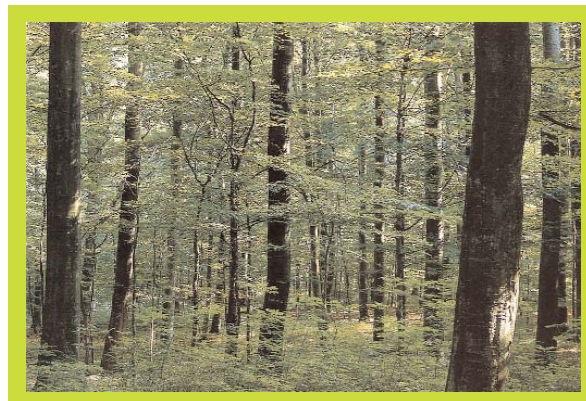
The instrument can then lead to trade, because exchange of certificates will create flexibility and facilitate to avoid penalties (in case of obligation) or to obtain financial support. This will lead also to exploitation of renewable energy on the best place, instead of realising it in the region where the obligation/support is in force.



"Climate change increases distance between populations" www.greenpeace.org.uk

Expected results

- ◆ Design of methods, recommendations and first steps to the implementation of a green certificate system that is adequate to the Russian legislative system and market
- ◆ Broad support from the market and the Government to Green Certification
- ◆ Some innovations in the field of Green Certification that do not exist in the Western European systems but are expected to be very useful in Russia:
 - ◆ heat certification will stimulate the huge resources of biomass, sun and other heat sources, it will also valorise the Russian experience with heat grids
 - ◆ the Kyoto adaptor will facilitate JI, which is difficult for renewable energy projects because of scale and cost of the JI procedures
- ◆ Acceptance of Russian Green Certificates by the Western European market, with bilateral agreements. The Russian Government aims at an exchange of Green Certificates (export) with Renewable Energy Technology (import). This is expected to become possible under the pressure of the Western European targets on renewable energy



Project Title

Renewable Energy Certificates as instrument to monitor and stimulate RE development in Russia (RusTREC)

Contract Number

SSA-012012

Duration

18 months

Global Project Cost

111,000 EURO

European Commission Contribution

80,000 EURO

EUBIA Contribution

EUBIA contributes by inventarising, together with the Russian partners, the biomass resources, technologies and strategies to integrate bio-electricity and -heat with Green Certificates. Moreover, EUBIA participates in experiments carried out with EU partners to decide under what conditions the Russian TRECs will enter the EU market.

Partners

- 1 ETA - Renewable Energies (Italy) - Coordinator
- 2 VIEN - Renewable Energy Sources (Russian Federation)
- 3 Solar Energy Institute (Russian Federation)
- 4 Intersolarcenter (Russian Federation)
- 5 IDI "Informelectro" (Russian Federation)
- 6 SOWENA (Russian Federation)
- 7 BERICA IMPIANTI ENERGIA S.r.l. (Italy)
- 8 WIP - Renewable Energies (Germany)
- 9 EUBIA - European Biomass Industry Association (Belgium)



SIXTH FRAMEWORK
PROGRAMME

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