

ANNUAL REPORT

UNIDO CENTRE FOR INTERNATIONAL INDUSTRIAL
COOPERATION IN THE RUSSIAN FEDERATION

2011



125252 Moscow,
Russian Federation
Str. Kuusinena, 21b
tel.: +7 (499) 9430021
fax: +7 (499) 9430018
e-mail: [itpo.moscow @ unido.org](mailto:itpo.moscow@unido.org)

CONTENTS

CURRENT PROJECTS	5
UNIDO PROJECT TO ENHANCE THE INDUSTRIAL INTEGRATION OF EURASEC COUNTRIES.....	5
PHASE-OUT OF HCFCs AND PROMOTION OF HFC-FREE ENERGY EFFICIENT REFRIGERATION AND AIR-CONDITIONING SYSTEMS IN THE RUSSIAN FEDERATION THROUGH TECHNOLOGY TRANSFER	18
BAT/BEP CENTRE FOR ENVIRONMENTALLY SAFE DISPOSAL OF POTENTIALLY HAZARDOUS CONSUMER PRODUCTS AND INDUSTRIAL WASTES	28
MARKET TRANSFORMATION PROGRAMME ON ENERGY EFFICIENCY IN GREENHOUSE GAS-INTENSIVE INDUSTRIES IN THE RUSSIAN FEDERATION	37
IDENTIFICATION, EVALUATION AND PRIORITIZATION OF POLLUTION “HOT SPOTS” WITHIN THE MIDDLE AND LOWER VOLGA RIVER BASIN, RUSSIA....	43
TECHNICAL CAPACITY BUILDING IN FISHING AND SEAFOOD PROCESSING TECHNOLOGY IN SIERRA LEONE FUNDED BY RUSSIAN FEDERATION	49
UPCOMING PROJECTS	53
PREPARATION OF AN OPPORTUNITY STUDY FOR THE ESTABLISHMENT OF A MEAT CANNING PLANT AT ALTANBULAG FREE TRADE ZONE	53
REGIONAL (CIS) CAPACITY BUILDING FOR DEVELOPING REGIONAL AND NATIONAL PROGRAMMES FOR MITIGATION OF GLOBAL ENVIRONMENTAL PROBLEMS.....	54
PARTNERSHIP BETWEEN BRICS COUNTRIES IN TECHNOLOGY AND INNOVATION FOR DEVELOPMENT OF SMES.....	55
COOPERATION WITH THE GEF	57
COOPERATION WITH REGIONS.....	59
INTERNATIONAL COOPERATION.....	59
CIIC DATABASE.....	60
PUBLICATIONS.....	62
WEBSITES	63
SOURCES.....	65

AIMS AND OBJECTIVES OF THE CENTRE

The Center for International Industrial Cooperation in the Russian Federation (UNIDO) was established in 1989 on the basis of the Agreement between the Government of the Russian Federation and the United Nations Industrial Development Organization (UNIDO) and is a component of the UNIDO Investment and Technology Promotion Office network (ITPO).

The main objective of the Centre, as defined in the Agreement is to promote international cooperation in the economic, technological, industrial, and scientific spheres between Russian companies, associations, organizations and companies from both developed and developing countries.

Center serves as a catalyst and a source of technical knowledge and expertise in the creation, organization and implementation of the necessary measures to promote investment cooperation, the process of technology transfer to Russia.

In carrying out its activities, the Centre uses the program, methodology, tools and software developed by UNIDO in order to facilitate the flow of investment and technology. "The Russian Foreign Ministry has confirmed the status of the Center for International Industrial Cooperation UNIDO in the Russian Federation as a representative of an international organization accredited by the Russian Ministry of Foreign Affairs, which will carry out the privileges and immunities provided for in the Agreement between the Government of the Russian Federation and on the activities of UNIDO Centre for International Industrial Cooperation UNIDO in the Russian Federation. Denisov, First Deputy Minister "(13.04.06). [12]

PRIORITY ACTIVITIES OF THE CIIC:

- FACILITATE THE FLOW OF INVESTMENTS AND OTHER RESOURCES FROM THE COUNTRY'S INDUSTRY IN RUSSIA IN ORDER TO IMPLEMENT VARIOUS PROJECTS IN RUSSIA
- RESOURCES FUND INVESTMENT IN RUSSIA FOR THE IMPLEMENTATION OF INDUSTRIAL INVESTMENT PROJECTS IN DEVELOPING COUNTRIES AND COUNTRIES IN TRANSITION
- PROFESSIONAL DEVELOPMENT AND MANAGEMENT CAPABLE LEADERS, GOVERNMENT EMPLOYEES INVOLVED IN IMPLEMENTING PROJECTS IN THE FIELD OF UNIDO
- CONTROL OF THE PROJECT, UNIDO, TO THE RUSSIAN FEDERATION
- SELECTION, DESIGN, ANALYSIS, AND PROMOTE INDUSTRIAL INVESTMENT PROJECTS CARRIED OUT JOINTLY BY RUSSIAN AND FOREIGN ENTREPRENEURS;
- COMMUNICATING THE LEGAL REGULATION OF BUSINESS
- ASSISTANCE IN ESTABLISHING CONTACT WITH THE RUSSIAN GOVERNMENT, LOCAL AUTHORITIES, THE CHAMBER OF COMMERCE AND SPECIALIZED CONSULTING COMPANY
- SELECTION OF RUSSIAN PARTNERS INTERESTED IN INVESTMENT COOPERATION WITH FOREIGN COMPANIES
- SUPPORT THE RUSSIAN AND FOREIGN PARTNERS IN THE PREPARATION PRELIMINARY FEASIBILITY STUDY OF INVESTMENT PROJECTS
- ASSIST IN PROVIDING FINANCIAL INVESTMENT COOPERATION PROJECTS
- SUPPORT LOCAL AND FOREIGN INVESTMENT COMPANIES IN THE ASSOCIATIONS, SYMPOSIA, CONFERENCES AND SEMINARS

Center pays special attention to environmental issues, the development of small and medium-sized enterprises, as well as working on issues of employment in accordance with the strategy and principles of UNIDO in the field.

The center works with Russian companies and organizations, including small and medium-sized enterprises, which are interested in cooperation with foreign partners.

Center collaborates with private enterprises, institutions, governments of developing countries and countries with economies in transition, which lack the capacity to engage in various forms of partnership with Russian companies.

In addition, the Center collaborates with institutions that are involved in the promotion of technology [12].



CURRENT PROJECTS

2011 was a busy year for the UNIDO Centre in Moscow (hereinafter - the Center) as the number of events and in their scope. There have been numerous important tasks of the projects of UNIDO Centre in Russia and abroad. We present the main results of the work of the Center in 2011.

UNIDO PROJECT TO ENHANCE THE INDUSTRIAL INTEGRATION OF EURASEC COUNTRIES

DESCRIPTION AND MAIN ACTIVITIES

The UNIDO project to enhance industrial integration in EurAsEC countries is implemented in accordance with an agreement on cooperation between EurAsEC and UNIDO (2009) and aimed at increasing investment flows, technology transfer and development of industrial partnerships in the Region. Besides the Russian Federation, the donor country, all EurAsEC countries are participating in the project: Republic of Belarus, Republic of Kazakhstan, Kyrgyz Republic, Republic of Tajikistan, and Republic of Armenia, which has observer status and actively participates in many institutions of the Eurasian Economic Community.

The purpose of the project is to facilitate establishment of business linkages between individual EurAsEC countries thereby contributing to the improvement of international competitiveness of local industries as well as to contribute to processes of industrial integration and development

of common market and integration in the global economy. In order to achieve this objective an efficient institutional mechanism was set up by creating a network of Project Office in each beneficiary country. The Offices are supposed to be transformed into UNIDO Centers for International Industrial Cooperation (CIIC) as a gateway to the existing UNIDO worldwide networks.

Now the project is under active implementation. The actions are performed to establish the Center for International Industrial Cooperation in the countries participating in the project. Work is also underway to establish a network of national centers of industrial subcontracting and partnership in the Republic of Armenia, the Republic of Belarus, Republic of Kazakhstan and the Kyrgyz Republic on the basis of the Interregional Centre of Industrial Subcontracting and Partnership in the Russian Federation.

In January 2011, the second meeting of the Advisory Board of the project to support the UNIDO industrial integration was held in the Eurasian Economic Community. The meeting was attended by representatives of the UNIDO Secretariat, the Secretariat of the Integration Committee of EurAsEC, CIS Executive Committee, the Permanent Representatives of the Eurasian Economic Community, the ambassadors of the Eurasian Economic Community in the Russian Federation, representatives of the Eurasian Development Bank, Eurasian Business Council, the Center for High Technology EurAsEC and UNIDO experts, including those of the Centre for International Industrial Cooperation in the Russian Federation.

Following the meeting, the participants agreed on a set of COP decisions and recommendations aimed at improving the effectiveness of measures and pilot projects implemented under the project.

During the project there was conducted a rapid analysis of the level of industrial cooperation between the member countries of the Eurasian Economic Community (EurAsEC) and the ways of its development. The aim of this rapid analysis was to obtain information from industry on the status, problems and prospects of development of industrial cooperation between the member countries of the EurAsEC. In total, 402 companies participated, and the results were very interesting. [1]

For example, more than 93% of the respondents supported the establishment of cooperation with enterprises and organizations of the EurAsEC countries, more than 60% - with the CIS countries. But with the representatives of other countries have expressed their willingness to cooperate, only 8% of those surveyed - including China, India, Israel, USA, Canada, European Union and others. Moreover, among the desired forms of cooperation prevailing trade (50%), information sharing (40%), industrial cooperation (38%), marketing (37%), purchase of equipment (35%).

A positive trend was also an unequivocal desire of the overwhelming majority of the participants of foreign economic activity of EurAsEC to the further development of modern forms of interstate cooperation and contractual relationships. In particular, the majority of

respondents expressed interest in the development and implementation of a comprehensive modernization of the industry (91%) and the creation of a single center for the promotion of industrial cooperation with foreign countries in each of the countries participating in the project (96%). Thus, the project is supported in the form of a positive response of participants.

Given the profile of the area of industrial enterprises in the countries of the Eurasian Economic Community, it became apparent that the need to develop cooperation, especially in the field of food products, beverages and tobacco, machinery and equipment, chemical and pharmaceutical industry, the textile and clothing production.

There have also been a number of polls, which resulted in UNIDO experts created the database, which will go to the foundation of the international networking platform for communication innovation alliances in which parks the EurAsEC countries and the EU will be able to develop mutual cooperation, exchange of experiences and information, as well as to expand base of potential partners. In the future, by becoming parties to the project, technology parks and innovation centers of the EurAsEC countries will be able to expand their information and marketing opportunities, and take advantage of all the benefits of international cooperation with technology parks and centers of the EU. [11]

In order to develop a network of Eurasian industrial partnership began active involvement of enterprises of the EurAsEC countries to register and participate in the platform SUBCONTRACT.RU. At the end of 2011 to participate in the system was further drawn 145 companies from the countries participating in the project.

The project for the EurAsEC started practical implementation of projects to modernize the Russian suppliers of food products aimed at improving food security and the introduction of international standards of product quality. Partner in the project is the largest retail chain METRO Group. The pilot project was conducted to train a group of Russian experts in the field of food safety, which launched the project activities. Set up an expert group held the first round of assessment of enterprises, which was attended by 18 suppliers of meat, fish and dairy products. For the participants of the pilot project was a two-day training workshop to improve compliance with international standards. In October 2011, began the implementation of advisory visits, during which experts visited production sites for individual counseling companies in order to eliminate inconsistencies with standards.

