



Устойчивое
Энергетическое
Развитие



Международный центр
под эгидой ЮНЕСКО

United Nations Economic Commission for Europe International Sustainable Energy Development Centre under the auspices of UNESCO

Project Title:

**Financing Energy Efficiency Investments for Climate Change Mitigation
MOU for grant No.: ECE/GC/2010/033**

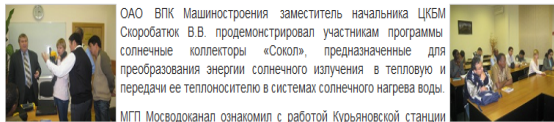
National Report No. 1 provided by ISEDC according to the TOR within the Memorandum of Understanding (MOU) between the UNECE and the International Sustainable Energy Development Center, as a National Participating Institution

Eugeny Nadezhdin

National Project Website

- The website of the International Sustainable Energy Development Centre has been renovated recently
- According to the set of new tasks it has been changed for efficient use
- An organizational structure of updated website is clear and conceptual
- From the visual observation it became more vivid and colorful
- The up-to-date photo and media files have been added to the main content
- The direct link to the address is www.isedc-u.com

В компании геоломультимедиа академик РАН П.И. Чибриков рассказывал стажерам о таком инструменте использования чистой энергии, как гелиобарическая энергетическая установка, которая преобразует солнечную и ветровую энергию с принципом «торнадо».



ОАО ВПК Машиностроения заместитель начальника ЦКБМ Скоробатюк В.В. продемонстрировал участникам программы солнечные коллекторы «Сокол», предназначенные для преобразования энергии солнечного излучения в тепловую и передачи ее теплоносителю в системах солнечного нагрева воды.

МГП Мосводоканал ознакомил с работой Курьяновской станции азтации, а также, введенной в эксплуатацию в январе 2009 г. и ставшей первой в России, мини-теплоэлектростанцией мощностью 10 МВт, работающей на биогазе от осадков сточных вод.

По приглашению Национальной Биотопливной Ассоциации участники программы посетили Международный конгресс «Топливный биоэтанол». Стажеры также побывали на выставках «ТЭК России в XXI веке», «Высокие технологии XXI века - 2009», «Нанотехнологии XXI – 2009», «Энергия XXI – 2009».

По завершению образовательной программы участникам были вручены удостоверения МЭИ государственного образца о краткосрочном повышении квалификации и сертификаты об участии в совместной МЦУЭР/ЮНЕСКО образовательной программе.



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Организация Объединенных Наций по вопросам образования, науки и культуры

ГЛАВНАЯ НОВОСТИ ОФИЦИАЛЬНЫЕ ДОКУМЕНТЫ ПРЕДСТАВИТЕЛЬСТВО В ПАРИЖЕ UNESCO.ORG

С 05 по 22 октября 2010 года в Пар

О ЦЕНТРЕ
ДЕЯТЕЛЬНОСТЬ
ПАРТНЕРЫ
ВЗАИМОДЕЙСТВИЕ
КОНТАКТЫ

События

- Минэнерго России утвердило схему и программу развития Единой энергетической системы (ЕЭС) России ...
- Экспорт электроэнергии из Единой энергосистемы России в 2016 году может вырасти на 14,9% - до 25 ...
- 7-9 июля 2010 года в Москве в выставочном павильоне «Электрификация» стартовала Международная в ...
- Ветроэнергетические мощности Китая и США выросли на 53,7%.
- Как отмечается в исследовании компании ...
- Германия продлит жизнь атому.
- Германия планирует использовать 17 атомных электростанций в стране в ...