At the end of 2011 was completed the second round of assessment of enterprises. We are preparing a report on the pilot project, and then have to draw conclusions about the advisability of continuing the program. After completion of the pilot phase in the Russian project will be extended to other countries of the EurAsEC.

In September 2011, Moscow hosted the training on subcontracting for those responsible for the development of the Eurasian network of Industrial Partnership in Armenia, Kazakhstan and Kyrgyzstan. As a result, education experts have the necessary knowledge and skills and were able to start creating subcontracting centers in their countries. The concept was developed by a

network of Eurasian industrial partnership was developed, and its main objective is the development of inter-state production and processing chains and clusters of suppliers in the format of a single system for the example of subcontracting centers to be set up in the states with the highest level of development of productive forces, infrastructure and human resources in relation to other EEC countries - the Russian Federation, the Republic of Armenia, the Republic of Belarus, Republic of Kazakhstan and the Kyrgyz Republic. By the end of October 2011 in all countries of the Eurasian Economic Community have been established and are fully operational project offices for the Community. In October 2011 in Yerevan, on the basis of the project office was opened the first of the centers of international industrial cooperation, UNIDO, the inauguration of which the Prime Minister of Armenia Tigran Sargsyan. In the near future offices in Minsk and Astana, to be transformed into centers of international industrial cooperation of UNIDO.

UNIDO experts in the framework of the project was prepared, adapted to the conditions of the EurAsEC countries and translated into the Russian language overview of methodologies and tools for preparing and financial assessment of investment projects and proposals on industrial cooperation in the countries of the Eurasian Economic Community. This material is recommended for use by the Centers for International Industrial Cooperation in their future work with industry and investors. [1]

MEETINGS, CONFERENCES AND SEMINARS

January 26, 2011, the second meeting of the Consultative Council (CC) UNIDO project to support industrial processes of integration in the EurAsEC countries.

The meeting was attended by representatives of the UNIDO Secretariat, the Secretariat of the Integration Committee of EurAsEC, CIS Executive Committee, the Permanent Representatives of the Eurasian Economic Community, the ambassadors of the Eurasian Economic Community in the Russian Federation, representatives of the Eurasian Development Bank, Eurasian Business Council, the Center for High Technology EurAsEC and UNIDO experts, including those of the Centre for International Industrial Cooperation in the Russian Federation Managers and project staff members informed in detail of the COP on the project, including on its activities in the framework of its extensive analytical work on the state and prospects of industrial cooperation of EurAsEC Member States.

Following the meeting, the participants agreed on a set of COP decisions and recommendations aimed at improving the effectiveness of measures and pilot projects carried out in the framework of UNIDO to support the process of industrial integration in the EurAsEC countries. In accordance with the recommendation of the COP on the organization of cooperation between technology parks, innovation centers EEC and the European Union to encourage the formation of alliances innovative leadership project proposes the creation of an international

networking platform for the interaction of innovative alliances, in which parks the EurAsEC countries and the EU will be able to develop mutual cooperation , the exchange of experiences and information, as well as to expand the base of potential partners. Based on the results of the survey by UNIDO experts created a database in which parks are divided into sectors and assigned them to the appropriate rating on the UNIDO methodology. In the future, by becoming parties to the project, technology parks and innovation centers of the EurAsEC countries will be able to expand their information and marketing opportunities, and take advantage of all the benefits of international cooperation with technology parks and centers of the EU [1].



March 2, 2011, a conference "Modern standards of quality and safety of food products" was held.

It was organized by the METRO Cash & Carry and REAL Hypermarket, UNIDO Centre in Moscow, the participants were METRO AG, METRO Cash & Carry, REAL Hypermarket, suppliers of METRO Cash & Carry and REAL Hypermarket.

The conference was devoted to the introduction of modern international standards of quality and safety of food products for the Russian supplier to produce the goods under its own brands retailers METRO Cash & Carry and REAL hypermarket in Russia.

The conference was attended by Gerardo Patakoni - Head of UNIDO, presented the pilot project for the modernization of food suppliers in the Russian Federation. In order to start the practical implementation of creating national centers of industrial subcontracting and partnership on 20-21 September 2011 in Moscow, the training of subcontracting for those responsible for the development of this sector in Armenia, Kazakhstan

and Kyrgyzstan. As a result, education experts have the necessary knowledge and skills and were able to start creating subcontracting centers in their countries. [1]



14 - 16 October 2011, the First International Business Forum "Textile and Fashion 2011" The event was organized by the Center for International Industrial Cooperation UNIDO, Armenian Development Agency, the Union of Industrialists and Entrepreneurs (Employers) of Armenia [UMB (E) A] and the Institute for Civil Society and Regional Development / Caucasus Business and Development Network (CSIS). The event was attended by representatives of UNIDO, the Armenian Development Agency, the Government of the Republic of Armenia, Union of Manufacturers and Businessmen of Armenia [UMB (E) A], the Institute for Civil Society and Regional Development / Caucasus Business and Development Network (CSIS), companies from the Republic of Armenia, the Republic of Kazakhstan , the Kyrgyz Republic, the Italian Republic, the Russian Federation, etc.

Business Forum "2011 Fashion and Textiles" has shown itself as a promising platform for partnership and exchange of experience between the textile and garment enterprises of the EurAsEC countries and the countries of the European Union. The Forum was supported by the Government of Armenia, in particular the Prime Minister, who in his speech that the willingness of the Government to cooperate with the private sector,



employers' organizations and UNIDO in the context of public policy in the field of light industry [1].

14 - 17 July 2011, a series of training workshops for project coordinators offices. Was organized by the Centre for International Industrial Cooperation UNIDO in Russia. Participants at the workshops - the coordinators of the project offices in countries UNIDO experts.

As a result of the workshops Office Coordinator of the project gained an understanding of the approaches and methods of UNIDO and will be able to continue to use this experience for the organization of project activities in their respective countries. [1]



9 - March 11, 2011, Astana, Republic of Kazakhstan

Several meetings were held with representatives of the governments of Kazakhstan, responsible for the modernization and development of industrial, including the Deputy Prime Minister and Minister of Industry and New Technologies SA Isekeshev, Chairman of the Committee for Industry AS Taspiovym, as well as managing directors of JSC "National Investment Fund" JC Salimov and RN Rakhimov.

The conference "Modernization of Industry of the Republic of Kazakhstan" experts held a presentation of the project of UNIDO to support the integration of industrial processes in the countries of the Eurasian Economic Community, as well as participants with the Russian experience of industrial cooperation.

As a result of these meetings has been agreed in principle on joint action with UNIDO's Industrial Modernization Center of Kazakhstan and international cooperation. On this issue, signed a Memorandum of Intent. In May-June 2011 between the leaders of UNIDO and the Deputy Prime Minister of Kazakhstan A.O.Isekeshevym exchanged letters confirming the intention of the parties to proceed to action to establish the said Centre in Astana [1].



17 - April 20, 2011, Yerevan, Republic of Armenia

UNIDO will lead the delegation meetings and talks with Deputy Prime Minister and Minister of Territorial Administration of the Republic of Armenia A.Gevorkyanom, T.Davtyanom Minister of Economy, Minister of Agriculture of the Republic of Armenia S.Karapetyanom and UN Resident Coordinator in Armenia D.Gerchevoy.

Mr Korotkov set the following agreements on the development of industrial cooperation with the Republic of Armenia:

- Memorandum of Cooperation between the "Northern (Arctic) Federal University named after MV Lomonosov ", JSC" Concern "Constellation", the Ministry of Transport and Communications of the Republic of Armenia and the Center for International Industrial Cooperation of the United Nations Industrial Development Organization (UNIDO) in the Russian Federation in order to create conditions and mechanisms for technology transfer and scientific and industrial base to modernization and mass production of advanced telecommunications and broadband data transmission equipment;
- Memorandum of Cooperation between the "Northern (Arctic) Federal University named after MV Lomonosov "," Enterprise Incubator Foundation ", the National Academy of Sciences of the Republic of Armenia and the Center for International Industrial Cooperation of the United Nations Industrial Development Organization (UNIDO) in the Russian Federation for the purpose of development and the development of joint activities for the development of trade-economic and scientific-technical relations on the principles of equality and mutual benefit, promoting the exchange of experience and information for the implementation of joint projects.

July 10-12, 2011, Minsk, Belarus.

In July, a series of talks with representatives of various ministries and departments of the Republic of Belarus who are responsible for industrial development and international cooperation, including the Deputy Chairman of the State Committee for Science and Technology of L. Demidov, Deputy Minister of Economy A. Filonov, Deputy Minister of Industry, VA Prima,

First Deputy Minister of Natural Resources and Environment V. Kulik, vice-president of the National Academy of Science, PA Vityaz, etc.

During the talks substantively discussed further joint actions of the Belarusian side and UNIDO to build up cooperation in the field of industrial modernization and cooperation, the creation of technology and innovation alliances, subcontracting relations of the Republic of Belarus and the countries of the Eurasian Economic Community. The parties also agreed on the need to strengthen the institutional framework for cooperation in order to make it to the maximum extent provided the needs of the Republic of Belarus in the field of international industrial cooperation.

It was considered appropriate in the near future to convert the UNIDO project office in Minsk Center for International Industrial Cooperation. To do this, the Belarusian side, in particular Belarus State Committee for Science and Technology will take the necessary organizational measures at the level of the Government of the Republic of Belarus.

During the visit, UNIDO experts took part in the negotiations between the representatives of the Minsk Union of Entrepreneurs and the Center for subcontracting "MAPZAO" as a result of which an agreement was signed to join forces in creating a unified system of subcontracting Belarus and join the system to the platform of the Eurasian Economic Community, formed by the Interregional Centre of Industrial Subcontracting and Partnership.

Meeting with the Deputy Minister of Natural Resources and Environment V. Kulik has identified the need and high demand in Belarus for UNIDO services in the field of industrial ecology. Mr. Kulik expressed his intention to submit to the Centre of UNIDO in Moscow its proposals for the development of mutually beneficial cooperation in the framework of the project [1].



25-27 September 2011, Bishkek, Kyrgyzstan.

The project team participated in a national conference, "What is the future industry of Kyrgyzstan. Policy to achieve global competitiveness ", organized at the initiative of the organizations" USAID "and" GIZ "(German Society for International Cooperation) to facilitate the development of the concept of industrial development of Kyrgyzstan.

The conference presented UNIDO project for the EurAsEC countries, special attention was paid to the task of organizing the Eurasian network of industrial partnerships, providing for the establishment and development of a single Community market for industrial subcontracting. The conference, which included representatives of ministries and business associations, supported by UNIDO FUTURE ACTIVITIES to establish the National Centre in Bishkek subcontracting, which will be the basis for the functioning of the institutional network of the Eurasian industrial partnership in the Republic.

With the assistance of UNIDO Office in Kyrgyzstan during the visit, meetings were also held with the Deputy Head of the Government of the Kyrgyz Republic S.D.Isakovym, Deputy Minister of Economic Regulation and S.T.Mukanbetovym O.M.Pankratovym, the Permanent Representative of the Kyrgyz Republic under the EurAsEC U.M . Usupova, Vice-President of the Employers' Federation of Industry U.K.Kydyralievym and other industry representatives, who appreciated the prospects of cooperation with UNIDO in the field of development of industry and agriculture, and expressed an interest in the speedy building of the attraction to the implementation of specific projects in Kyrgyzstan [1].

12-17 October 2011, Yerevan, Republic of Armenia

In October, a series of meetings with representatives of various organizations and agencies responsible for industrial development and international cooperation, including with the Minister of Economy T. Davtyan, Director of the Eurasian Development Bank in Yerevan S. Anna, Director of the Armenian Development Agency R. Harutyunyan and other [1].



FUTURE ACTIVITIES

1. The continued implementation of measures aimed at creating centers of international industrial cooperation in Belarus, Kazakhstan, Kyrgyzstan and Tajikistan. Approval and signing of agreements on the establishment of the Centres, as well as promoting the adoption of decisions on the allocation of government funding for their sustainable operation.
2. National Centre for Industrial Subcontracting and Partnership in Armenia, Belarus, Kyrgyzstan and Kazakhstan. Establishing a network of joint work in this direction in the participating countries on the basis of the Russian system of subcontracting.
3. Create a platform for the interaction of technology parks and innovation centers EEC and the EU.
4. To carry out the mission in the country participating in the project to monitor the status of the project and negotiations with the partners of the project.
5. Conduct training seminars for centers of UNIDO in the EurAsEC countries (including the platform for the interaction of technology parks, methodologies and tools UNIDO).
6. Work with the Ukrainian partner organizations to connect Ukraine to the Project. In particular, it is the implementation of the arrangements for the establishment of the Center for International Industrial Cooperation, the development of subcontracting relations and the implementation of pilot projects and initiatives.
7. Development and implementation of pilot projects in the countries participating in the project, including the project on energy management system at the leading enterprises in Kazakhstan, the project to modernize the production chain of the textile industry in Armenia, the pilot project for the modernization of Russian suppliers of food products [1].

MEDIA COVERAGE

During the project there was produced a number of brochures, including a brochure, "The economic basis for the modernization and technological development of the industry. Strategic Management and Business Planning "[11]).



PARTNERS

Project partners are the largest international network of retail and wholesale businesses, ministries and technology transfer centers:

- The Ministry of Foreign Affairs of the Russian Federation,
- Ministry of Education and Science of the Russian Federation,
- Integration Committee of the Eurasian Economic Community
- Analytical Center under the Government of the Russian Federation
- National Partnership for Development of subcontracting
- Non-commercial partnership "Eurasian Business Council"
- State Committee on Science and Technology of the Republic of Belarus
- The National Technology Transfer Center of the Republic of Belarus
- The Armenian Development Agency
- State Committee on Investments and State Property Management of the Republic of Tajikistan

- Ministry of Economic Regulation of the Kyrgyz Republic
- Kazakhstan Industry Development Institute,
- METRO GROUP, METRO Cash & Carry and REAL Hypermarket.

Also, our partners are of "Kazahenergoekspertiza" Eurasian Development Bank. [1]



PHASE-OUT OF HCFCs AND PROMOTION OF HFC-FREE ENERGY EFFICIENT REFRIGERATION AND AIR-CONDITIONING SYSTEMS IN THE RUSSIAN FEDERATION THROUGH TECHNOLOGY TRANSFER

DESCRIPTION AND MAIN ACTIVITIES

The project is implemented with the support of GEF and the Ministry of Natural Resources and Environment. The project aims at the implementation of Russia's obligations under the Montreal Protocol and its aim is to conclude the production of HCFCs from refrigeration and foam 2015. Also, the task of technology transfer as part of the modernization of industrial enterprises.

An important feature of the project is the fact that in the exercise of conversion to non-ODS substances will be used technical solutions to avoid the consequences of global climate change - that is, it will not work under the transition to hydrofluorocarbons (HFCs) are widely used in modern air conditioners, refrigeration and foams. HFCs are potent greenhouse gases, and their regulation is the Kyoto Protocol [2].

In fact, the start of the project was implemented at the beginning of 2011 (the training was carried out from the end of 2008). And for this year, the project team managed to achieve substantial results. Consider the most important.

A coordinating committee of the Project, which consisted of representatives of the Ministry of Natural Resources of Russia, Russian Ministry of Foreign Affairs, the Centre for International Industrial Cooperation UNIDO in the Russian Federation and the NGO "Center for Cleaner Production and Sustainable Development." Chairman of the Steering Committee was elected representative of the Russian Ministry of Natural Resources, MP Volosatova.

A list of companies in the sectors of production of household, commercial and medical refrigeration, sandwich panels and insulated pipes, suitable for funding under the Project. A

number of companies in this list were assisted in the preparation of tender documentation (terms of reference and specifications for process equipment to be procured for the implementation of the conversion to non-ODS substances and technologies).

The component of the Project on institutional support were prepared proposals for institutional strengthening in the field of state regulation of ozone-depleting substances (ODS) and products containing them in the territory of the Russian Federation. To this end, requests were sent and received responses from more than 800 organizations: the self-regulatory organizations, industry associations, equipment manufacturers, research institutes and universities. Some of the suggestions were the basis of orders of the federal bodies of executive power, adopted at the 22 June 2011 meeting of the Government of the Russian Federation (protocol number 20).

UNIDO experts involved in the preparation of this meeting, as well as in other meetings, initiated by the Russian Ministry of Natural Resources (work plans UNIDO meeting of the Technical Committee of the "Environmental Protection" TK-409 and others). Have been prepared and submitted to the Russian Ministry of Natural Resources for submission to the Secretariat of the Montreal Protocol on Substances that Deplete the Ozone Layer, Report of the Russian Federation on the production, consumption, imports and exports of ozone-depleting substances in 2010 and the Order of the Russian Federation on the exemptions for critical uses of ozone-depleting substances (CFC-11 and CFC-12 in the manufacture of medical dose inhaler).

Was provided expert support of the Russian delegation, which participated in the thirty-first meeting of the Working Group of the Parties to the Montreal Protocol on Substances that Deplete the Ozone Layer (Montreal, 1-5 August 2011), in the IX Conference of the Parties to the Vienna Convention for the Protection of the Ozone Layer and the XXIII Meeting of the Parties to the Montreal Protocol on Substances that Deplete the Ozone Layer (Indonesia, Bali, 21-25 November 2011). [2]

In order to study the European experience in the field of regulation of fluorinated gases visit was organized Project Implementation Unit (PIU) in Belgium and the Netherlands, in which the meetings were held with representatives of the Ministry of Housing and Physical Planning and the Environment of the Netherlands, the organizations engaged in the certification of companies and personnel companies engaged in the production, installation and service of HVAC equipment.

The project was organized by the Russian Federation in the first celebration of the International Day for the Protection of the ozone layer of the Earth. This event was a great response (TV, press, internet), and his conduct was attended by over 200 people, including representatives of the Russian Ministry of Natural Resources, UNIDO, companies - manufacturers of air conditioners, the media, teachers and students of the college № 19 of Moscow. Also as part of the International Day for the Protection of the ozone layer of the Earth, a film of the UN Environment Programme (UNEP), "Antarctica, the ozone hole," translated into the Russian

language was done hydraulic fracturing. This film is available for viewing on the website www.unido.ru.

In December 2011, representatives of the SRC attended the meeting of the Commission on matters of international humanitarian and technical assistance to the Government of the Russian Federation. According to the results of the meeting of the Commission Draft UNIDO / GEF - Russian Ministry of Natural Resources has been registered as a technical assistance project (assistance).

An important step in the implementation of the project is the creation of a joint working group of the Open Russian Federal Customs Service and UNIDO for the preparation of a coherent program of action to strengthen control of the import and export of ODS and ODS equipment checkpoints across the state border of the Russian Federation by means of instrumental control, as well as working groups and the Russian Ministry of Internal Affairs Rosstandart, the purpose of which is to strengthen state regulation of trade in ODS and products containing them. [2]

MEETINGS, CONFERENCES AND SEMINARS

March 3, 2011, a conference dedicated to the start of the Project, which was part of the largest industrial exhibition "Climate World - 2011" (attendance at the exhibition - more than 20,000 people).

The conference was held with the support of the Ministry of Natural Resources and Environment in the Expocentre. During the conference, representatives of governments, international organizations and major companies in the industry climate and refrigeration discussed the most pressing issues related to implementation of our country's obligations under the Montreal Protocol [2].



October 5, 2011 a meeting was held with representatives of the Main Department of Economic Security and Anti Corruption Ministry of Internal Affairs of Russia. The issue under discussion - providing information assistance of UNIDO interdiction of ozone-depleting substances in the Russian Federation.



During the meeting the specific forms of institutional support for the FCS of Russia and the Russian Ministry of Internal Affairs, which will help in the implementation of these services instructions of the Government of the Russian Federation.

September 16, 2011 there was organized Russia's first celebration of the International Day for the Protection of the ozone layer of the Earth. The event obtained a great feedback (TV, press, Internet).

In holding the event was attended by over 200 people, including representatives of the Ministry of Russia, UNIDO, manufacturers, teachers and students of the college number 19, members of the media. The event was opened Children's Choir under the control of O. Kuznetsova (TSEVD "Mozart"). [2]

4-5 October 2011 ICSTI organized and held international seminar on transfer to ozone-friendly substances and medical technology metered-dose inhalers in the Russian Federation (64 participants).

The aim of the event was to discuss technology solutions to phase out CFCs by Russian companies, the discussion of alternative substances and technologies related to drug use, the preparation of a new project of UNIDO / GEF out the use of CFCs in the manufacture of medical dose inhalers.

Among the participants were representatives of the Russian Ministry of Natural Resources, the Health Ministry of Russia, Russian Roszdravnadzor interested Russian federal bodies of executive power, Russian and foreign manufacturers of medical metered-dose inhalers,

pharmaceutical associations and ministries of the CIS countries, as well as international and national experts and consultants UNIDO [2].



From 21 to 27 August 2011 a group of the Project UNIDO / GEF project on the conclusion of ozone-depleting substances in the Russian Federation, the European experience of studying regulation of fluorinated gases (F-gases). As part of this mission, meetings were held with representatives of the Ministry of Housing and Physical Planning and the Environment of the Netherlands, certification bodies (certification companies, the certification of personnel), manufacturers, companies, installers).

21-25 November 2011

Provide advice and expert support to the delegation of the Russian Federation, which took part in the joint 9th meeting of the Parties to the Vienna Convention for the Protection of the Ozone Layer and the 23rd Meeting of the Parties to the Montreal Protocol on Substances that Deplete the Ozone Layer (Bali, Indonesia).

In December 2011, the Commission held a meeting on international humanitarian and technical assistance to the Government of the Russian Federation (the Commission). Main results:

1. The UNIDO / GEF-Russian Ministry of Natural Resources entered in the register of the Commission.
2. The resulting set of documents for the recognition of goods and services purchased by the Federal State Unitary Enterprise "Production Association" Sergo Plant (" POZIS ") at the expense of the GEF grant, free technical assistance.
3. Established business relationship with the Secretariat of the Commission.

Also in December 2011, the following activities were implemented:

1. Provided advisory assistance to FSUE "PA" Sergo Plant (" POZIS ") in the preparation of documents for obtaining permits the Commission in due course.
2. Prepared technical specifications for tender preparation and publication in Russian edition of UNIDO «Preparing for HCFC phase-out: Fundamentals of uses, alternatives, implications and funding for Article 5 countries».
3. Prepared, finalized and agreed in advance the structure of the Analytical Report on the issue of withdrawal from circulation of ozone-depleting substances (technical project of Ministry of Russia.
4. Initiated training of hydraulic fracturing on the UN Security program.

In February 2012, together with the Russian Ministry of Natural Resources has been agreed upon the basic structure and the parameters of the analytical report prepared by UNIDO experts. Stages of preparation of certain sections of this report will be coordinated in accordance with the current needs of the Russian Ministry of Natural Resources. At the request of the Ministry of Russia, due to the postponement of the preparation of documents to February 2012, have translated the standard EU Regulation number 1005/2009 (Regulation (EC) № 1005/2009 of the European Parliament and of the Council of 16 September 2009 on Substances that Deplete the Ozone Layer), as well as information prepared by the phase-out of HCFCs EU.