Видео

0:00 / 0:00

EnEffect
ФИНАНСИРОВАНИЕ ИНВЕСТИЦИЙ В ОБЛАСТИ ЭНЕРГОЭФФЕКТИВНОСТИ ДЛЯ СМЯГЧЕНИЯ ИЗМЕНЕНИЯ КЛИМАТА

В рамках проекта ООН Энергоэффективность 3x3

Goals of the ISEDC official web resource:



- *Representation and informational maintenance of the Centre activity in the world wide web*
- *Promotion of main ideas, results of scientific research and topical projects in the sphere sustainable energy development*
- *Actualization of content according to activity dynamics of ISEDC*

Website menu

- The basic operational menu contains main sections, such as about the Centre, Centre's activity, partners, cooperation and contacts

ABOUT THE CENTRE	Scientific Research	
CENTRE ACTIVITY	Education	
PARTNERS	Publications	
COOPERATION	Conference, seminar	"Global Energy and Sustainable Development" (white paper)
CONTACTS	Project and Investment Activities	Energy bulletin
	Strategic planning and partnership	
	Fotogallery	

- The section about the Centre gives a full presentation of the Centre, including important historical facts connected with the Centre, provides with principal goals and tasks, and also presents the Centre's management, governing board and organigram
- The most basic section is the Centre's activity which consists of the following subsections: projects and investment activities, strategic planning and partnership, scientific research, education, publications, conferences

FEEI project information page



ISEDС website main page presents the “Financing Energy Efficiency Investments for Climate Change Mitigation” banner which redirects to the page with devoted to the above-mentioned project

ЕЭКООН

- О Проекте
- Встречи и события
- Библиотека

создания возобновляемых

Решением Министерства энергетики Российской Федерации Международный центр устойчивого энергетического развития назначен национальным исполняющим Агентством по реализации Проекта.

Данный Проект содействует формированию инвестиционного климата для самофинансирования проектов в области повышения энергоэффективности и источников энергии в странах Юго-Восточной Европы, Восточной Европы и Центральной Азии.

В результате Проекта будет создан Инвестиционный Фонд по энергоэффективности и возобновляемой энергетике для финансирования инвестиционных проектов с предполагаемым акционерным капиталом 250 млн. евро.

- The Project page contains general information about the Project, the history and calendar of meetings and events, electronic library with national legislative documents, investment projects database and presents the Russian Federation energy profile
- Also, within the project the representatives of ISEDС participated training sessions for the usage of the online communication software, and underwent personal training sessions for the online communication platforms in the WebEx Meeting Center with a project expert Dragomir Tzanev.
- The training sessions provided by **EnEffect** included a number of subjects concerning FEEI Web Site and National Pages, FEEI Web Blog, FEEI Network Database and the other online opportunities

Indicative Project Pipeline Proposals (1)



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NUMBER	COUNTRY ¹	PROJECT NAME ²	TECHNOLOGY ³	PROJECT SIZE ⁴ (EUR)	TOTAL FINANCE REQUIREMENT ⁵
1.	Russian Federation	Production of high quality LED equipment	Energy saving Energy efficiency	5 000 000	
2.	Russian Federation	Production of solar silicon	Energy efficiency Clean technologies	5 000 000	
3.	Russian Federation	Lighting system on the Russian element base	Energy saving Energy efficiency	3 000 000	
4.	Russian Federation	Universal wind turbines with vertical rotation axis	Renewable energy sources Energy saving	100 000	Foundation for Assistance to Small Innovative Enterprises in science and technology Fund investment 50 000 EUR
5.	Russian Federation	Production of thermal electric modules for climate control on various vehicles	Energy efficiency Clean technologies	4 720 000	
6.	Russian Federation	Production of railroad sleepers from modified wood (1 000 000 units per year)	Energy Efficiency Clean technologies	30 000 000	
7.	Russian Federation	Production of high efficiency energy saving lighting equipment for communal, industrial and agricultural use	Energy saving	4 328 000	
8.	Russian Federation	Production plant for universal starting devices for diesel and petrol engines for use in extreme temperature conditions	Clean technology Energy efficiency	5 800 000 	
9.	Russian Federation	Production plant for high protein and vitamin nutrition concentrate from distillery waste	Energy Efficiency Clean technologies	6 200 000	
10.	Russian Federation	Production of high efficiency solar collectors with unique design and competitive marketing qualities.	Renewable energy sources	1 300 000	