In the same month, working meetings were held with the management of Honeywell Fluorine Products and DuPont, in which they discussed the prospects for critical sectors of the Russian economy alternative ozone-safe refrigerants with low global warming potential (including technology «drop in» - direct replacement refrigerants in refrigeration and air conditioning



equipment), as well as the potential involvement of these companies in the preparation and implementation of national strategies from the HCFCs.

UNIDO representatives took part in the inter-agency meeting with the Deputy Minister of Natural Resources and Environment of the Russian Federation SR Levi (the main task - to prepare Russian Ministry of Natural Resources and other interested federal executive authorities for a meeting with the First Deputy Prime Minister Viktor Zubkov on the organization of state regulation of ozone-depleting substances (ODS) and products containing them in Russia) [2] .

March 14, 2012 was organized by the Coordinating Committee of the Project UNIDO / GEF project on results for 2011 and the work plan for 2012 at the meeting of the Coordination Committee of the work of the Project Implementation Unit (PIU) has been found to be satisfactory and was named one of the best examples of the interaction UN and Russian Ministry of Natural Resources.

March 14, 2012 was organized by the Conference of UNIDO / GEF Project - Russian Ministry of Natural Resources' system regulation of ozone-depleting substances in the Russian Federation "in the largest conditioning and refrigeration exhibition" Climate World ".

The conference was attended by representatives of the Russian Ministry of Natural Resources, Ministry of Foreign Affairs of Russia, Russian Ministry of Industry, the Ministry of Defense of Russia, the Russian Interior Ministry, the Federal Customs Service of Russia, RPN and other interested federal executive authorities, executives, consultants and experts of the Project UNIDO / GEF to phase out HCFC trade in the Russian Federation, Russian and foreign scientists, heads of industry associations, climate and refrigeration companies, manufacturers of refrigerants (JSC "HaloPolymer», DuPont, Honeywell, and others), market professionals refrigeration and HVAC equipment (about 150 people).

Greetings to participants of the conference were sent to the Deputy Chairman of the Federation Council of the Federal Assembly of the Russian Federation Svetlana Orlova and the Deputy Minister of Natural Resources and Environment of the Russian Federation S.R.Levi. In addition to the professional discussion of means and methods of the HCFC phase of treatment and consideration of alternatives that are safe for the ozone layer and the climate of the planet, it was a lack of cooperation with Russia's largest producers of Freon "HaloPolymer" on the issue of transition to non-ODS technology.



Permanent control of the progress of work on the creation of a website project of UNIDO / GEF and the organization of PR-campaign project. [2]

FUTURE ACTIVITIES

1. Events for the withdrawal of HCFCs in the foam sector, in particular the preparation of technical documentation, tendering and delivery of the equipment to the beneficiary companies.
2. Strengthening the institutional capacity (an analytical report on the study of the European experience and the integration of the legislation in the field of regulation of ozone-depleting substances and greenhouse gases for the Russian Ministry of Natural Resources, the provision of institutional support and the Russian Federal Customs Service of the Russian Interior Ministry).
3. Development of the scheme disposal of ODS.
4. Life cycle analysis HCFCs / HFCs.
5. Development of project proposals for HCFC phase-out.
6. Stimulating growth market for energy efficient refrigeration systems that do not contain ODS, in particular - the preparation of the technical documentation, tendering.

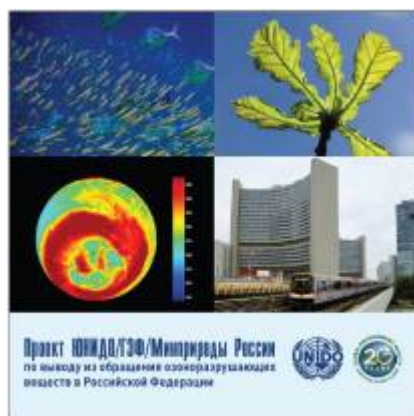
7. Organization of training for handling refrigerants (for the FCS of Russia, for experts in installation and maintenance of refrigeration systems).

8. The communication strategy.

9. Creating a system for monitoring the progress of the project.

MEDIA COVERAGE

Information support of the project is carried out in the bulletin "UNIDO in Russia", also has published in major publications and on websites of partner companies - Russian Ministry of Natural Resources, Climate World, etc. In addition, there was published a special brochure on the project [2].



PARTNERS

The project partners are:

- Ministry of Natural Resources of Russia,
- Russian Ministry of Public Health,
- RosZdravNadzor Russia,
- Rosstandart,
- the Ministry of Environment of Belarus,
- self-regulatory organization of the NP "ISZS-Installation and NP" ISZS-Project ",
- the Association of Climate Industry,

- St. Petersburg State University of Refrigeration and Food Technologies,
- Mitsubishi Corporation Electric,
- Corporation Daikin,
- "Iceberg"JSC,
- LLC "Elastokam",
- JSC "Dow-Izolan",
- JSC "SEPO-MEM",
- JSC "Mosflowline",
- OJSC "Polyus",
- JSC "Marikholodmash"
- Federal State Unitary Enterprise "Plant named after Sergo" ,
- JSC "Orsk refrigerator factory",
- LLC "Podolsktorgtehnika",
- JSC "Vladipur",
- JSC "Moshimfarmpreparaty" them. Semashko ",
- JSC" Altayvitaminy "
- association" Cold-life ",
- National Polytechnic College of number 19,
- the company" ADV2ADV ",
- JSC" EUROEXPO "(the largest exhibition company) and a number of other companies. [2]



BAT/BEP CENTRE FOR ENVIRONMENTALLY SAFE DISPOSAL OF POTENTIALLY HAZARDOUS CONSUMER PRODUCTS AND INDUSTRIAL WASTES

DESCRIPTION AND MAIN ACTIVITIES

The Russian Federation is facing a problem of constant increase in the volume of used consumer and industrial products, and the need to take serious measures for the application of modern methods to reduce the negative impacts of recycling and environmentally safe use of these products after cheating.

This project aims to create a high-quality management of electronic, electrical, rubber waste. These products, safe in use, can be hazardous and toxic processing and elimination of environmentally unsound ways after use.

The project aims to assist in the development and application of industrial strategy and management capabilities in a number of regions of the demonstration introducing BAT / BET for efficient recycling of these wastes, thus avoiding the creation of additional toxic and hazardous waste and saving natural resources by reusing and recycling of electronic components, electrical and rubber waste.

The process will be powered by improving basic legislation, strengthening the managerial and technical capabilities to provide information on improved BAT / BEP and to assist in their application.

The project is now being actively implemented, as follows:

- Are legislative work aimed at making changes to the legislation of the Russian Federation in the field of biohazardous waste in order to tighten the rules of utilization, the introduction of producer responsibility for importing products at the end of its life cycle, promoting waste recyclers. Center staff are involved in the Working Group of the Federation Council on the issue. The most significant emphasis is placed on the application of best available techniques and best

environmental practices (BAT / BEP) and the harmonization of Russian and foreign standards and regulations. The work is being conducted by national experts through participation in the Working Groups of the State Duma, the Federation Council and the Public Chamber of the Russian Federation.

- Presentation of project documentation creation of the International Information System "Atlas of best available environmental technologies", including a presentation of the project, designed the structure of the atlas and the presentation of information in it (data sheet).
- In conjunction with the Analytical Centre of the Government of the Russian Federation is developing a program for the creation of an expert panel, able to assess the environmental projects developed regions, jointly prepared with regional experts, the program of measures to improve the environmental situation and offer suggestions of technological equipment of the enterprises engaged in waste processing.
- Work with the Association of Trading Companies and Manufacturers of Consumer Electronic and Computer Equipment Manufacturers Association and Electronic Equipment in attracting their members to participate in a project of UNIDO in the management of WEEE in the territory of the Russian Federation.
- Work on the analysis of the natural environment of islands: Alexandra, Graham Bell, Hoffman, identify the main pollutants and their levels in the islands. Studied Russian and international experience and eliminate waste represented the spectrum of contaminants, used equipment and technology. As part of the program steps to clean up the archipelago of Franz Josef Land on the accumulated damage is working to develop specific proposals for environmental remediation of the arctic lands.
- In cooperation with the Ministry of Industry and Trade of the Russian Federation developed proposals to adjust and create a regulatory framework for the processing and disposal of waste tires in the Russian Federation
- Ongoing content databases of geographic information system "Monitoring of electronic, electrical and rubber waste» (<http://mero.unido.ru/unido3>, Fig. 19), which allows on-line monitoring of key generation and recycling of waste entering in the register of the project - waste rubber, electrical and electronic scrap.



- The project prepared a training course on recycling of electronic and electrical waste. [3]

MEETINGS, CONFERENCES AND SEMINARS

25.01.2011

The participation of national experts in the Working Group of the Project Advisory Council to improve the management of resources in the system of spatial planning in the Council of Federation of the Federal Assembly of the Russian Federation. The organizer of the event - the Federation Council of the Federal Assembly of the Russian Federation. The result was presented and agreed milestones for the project of UNIDO in Russia. Adopted as one of the pilot [3].

15.02.2011

Participation in the preparation of the Conference on IT "pilot" areas integrated waste management system. The organizer of the event - the Ministry of Natural Resources and Environment. There was discussion of the strategy and implementation of the project.

22.03.2011

Seminar on "Waste management: the state of the industry, international experience, long-term projects and new technologies." Organizer - Analytical Center under the Government of the Russian Federation

The seminar was attended by heads of permanent missions to the subjects of the Russian Federation under the President of the Russian Federation and the Government of the Russian Federation. There was discussion of the interim results of the Project, setting future goals for the regions of the Russian Federation, the involvement in the Situation Centers of Research Center of the Russian Government to monitor the situation with waste and enter the administrative decision.

1-2.06.2011

Conference "Current approaches to waste management system RTI and used tires." The organizers made the team UNIDO Centre in Moscow together with the leadership of the State University of Oil and Gas. Gubkin Russian Chamber of Commerce, Ministry of Natural Resources. The conference was attended by representatives of foreign manufacturers of tires (Michelin, Goodyear, Yokohama, Bridgestone; European Tire and Rubber Manufacturers' Association), companies engaged in recycling of tires and rubber products in Portugal, Belgium, the USA, Turkey, Japan, Russia and the CIS, members of the legislature of the Russian Federation at the federal and regional levels, UNIDO experts. Only about 120 people. Conference and round table chaired by the Deputy President of Rubber Pavements Association, United States, Dr. George B. Sousa (Dr. Jorge B. Sousa). The main results of this event are as follows:

- Discussion of the strategy and implementation of the project, the involvement of new partners

- Preparation of documentation (resolution on the results of the conference, press releases, CD-drives, photos and video).

Prepared and signed a memorandum of cooperation between the Centre for International Industrial Cooperation UNIDO in the Russian Federation, the Moscow State Automobile and Road Technical University (MADI) and the Association of asphalt rubber (Rubber Pavement Association).

03-10.10.2011

Conference on waste of electrical and electronic equipment, Orlando, USA. At the conference, the presentation and discussion of the project of the international experience of electronic waste management system, as well as negotiations with partners.

18.10.2011

Consultation "The existing situation and approach to creating a sustainable system in Russia for the collection and recycling of used tires." Organizers - The headquarters of UNIDO Centre for International Industrial Cooperation UNIDO in the Russian Federation, Association for the recovery and recycling of tires "Shinoekologiya" ANO "International Center of best environmental technologies." Among the participants were representatives of the Ministry of Natural Resources and Environment of the Russian Federation Chamber of Commerce and Industry of the Russian Federation, more than 40 representatives of the importers and manufacturers of tires, such as Michelin, Goodyear and Nokian Tyres, Bridgestone, Continental, SIBUR - Russian Tyres, Tatneftehim, as well as leaders the largest companies specializing in the recycling of used tires in Russia.

The meeting decided to hold with the Chamber of Commerce of the Russian Federation coordinated the work in accordance with the Federal law of the Russian Federation in the field of waste production and consumption, and also expressed their willingness to participate in working groups for the preparation of normative legal acts of the Ministry of Natural Resources and Environment of the Russian Federation of treatment with worn tires. To implement the model of producer responsibility (importer) was proposed to establish a management company with importers, manufacturers and processors of scrap tires in the form of non-profit organizations whose primary function is to organize a system of collection, transportation, sorting and recycling of tires on the territory of the Russian Federation. [3]



10-11.11.2011

International Conference "Waste management: technologies and investments." The event was organized Analytical Center under the Government of the Russian Federation together with the UNIDO Centre in the Russian Federation. The conference was attended by representatives of regional administrations of the Russian Federation, foreign representatives (Germany, U.S.), Federal, State enterprises of Russia. Following the conference resolution was prepared and reached an agreement with the Analytical Center of the Russian Government to work together to monitor the formation of othodopererabatyvayushey industry in the Russian Federation with the potential involvement of a Situational centers in the regions of the Russian Federation.

07-10.2011

Evaluation of pollution areas of the archipelago of Franz Josef Land. Work on the analysis of the natural environment of the island Alexandra Land, Graham Bell, Hoffman, identify the main pollutants and their levels in the islands. Studied Russian and international experience and eliminate waste represented the spectrum of contaminants, used equipment and technology.

As part of the program steps to clean up the archipelago of Franz Josef Land on the accumulated damage is working to develop specific proposals for environmental remediation of the arctic lands.

20.10.2011

Round table "Integrated waste management. The use of recycled materials in production. Technology and investment "within the framework of the 8th International specialized exhibition of equipment and technologies for the collection, treatment and disposal of waste« WAS_MA-2011 ", Moscow. The participants of the event were: representatives of the government of the Russian Federation - the heads of enterprises engaged in the field of waste

production and consumption, representatives of research organizations working in the field of environmental protection, representatives of environmental organizations.

15.12.2011

With the support of the Russian Federation Chamber of Commerce held a round table on the theme: "On the establishment of the Russian system of collection and deep processing of waste rubber and waste tires." Participants of the event were: the Ministry of Industry and Trade of the Russian Federation, the Ministry of Natural Resources and Environment of the Russian Federation Chamber of Commerce and Industry of the Russian Federation, State Corporation "Russian Technologies", the leaders of the world's leading companies in the production of tires: Michelin Russian Tyres, Goodyear Russia LLC, Yokohama Russia, Bridgestone CIS LLC, Continental Tires Rus LLC, Nokian Tyres, Pirelli Tyre Russia, "Sibur-Russian Tyres", "Nizhnekamskshina 'Association of the recovery and recycling of tires" Shinoekologiya "as well as the heads of the largest companies specializing in the recycling of used tires in Russia. The decision on the results of the event was sent to the Government of the Russian Federation.

1.03.2012

International Round Table "Coordination of the legislative, the executive and the business community for the Stockholm Convention on Persistent Organic Pollutants (POPs)." The final resolution was adopted, providing for greater coordination of joint activities of the Government of the Russian Federation, the Federation Council, the State Duma and the UNIDO Centre in the Russian Federation towards the practical implementation in Russia of the Stockholm Convention, ratified by Russia in 2011.

1.03.2012

The Annual Meeting of the Association promote the recovery and recycling of tires. As a result of the event, it was decided by the Association as an industry operator to manage the process of collection, recovery and recycling of used tires.

16.03.12

The expert meeting with the head of UNIDO profile department of the Ministry of Industry and Trade of the Russian Federation. During the meeting they discussed the practical application of the changes previously proposed by UNIDO experts to create in Russia a system for the collection and recycling of used automobile tires [3].

03.04.2012

At the initiative of the Analytical Center of the Government of the Russian Federation and the Center for International Industrial Cooperation UNIDO in the Russian Federation and supported by the Finnish company Kuusakoski Oy seminar - workshop "Issues of Waste Electrical and Electronic Equipment", dedicated to the discussion of the situation in the field of waste electrical and electronic equipment and problems of their disposal.

The meeting was attended by over 100 participants: representatives of the manufacturers of processing equipment, including major international corporations, which operate on the territory of the Russian Federation, the number of major retailers, who sell on the Russian market of electronic and electrical appliances, heads of companies, The recycling of large household appliances, representatives of the 37 regions of the Russian Federation Government, businessmen from Finland, Sweden, Kazakhstan.

The participants adopted a resolution in which, in particular, it was proposed to establish on the basis of the Analytical Center of the Government of the Russian Federation working group "Project on recycling of WEEE in Russia", which will develop a proposal to the Government and the State Duma of the Russian Federation to establish a mechanism for recycling your old electronic and electrical equipment in the Russian Federation, based on international experience. [12]



FUTURE ACTIVITIES

- Dissemination of experience and training programs in the field of environmental protection projects to create awareness and practical opportunities in other regions of Russia, as well as in the countries of the Eurasian Economic Community.
- Participation in the meeting of the Committee of the Moscow Chamber of Commerce on "The infrastructure for the collection of secondary resources and hazardous waste in the city of Moscow."
- Carry out April 3, 2012 International seminar "Questions recycling of waste electrical and electronic equipment". The seminar-meeting will be attended by representatives of the governments of the regions of the Russian Federation, producers of electrical and electronic equipment, WEEE processors. Invitations to participate in the seminar meeting directed the management of the EurAsEC. The aim of the workshop is to bring together the legislative and executive authorities of the Russian Federation and the business community in the practical

implementation of the provisions of the "product liability", which will be legally accepted in Russia this year.

- Up to 15 April in conjunction with the Association to promote recovery and recycling of tires "Shinoekologiya" to prepare a proposal to the Government of the Russian Federation to organize the collection, transportation and disposal of used tires in the Russian Federation.
- Prepare and conduct introductory workshops for other regions of the Russian Federation, as well as interested organizations in Belarus, Armenia and Ukraine with the presentation of the results of the project, the concept of a specialized center and the BAT / BEP adapted to local conditions.
- Prepare printed materials and publications on the results of the project.
- Participation in working groups for the preparation of subordinate legislation of the Russian Federation Ministry of Natural Resources.
- Choice of partner companies for joint activities with foreign companies engaged in projects in the field of collection, recycling and safe disposal of waste, the use of modern technologies
- Select the 2-3 most successful schemes for the collection of waste and recycling, as well as the preparation of business plans for their use in the local context.
- The involvement of private partners for the implementation of the chosen schemes.
- Provide training for staff in Moscow and the Kazan various aspects of EEL and rubber for consultation and consulting for the transfer of best available technologies. Including the countries of the Eurasian Economic Community [3].

MEDIA COVERAGE

The project activity is supported by publications in the bulletin "UNIDO in Russia" (article "International scientific-practical conference" Modern approaches to problem solving waste rubber goods and tires », № 3, and other printed material. [3]

PARTNERS

The project partners are the various international organizations, namely:

- The International Partnership for the extension services of the local authorities on waste management (International Partnership for Expanding Waste Management Services of Local Authorities - IPLA). An international organization whose main objective is to promote cooperation between local authorities, the private sector, international organizations, academic

and research institutions and non-governmental organizations in achieving sustainable waste management.

- International Initiative "Addressing electronic waste» (Solving the Electronic Waste Problem - StEP). One of the most important international organizations concerned with the management of WEEE.
- The Institute of Scrap Recycling (Institute of Scrap Recycling, Inc.). International professional organization of different types of waste recyclers. Based in the United States (Washington).
- Kuusakoski Oy - Finnish company engaged in the processing of waste (tires and industrial rubber products, construction waste, WEEE plastics), as well as consulting in the field. Implements some of the programs in the field of energy.
- Analytical Center under the Government of the Russian Federation
- Association of Trading Companies and Manufacturers of Consumer Electronic and Computer Equipment "RATEK"
- State University of Oil and Gas named after IM Gubkin
- Russian Peoples' Friendship University (University)
- Moscow State Automobile and Road Technical University (MADI)
- "SEC" NIISHP "
- FBU "" Research Center for resource conservation and waste management "(NITSPURO)
- Association for the recovery and recycling of tires "Shinoekologiya" - a non-profit organization that brings together the leading enterprise for tire recycling
- "Combine environmental services"
- Shanghai Center of international mutual transfer of technology (Shanghai Co-way International Technology Transfer Center Co., Ltd)
- Association of Electronic Equipment [3]



MARKET TRANSFORMATION PROGRAMME ON ENERGY EFFICIENCY IN GREENHOUSE GAS-INTENSIVE INDUSTRIES IN THE RUSSIAN FEDERATION

DESCRIPTION AND MAIN ACTIVITIES

Since January 2011, Russia is involved into the UNIDO project on Industrial Energy Efficiency. The project will last for 4 years.

This project is part of a global program of UNIDO's industrial energy efficiency calculated for the BRICS countries and a number of newly industrialized countries of South-East Asia and Latin America. The focus of the project is on the promotion of a new international energy management standard ISO 50001, the development of which UNIDO has played a leading role.

In 2011, this standard has been approved by the ISO and is currently the most advanced global format in the field of energy management. The standard is recognized by all major countries, including the EU, USA, Japan, which has already taken its analogues, currently scheduled its adoption in the Russian Federation. Standard ISO 50001, as well as ISO 9001 and ISO 14001, based on the principles of gradual modernization of production.

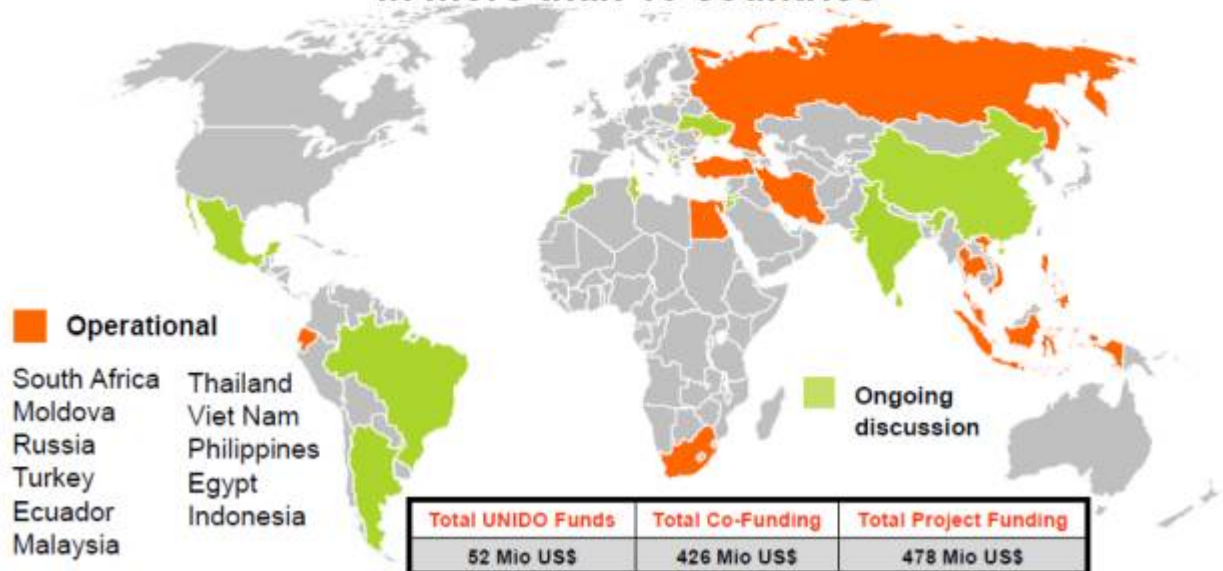
The main objective of the project is the comprehensive training of Russian industrial enterprises to upgrade them to improve the energy efficiency of production and reduce energy consumption.