Indicative Project Pipeline Proposals (2)



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11.	Russian Federation	Reconstruction of street lightning in Nizhniy Novgorod	Energy Efficiency Energy Saving	2 175 000	
12.	Russian Federation	Modernization of thermal power supply system in Ust-Donetsk, Ust-Donetsk district, Rostov region	Energy Saving Energy Efficiency Clean Energy	3 500 000	
13.	Russian Federation	Construction of a plant for production of pellets in Yaroslavl region	Renewable energy sources	5 000 000	
14.	Russian Federation	Implementation of energy saving technologies of plant raw materials hydrothermal processing with superheated steam for getting functional food and feed stuff	Energy Saving Energy Efficiency	120 000	
15.	Russian Federation	Implementation of technology for waste disposal (industrial and agricultural) for hydrocarbon fuel	Renewable Energy Sources	966 500	
16.	Russian Federation	Enhancement of energy efficiency in the regional power supply systems of Voronezh region	Energy Efficiency Energy Saving	124 000	
17.	Russian Federation	Energy Efficiency reconstruction of street lighting in Arzamas (Nizhegorodskaya region)	Energy Efficiency Energy Saving	378 000	
18.	Russian Federation	Implementation of pilot project for Chuvash region on regional grid creation of biofuel boiler houses for budgetary institutions using alternative energy sources	Renewable Energy Sources	850 000	A grant from Republic budget of Chuvash Region 131 500 EUR
19.	Russian Federation	Design and manufacture of the collector electric motor with a combined function of an anchor	Energy Efficiency Energy Saving	825 000	
20.	Russian Federation	Technology of thermal efficiency enhancement of domestic heat and power stations (for amount 100 megawatt, turbine T130)	Energy Efficiency Energy Saving	48 000	
21.	Russian Federation	Technology of utilization of heat, industrial pollution and vehicle emissions (for utilization of 10.000.m3 of emissions)	Clean technology	15 000	

Organization of Training/Business Development Courses (1)



- ❖ **According to the TOR assignment for “Financing Energy Efficiency Investments for Climate Change Mitigation” a list of arrangements was prepared by the International Sustainable Energy Development Center (ISEDC):**
- All necessary technical arrangements for the training, including seminar rooms, audio/video equipment (multimedia projector, laptops, sound reinforcement system, microphones, projection screen etc.), Internet access, simultaneous translation, printing services were provided
- Participants for the training courses were identified and invited
- Several training courses on renewable energy sources were conducted
- Information materials provided by Conning Asset Management Limited were distributed to selected participants

Organization of Training/Business Development Courses (2)

- ISEDC started a Post graduate training course for foreign students two and a half years ago. The aim of the Post graduate training is to enhance the capacity building and human resources development in the field of sustainable and renewable energy source.



- At present 10 specialists from developing countries and countries in transition are enrolled for a Post graduate training course. They represent Oman, Burkina Faso, Gambia, Vietnam, Peru, Uzbekistan, Belarus, Kazakhstan, Mongolia and Thailand

Organization of Training/Business Development Courses (3)



- Moreover, a meeting of the Thematic Working Group on Energy Strategies, Forecasts and Scenarios with participation of the Thematic Group on Energy Efficiency within EU-RUSSIA Energy Dialogue was held on September 21, 2010 in ISEDC with participation of more than 35 European and Russian energy experts
- This meeting was targeted sustainable and renewable energy development and management of energy resources with the aim of contributing to the general efforts towards ensuring a long-term sustainable and environmentally responsible supply of energy

Main discussions were based upon:

- Strategic guidelines for the increase of energy efficiency up to 2050
- The impact of energy efficiency measures on scenarios and forecasts
- Statistics, definitions, methodology of data collection, development of energy efficiency indicators, and analysis in context of state policy



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Thank you for your attention!