The project is coordinated EBRD and UNIDO representative in Russia and the headquarters of these organizations in London and Vienna. Project implementation in Russia are engaged in two business units for project management. Major PARTNERS project in government - the Ministry

of Energy (including FGBU "CEA", which is delegated coordination functions), Ministry of Economic Development, Ministry of Industry. [4]

UNIDO EnMS/ISO 50001 Programme

Operational in 11 countries; ongoing & planned activities in more than 10 countries



Officially, the project consists of 4 components:

1. Education and training of managers and professionals in the field of energy efficiency and energy management (implemented by UNIDO).
2. Technical assistance to small and medium enterprises, including energy audits, energy management systems and the development of investment plans for the 10 companies (managed by EBRD).
3. Technical assistance to small and medium enterprises, including energy audits, energy management systems and the development of investment plans for 40-50 companies (ongoing UNIDO).
4. Development of recommendations in the field of energy efficiency policies in the industry (UNIDO implemented). Thus, the responsibility of the UNIDO Centre covers three main components of the products of which are shown below.

The component 1 included the following steps:

- Completed expert evaluation of three training packages UNIDO (Energy Management Systems (Energy Management Systems), optimization systems - air conditioning (System Optimization - Fans), optimization systems - pumps (System Optimization - Pumps)).

- Organized by UNIDO and the interaction of CEA on training staff in the National webinar on energy management. The total number of participants in the webinar - 25,000 people. Material UNIDO has attracted the greatest interest of the participants.
- Work is underway to adapt the first three training packages UNIDO to Russian conditions (ongoing selection of Russian experts and the development of a roster of competences).
- Training for the organization of two workshops on energy management and system optimization in Moscow and Vienna with the participation of international experts UNIDO.
- An agreement with CEA for further joint work of UNIDO and CEA on training personnel in national webinars on energy efficiency and energy management.

The component 3 included the following steps:

- At present, are in the final stage of a tender for the selection of sub-contracts for companies in various industries targeted for participation in the project.
- A number of measures for the Russian industry, with the aim of promoting the project and attract the attention of managers and chief engineers to participate in it.
- Work has begun on the implementation of energy management standard ISO 50001 for Russian companies, including consulted with Russian companies and consulting firms, the management of UNIDO presented proposals for a methodological framework, etc.
- The development of skills for the preparation of guidance on developing and implementing standard 50001 on the basis of UNIDO.

The component 4 included the following steps:

- The development of competence in energy saving certificates (Certificate of energy - White Certificate (Energy Saving Certificate-White Certificate), including appropriate consultation with the CEA.
- Conduct research on the systematization of international experience in energy saving certificates.
- Consultations with the CEA and the headquarters of UNIDO on current research topics within the component 4 (added theme of "systems of voluntary certification in the field of energy management" and "system of trade greenhouse gas emission reduction"). [4]

MEETINGS, CONFERENCES AND SEMINARS

In order to promote the project and attract the attention of the leaders of Russian industrial enterprises to participate in it held a presentation of the Project to the following actions:

- Forum "Russian Industrialist" - enterprises of the city (St. Petersburg, 29.09.2011).
- Round table "Energy efficiency and energy passports training: the experience of Russian and British companies" (Consulate General of the United Kingdom, 29.09.2011)
- Presentation to the management and representatives of the regional branch of the Russian Public Organization of Small and Medium Enterprises "Support of Russia" (Moscow, 27-28.10.2011 city)
- Hold a joint seminar on the project with the participation of representatives of UNIDO, EBRD, CEA and Entrepreneurs (Moscow, 25.11.2011)
- Participation in the conference ReEnergy (Moscow, 24-26.11.2011 city, organizer Mienergo-RF)
- Participation in the conference NewEnergy (Moscow, 07.12.2011, organizer - Rosatom and Inter RAO UES)
- Participation in the International Energy Forum (Moscow, 20.12.2011, organizer - Administration of the President of the Russian Federation)
- Participation in the Vladimir Energy Forum (Suzdal, 17.02.2012, organizer, and the Government of the RSPP)
- Participation in the Krasnoyarsk Economic Forum (Krasnoyarsk 16-18.02.2012, the organizer - the Government of the Russian Federation)
- Participation in the conference on plastics industry (Moscow, The Ritz-Carlton, 29.02.2012)
- Presentation of the report of the Annual Report of UNIDO's Industrial Development 2011 (Moscow, 29.02.2012, organizers of UNIDO and Analytical Center under the Government of the Russian Federation). [4]

FUTURE ACTIVITIES

In 2012 it is planned to implement:

For component 1:

- Complete the adaptation of the first three training packages UNIDO, translation and distribution.
- Conduct training on energy management and system optimization with the participation of international and Russian experts UNIDO based on customized training packages UNIDO (at least two courses for different segments of the Russian audience)
- Provide further joint work of UNIDO and CEA on training personnel in national webinars on energy efficiency and energy management.
- Conduct peer review for at least three training packages UNIDO system optimization.
- Complete the competitive selection of Russian experts and the development of competencies to adapt the following three training packages UNIDO.
- Begin work on the adaptation of the following three training packages with the assistance of UNIDO UNIDO experts and subcontractors.

By component 3:

- Completion of the selection of companies for the various target sectors to participate in the project.
- Completion of the development of guidelines on the implementation of UNIDO, ISO 50001 for Russian companies (components: control systems and technical support).
- Presentation of methodological recommendations UNIDO implementation of ISO 50001 in Russian enterprises.
- Organization of the tender and beginning work in enterprises to conduct energy audits, energy management, system optimization.
- Development and coordination skills to implement the second phase of work at the enterprises to carry out energy audits, energy management, system optimization.

By Component 4:

- Completion of the tender for a subcontract on "Energy Saving Certificates" and the conclusion of the contract.

- Perform on "Energy Saving Certificates", report preparation, presentation of the results.
- Preparation and organization of the tender for the sub-contract for a system of voluntary certification in the field of energy management, contracting, start of work
- Development and coordination skills by organizing trade system for reducing emissions of greenhouse gases.
- Preparation and organization of the tender for the sub-contract for the above systems.
- Consultation with the CEA and HQ on promising research topics for future inclusion in the list of tasks for Component 4 [4].

MEDIA COVERAGE

In the bulletin "UNIDO in Russia» № 4, 2011, an article by the Director General State Organization "Russian Energy Agency" TV Ivanov and Adviser to the Director of State Organization "REE, national coordinator of the project, SA Roginko dedicated to the main areas of the project and its relationship with the national policy of energy efficiency in Russia (http://www.unido-russia.ru/archive/num4/art4_10).

PARTNERS

The project partners are Russia's leading financial institutions, major energy companies, public association of small and medium-sized businesses in Russia: OAO "Gazprombank", JSC "VTB", Federal State Unitary Enterprise "Federal Energy Service Company" (FSUE "FESKO" at the Ministry of Energy of the Russian Federation), the management and regional offices All-Russian Public organization of Small and Medium enterprises "Support of Russia".

Major PARTNERS project in Russian government are - the Ministry of Energy, Ministry of Economic Development, Ministry of Industry.

Potential PARTNERS of the Project - Gazprombank and VTB customers, as well as members of the All-Russian Public Organization of Small and Medium Enterprises "Support of Russia" [4].



IDENTIFICATION, EVALUATION AND PRIORITIZATION OF POLLUTION “HOT SPOTS” WITHIN THE MIDDLE AND LOWER VOLGA RIVER BASIN, RUSSIA

DESCRIPTION AND MAIN ACTIVITIES

The purpose of the project is to improve water quality and reduce the negative impact of industrial activity at the regional level and in the cross-border area within the basin of Middle and Lower Volga, through the implementation of an integrated approach UNIDO to implement environmentally sound technology (TEST), aimed at increasing the environmental performance enterprises. At present the project is under active implementation.

There was organized by the Autonomous Nonprofit Organization "Volga International Cleaner Production Centre." There was developed and implemented GIS system for the collection, processing information about water pollution and for prediction possible negative processes [5].

During 2011 and early 2012 the following activities were carried out:

MEETINGS, CONFERENCES AND SEMINARS

November 2010

Education Coordinating Committee on the implementation of the project with the participation of representatives of the Ministry of Foreign Affairs of the Russian Federation, the Ministry of

Natural Resources and Environment of the Russian Federation, the Plenipotentiary representative of the Russian Federation to the International Organizations in Vienna, the Government of the Republic of Tatarstan, the executive and legislative branches in Moscow and the Moscow region, UNIDO, other interested public authorities and organizations

06.12.10-31.12.11

A full list of enterprises that discharge polluted runoff into water pool was developed. This includes the following activities:

- The calculation of the effective mass discharges.
- Pre-ranking and selection of "hot spots."
- Preparation of information and programs to fill the tables for a detailed assessment of selected businesses, major pollutants of the middle and lower Volga.
- Development and implementation of UNIDO GIS to collect, process the information and prediction of the possible negative processes.
- The tables for a detailed assessment of selected businesses, major pollutants of the middle and lower Volga.
- Prioritization of "hot spots" on the basis of a detailed evaluation. The selection of 12-15 companies to implement the program TEST.
- Conduct meetings and negotiations with the leaders of local authorities and partners in the implementation of the Project and for an international training seminar.

March 2011

An important step in the development of the project was the establishment of the Autonomous Nonprofit Organization "Volga International Cleaner Production Centre."

May 2011

Visits to national and international companies from a list of experts to prioritize in the lower basin of the Volga and the tender for the purchase of laboratory equipment for the ELN.

29.03.-31.03.2011

During the Congress, "Clean Water - Kazan 2011" a seminar on the Project was organized by JSC "Kazan Fair" and supported by the Ministry of Natural Resources, the Ministry of Economic Development, Ministry of Regional Development of the Russian Federation, the Russian Water Association, the Ministry of Construction, Architecture and Housing and Communal Services of the Republic of Tatarstan, the Ministry of Ecology and Natural Resources of the Republic of

Tatarstan, the Mayor's Office Kazan, the regional branch of United Russia, the FGI "Tatarstan Center of Standardization, Metrology and Certification".

Among the main results of the workshop are the following:

- Discussion of the project with federal, republican and municipal authorities, as well as with interested representatives of major regional industrial enterprises.
- Presentation of GIS.
- Discussion on the implementation of similar projects in other regions of the Russian Federation.
- Presentation of the methodology developed by UNIDO TEST, which will allow the industry to develop recommendations to reduce the anthropogenic impact on the environment, improving the environmental and economic performance of companies through the implementation of effective technical management and cleaner production methods.

15.09-06.10.2011

A series of training seminars in Toronto on water resources management and vodochistke, knowledge transfer companies, specializing in the territory of Canada to the authorities of the Astrakhan region and industry rep. Tatarstan and representatives of the Moscow office of UNIDO.

Also held a training workshop on "Chemical Leasing" in Kazan, rep. Tatarstan. The workshop brought together representatives of the German consulting company Bi Pro, Head of Chemical Leasing Ms. Sonia Bauer (Sonya Bauer). Ms. Bauer has made presentations on the following topics: "The general concept of the program on chemical leasing", "objectives and the basic tools of the Chemical Leasing" and "Chemical Leasing and responsible production - the basis for effective chemical management."

The seminar was held special training sessions with experts on the use of the concept of UNIDO Chemical Leasing in relation to Russian companies. Workshop participants expressed great interest in this subject [5].

14.03-16.03.2011

A meeting with experts from the University of Kazan. The questions to get you started on creating an interactive geographic information system (GIS)

28.03 at the invitation of the administration Mamadysh region and according to the project work plan for 2011, a trip to Mamadyshsky area. The presentation of project and meeting with the leadership of the district, the legislative and the executive, the mayor Mamadysh, director of the Office of Water Resources, the director of the oil-cheese factory (now a candidate for the status of a hot man-made point. At the training seminar was attended by national and international experts.

It was the beginning of work on the creation of an interactive geographic information system GIS - UNIDO, which was presented at the Second International Congress of the "Clean Water. Kazan 2011 ". Discussed and amended version of the interactive presentation of GIS software for the fourth Nevsky International Ecological Congress.

In the course of the Second International Congress "Clean Water. Kazan 2011 "had a general discussion on the project. Made 5 reports for the Project and in areas of UNIDO. According to the results of the discussions on the forum adopted a resolution: to help and assist in the work of the Project.

Consultations were carried out according to the principles and activities of UNIDO, due to the need to change the negative attitude of some of the forum participants to the activities of international organizations in Russia.

An agreement on cooperation with representatives of the Astrakhan region, the Republic of Kalmykia and the Ulyanovsk region.

Also a website WWW.NCPC-RUSSIA.RU was developed, which operates successfully with the support of UNIDO experts of the Center [5].

April 2012

During the visit, SA Korotkov in Kazan, Tatarstan, a meeting with the President of the Republic of Tatarstan Rustam Minnikhanov. The meeting discussed issues of cooperation on cleaner production programs and the possibility of building on the territory of the Republic of the project office of UNIDO.

Tatarstan President supported the proposal and instructed the Cabinet to prepare all the necessary measures for the opening of an office of the republic of Tatarstan. Also met SA Korotkov with the Minister of Ecology and Natural Resources of Tatarstan Artem Sidorov and Deputy Minister of Forestry of Tatarstan Haris Musin. By UNIDO at a meeting also attended by international UNIDO expert Susan Christian (Christian Susan).

The meeting discussed the UNIDO / GEF project on afforestation 10 thousand hectares of land in Tatarstan by planting seedlings. The main objective of this project - the promotion of technological transfer and the formation of forests in the water protection zone of Tatarstan. Artem Sidorov expressed readiness to provide all of the RT in the preparation of the necessary documents for the preparation of an application for GEF and provide all necessary information to experts UNIDO.

FUTURE ACTIVITIES

The plans for the coming year are the following:

- Supply of equipment for technical equipment of ANO "Volga Cleaner Production Centre"
- Continue filling the GIS database of UNIDO, the creation of interactive presentations and interactive instruction on the use of the system
- Identification and selection of companies for the project TEST
- Preparation of the primary analyzes, presentations and written materials for distribution
- Conduct specialized training courses TEST for engineers and technicians in the demonstration / pilot plants
- Implement tools TEST (CPA, EMS and EMA) in individual companies
- Assessment of the environmental and economic benefits associated with the proposed implementation of an integrated approach TEST
- Evaluation of the technical and financial deliverability of targeted demonstration / pilot projects
- Apply the knowledge gained in industrial enterprises that participated in the selection process
- Preparation of a publication on the application of the approach TEST
- Organization of seminars and working groups
- Initiate the formation of bonds between the parties TEST and other agencies / national experts

MEDIA COVERAGE

The most important event of the project were highlighted in the bulletin "UNIDO in Russia"



(article "Identification, assessment and grading of hot spots in transboundary water bodies, and the transfer of environmentally sound technologies», № 2). Also published a brochure on the project [5].

PARTNERS

The project partners are: the Government rep. Tatarstan, the State Duma Committee on Natural Resources, Environment and Ecology of the Russian Federation, the German consulting company Bi Pro and a number of ministries and departments of the Russian Federation. [5]



TECHNICAL CAPACITY BUILDING IN FISHING AND SEAFOOD PROCESSING TECHNOLOGY IN SIERRA LEONE FUNDED BY RUSSIAN FEDERATION

DESCRIPTION AND MAIN ACTIVITIES

The objectives of this project are to create jobs in the fishing and fish processing, increase the competitiveness of local producers of fish products, the increase in food production, the development of education of the Republic of Sierra Leone. At present the project is under implementation tasks for the development of education of the Republic of Sierra Leone (creation of the Training Center) and the creation of jobs in this area through the training of qualified personnel and to attract foreign companies in the sector. During 2011 and early 2012, the following activities were carried out. [6]

01.01-31.05.2011

Prepared the concept of a complex of buildings of the Training Centre in Freetown. Negotiated and organized work on allocation of land for the building site in Freetown. Presentations of the building project for the heads of UNIDO (Vienna), the Government of Sierra Leone. Obtain necessary permits and approvals for construction.

06-08.2011

The tender for selection of the developer from Russia. Prepared tender documents, tender for the selection of the general contractor for the construction of buildings of the Training Center. The results of the tender. Winner - ZAO "PSF" Norveststroy ", Russia.

09-10.2011

With the company, the general contractor contract for performance of work on the project. The Company has developed and introduced the necessary project documentation that was passed

for approval to the Government of Sierra Leone. The company was paid an advance of \$ 84,000 USD.

October 2011 – present

- In Freetown attended by representatives of the general contractor, which, together with the accredited engineer UNIDO carried out preparatory work (analysis of soil conditions at the site, the preparation of technical and construction documents, etc.). Also, engineers are working in coordination with the subcontractor assembly steps on the part of Sierra Leone. Currently, General Contractor completed estimating area under construction (geodesy / Geological preparatory basis)
- Funding for the second phase of the project for the period from 01.01 to 31.12.2012 pre-approved by the donor (RF). The second stage involves the organization of training programs, the training of local teachers and professionals, installation of simulators for training, multi-media classrooms. These funds will be available for use after the approval of other donor projects are also funded by a contribution of the Russian Federation to the IDF.
- Prepared concept of the complex of buildings of the Training Centre in Freetown. Negotiated and organized work on allocation of land for the building site in Freetown. Presentations of the building project for the heads of UNIDO (Vienna), the Government of Sierra Leone. Obtain necessary permits and approvals for construction.
- The Government of Sierra Leone, work began on clearing the site from remnants of the foundation of previous structures for the official transfer of land for construction of the General Contractor. Also, the Government of Sierra Leone has decided to allocate 70 million U.S. dollars for the clearing of the site from the remnants of the old foundation and concrete barriers, according to the agreement between the governments of the Russian Federation and the Sierra Leone



- Building construction for the installation of the Training Corps building and decoration materials, weighing 30 tons, delivered to the port of Freetown, is expected to discharge.

19.11.2011

There was a report of the Forum on Investment in the Republic of Sierra Leone. Presentation of the draft heads of ministries and departments of the Government of Sierra Leone held at the President Hotel, Moscow. With Minister of Finance and Minister of Justice of the Republic of Sierra Leone agreed procedure of interaction to provide priority support for the project benefits from the Government of Sierra Leone.

04.04.2012

Groundbreaking ceremony of the first buildings in the complex of the Institute of Fisheries, Freetown, Sierra Leone. At a ceremony attended by the Director-General of UNIDO Kandeh K. Yumkella (Kandeh K. Yumkella), Executive Director of UNIDO Dmitry Ivanovich Piskunov, Ambassador Extraordinary and Plenipotentiary of the Russian Federation in the Republic of Guinea and the Republic of Sierra Leone, Alexander V. Bregadze, Ambassador of the Republic of Sierra Leone to Russia John Saram Francis Yambasu, members of the Cabinet of Ministers of Sierra Leone. [6]





FUTURE ACTIVITIES

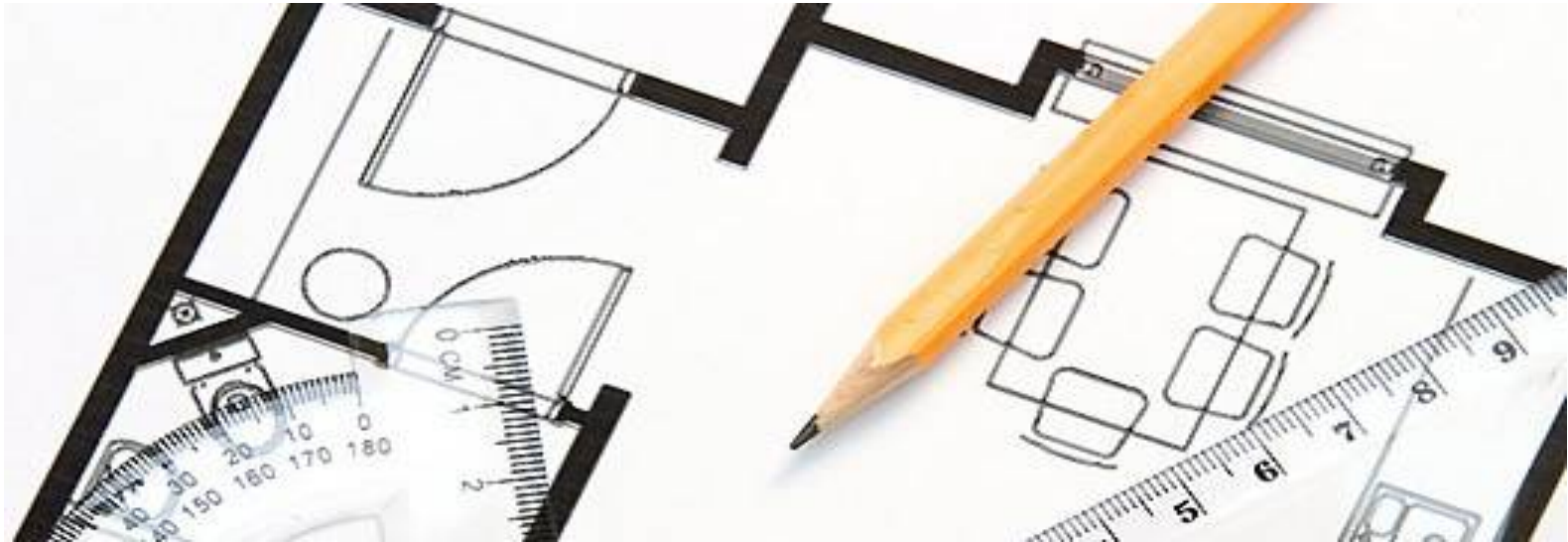
- Site preparation work and construction of the fence around it.
- Alignment of the site and pouring the foundation.
- Construction of the frame of the Training Corps.
- Preparation and implementation of the system of tenders for electricity, water and sanitation Institute.
- Develop training programs and selection of candidates for the posts of teachers of the Institute and their subsequent re-training in Russian schools.
- Preparation of training facilities for training teachers of the Institute.

MEDIA COVERAGE

Publication in the bulletin «UNIDO in Russia», accredited by the UNIDO in the Russian Federation, in "Sierra Leone: the continuation of cooperation." Release information brochure on the project. [6]

PARTNERS

The project partners are the Maritime State University. adm. GI Nevel, Moscow State University of Technology and Management, the Government of Sierra Leone. [6]



UPCOMING PROJECTS

Currently the active preparation to implementation of new projects UNIDO Centre is on the way. Further details on each of them is below.

PREPARATION OF AN OPPORTUNITY STUDY FOR THE ESTABLISHMENT OF A MEAT CANNING PLANT AT ALTANBULAG FREE TRADE

The main objective of this project - to conduct a comprehensive analytical study for the preparation of studies for the construction of a plant for the production of meat products in the Free Trade Area of Mongolia "Altanbulag."

The main stages of the project include: the preparation of marketing research, the preparation of an investment project, the preparation of a package of legal documents on the establishment of a joint Russian-Mongolian venture for the production of canned meat in the free economic zone Altenbulag, Mongolia [7].

From 14.02 to 18.02.2012 UNIDO's mission was accomplished in Irkutsk, meetings and negotiations with the government of Irkutsk region, Irkutsk Agricultural Academy, Irkutsk, customs, Irkutsk meat processing plant, local investors from large business Irkutsk region. A total of 14 meetings.

We are now preparing an agreement with the Irkutsk Agricultural Academy to conduct market research on market sales of canned meat production in the Irkutsk region of Mongolia, rep. Buryatia and Krasnoyarsk Krai. On the basis of this investment project will be made.

Objectives for the next period of this project are:

1. Create a marketing plan

2. Preparation of an investment project
3. Develop options for the legal form of a joint venture Russia-Mongolia
4. To assist investors in the preparation of the financial and legal documents for participation in the project, including the development of a business plan in the standard COMFAR III.

Expressed interest in collaborating organizations such as: Administration of the Irkutsk region represented by the Ministry of Agriculture of the Irkutsk region, Irkutsk Agricultural Academy, Irkutsk Meat Processing Plant, JSC "Ermak", LLC "Irkutsk" [7].

REGIONAL (CIS) CAPACITY BUILDING FOR DEVELOPING REGIONAL AND NATIONAL PROGRAMMES FOR MITIGATION OF GLOBAL ENVIRONMENTAL PROBLEMS

This project is aimed primarily at creating conditions for strengthening regional cooperation for the training and funding for projects in the field of global environmental problems. The main objectives of the project are:

- Strengthening cooperation between CIS countries
- Preparation of the Working Group of experts in the management of regional projects
- Increasing the share of financing projects in the CIS from the GEF
- Concept development projects in key areas of the participating countries
- The priority for the Russian technology
- Preparation up to 10 pre-conceptions (PIF) to receive GEF grants for environmental issues totaling up to \$ 20 million.

The project provides for the participation of all the CIS countries that have expressed an interest in regional and international cooperation. The project will conduct trainings and seminars with the participation of international experts, UNIDO and GEF.

Currently the project is in the stage of deployment, namely, compiling a package of project documents and approval of the Working Group of the project. March 20, 2012 A meeting of the CIS Economic Council, on which SA Korotkov, Director of UNIDO Centre in the Russian Federation, made a report about the project for the members of the CIS Executive Committee and representatives of the countries of the CIS. The CIS Executive Committee approved the proposal and expressed readiness to fully cooperate with UNIDO Centre in Moscow in the project.

Further preparations for the project include:

- Completion of a package of project documents.
- Agree on a package of project documents in the committee to approve projects of UNIDO.
- Coordination of the Working Group of the project.
- Deploying the project. [8]

PARTNERSHIP BETWEEN BRICS COUNTRIES IN TECHNOLOGY AND INNOVATION FOR DEVELOPMENT OF SMES

This project is focused on the development of technological cooperation between Russia and Brazil in order to promote the IPU two countries. Latin American network and information technology (LATIN) suggested co-operation with Russia in the technology sector, with a focus, in particular, on the development of the institutional framework to support SMEs. As the supervising organization proposed by UNIDO. In the future we plan to broader participation involving all the BRICS countries.

Of a pre-analysis showed that among the priorities in the field of economic, environmental and technological transfer of Brazil and Russia have a number of common interests. This is the development of technology and telecommunication systems, energy efficiency and energy saving, environmental protection. Thus, the project will be implemented within the framework of the priority areas of cooperation between Brazil and Russia. Among the main objectives of the project is expected to do the following:

- Attracting investment in the industrial sector to improve the quality of processes
- Promote an increase in the number of research groups in the business sector
- Development of technology transfer at the regional and national levels.

We are now preparing a package of project documents and is the creation of the International Working Group of the project [9].

In January-February 2012, a survey was conducted of potential partners in the countries to participate in the project (including them in the project document). Identified the first potential partners in all BRICS countries (Brazil, India, China, South Africa). Also, negotiations were held with the Permanent Mission of Brazil to the UNIDO in Vienna.

The project partners plan to address:

- Latin American network and information technology (LATIN)
- ITPO Shanghai

- Technology Center UNIDO India
- Science Bridge South Africa * (International Scientific Bridge).

* Note: Science Bridge South Africa - a non-profit organization for the promotion of industrial cooperation between Russian and South African companies. The organization has an official status and has been recommended as a project partner, the Embassy of South Africa in the Russian Federation.

International Scientific bridge is involved in projects of the Southern African region and promotes their implementation through the industrial and innovative partnership on the basis of Russian modern technology, equipment, technology, engineering and intellectual services, including training projects for Russian companies. Currently, the CMA is implementing a number of joint projects between Russian and South African partners in the following industries: metallurgy small, small and renewable energy, agricultural production, housing.

Further steps to prepare for the deployment of the project are the following:

1. Completion of the package design documents.
2. Matching package design documents in the committee to approve projects of UNIDO.
3. Coordination of the International Working Group of the project.
4. Deploying the project.



COOPERATION WITH THE GEF

UNIDO is one of ten organizations - the implementing agencies of the Global Environment Facility and attract industries to participate in projects in areas such as: energy conservation in industry, energy supply from renewable energy sources, water management, regulation of chemicals (including POPs and ODS) and Biotechnology [10]. Since Russia is one of the recipient countries GEF in Russia are underway a number of projects approved for implementation by the GEF.

UNIDO Centre in the Russian Federation is actively cooperating with the GEF in the following areas: energy efficiency and conservation, chemicals, climate change. At present, the territory of the Russian Federation carried out 3 projects under the auspices of UNIDO / GEF:

1. Market Transformation Programme on Energy Efficiency in Greenhouse Gas-intensive industries in the Russian Federation
2. Phase-out of HCFCs and promotion of HFC-free energy efficient refrigeration and air-conditioning systems in the Russian Federation through technology transfer
3. Gradual reduction of CFC consumption in the manufacture of aerosol inhalers in the Russian Federation.

The main objective of UNIDO in collaboration with the GEF - preparation of a package of project documents for each direction and full support of the project on the territory of the Russian Federation, including the promotion of technology transfer.

At present the program of market reforms in energy efficiency in the carbon intensity industries in Russia is in an active stage of deployment, received approval and invitation to cooperate on the part of the RSPP, and partners are - Energy (including FGBU "CEA", which is delegated coordination functions), Ministry of Economic Development, Ministry of Industry.

The main purpose of the project is to prepare a comprehensive industrial enterprises of Russia to upgrade them on the basis of energy efficiency and energy savings through the implementation of EMS ISO 50001 standard and the courses of training seminars for companies on the level of top management and middle managers and performers.

Project to reduce the consumption of hydrochlorofluorocarbons is in the active stage of implementation. The project aims at the implementation of Russia's obligations under the Montreal Protocol and its aim is to conclude the production of HCFCs from refrigeration and foam 2015. Also, the task of technology transfer as part of the modernization of industrial enterprises [2].

The importance of the project lies in the fact that refrigerants are widely used in modern air conditioners, refrigeration equipment and foams, causing considerable damage to the environment in the form of greenhouse gas emissions.

According to the report of the UN organizations under the jurisdiction of UNEP in 2050 the impact of HFCs only on the atmosphere can be equal to more than 8 gigatons (Gt) of carbon dioxide emissions per year, which, in turn, may be adversely affected by climate change throughout the world. If you add this number with the index of global carbon dioxide emissions from the use of transport - it's still about 7 Gt - the situation is quite depressing.

Thus, the projects for the withdrawal from circulation of HFCs, as well as projects for the transition to clean energy, are extremely important to the future of our planet. As part of the project to phase out CFC consumption in the manufacture of aerosol inhalers in Russian experts at the Center UNIDO prepared a package of technical documentation (including specifications), which was submitted to the UNIDO headquarters in Vienna, Austria. [2]

Ongoing GEF activities can be a combination of technical assistance in the creation of a political and legal framework, the development of technical and institutional capacity building, and provision of financial investment mechanisms in the implementation and dissemination of best technologies and practices in each of the target areas [10]

Total in Russia was carried out and are in the process of preparation and implementation of 45 national projects.

If you take statistics on BRICS countries, in the most approved GEF projects accounted for China - 104. Moreover, the financing of projects by the Chinese Fund itself is about 900 million USD.,

And funds - more than 8 billion in Russia this is much lower - about \$ 300 million we get from the GEF and more than 2 billion - funds raised [9].

The s on regional projects below. Here, interestingly, is leading South Africa - 35 to 31 projects in the PRC. Russia in fourth place. I must say that the regional GEF projects in the world is not so much, and this niche, so to speak, is not fully occupied. So, for example, a regional project for the countries of the CIS (Preparation of regional programs and project proposals to address global environmental issues for funding by the GEF and other international environmental funds) is very promising in this respect [9].

COOPERATION WITH REGIONS

UNIDO Centre in the Russian Federation carries out cooperation in different regions and republics of the Russian Federation. The project to create a center for the application of best practices, and environmental technologies for disposal of potentially hazardous consumer products and industrial wastes is an active co-operation with the authorities of the Sverdlovsk region, the consent of the implementation of the pilot project on utilization of potentially dangerous consumer products and industrial wastes. Negotiations on the implementation of similar projects in the Ulyanovsk and Rostov regions, arranged work with the Moscow region. The cooperation with the Republic of Tatarstan.

A project to reduce the consumption of hydrochlorofluorocarbons established cooperation with FSUE "PA" Sergo Plant (" POZIS ") in the territory rep. Tatarstan. Work is also underway in the Kirov region (HaloPolymer) and Perm Krai.

Government of Astrakhan and Samara regions expressed their willingness to cooperate in the field of industrial development of the regions.

INTERNATIONAL COOPERATION

International cooperation of the Center implemented in countries such as China (ITPO Shanghai), Japan, Finland, Brazil, the United States - a project to create a center for the application of best practices, and environmental technologies for disposal of potentially hazardous consumer products and industrial wastes. As part of this project are negotiating the joint pilot projects in the CIS countries - Belarus, Armenia, Kazakhstan, Tajikistan. ODS cooperation is with China, the project is in support of the industrial integration of EurAsEC countries is carried out with the participation of all countries of the Eurasian Economic

Community - Russia, Belarus, Kazakhstan, Kyrgyzstan, Tajikistan and Armenia, which has observer status.

The Government of Sierra Leone is our partner in the project to build the technical capacity and the introduction of technology in the field of fisheries and seafood processing. There is an active co-operation with Canada and Brazil.

CIIC DATABASE

On the basis of the UNIDO Centre in Moscow has developed interactive Geographic Information System "monitoring the impact of the hot points on the man-made water resources, human health, biodiversity and economy in the basin of the middle and lower Volga" (GIS). The creation of this system is an important step in improving the UNIDO methodology for the identification and ranking of (release priority) hot man-made points. GIS will improve the efficiency of solving a number of problems.

The most important are: the control of water pollution, monitoring of the impact of man-made hot points on water quality and public health, monitoring the impact of the hot points on the man-made environment and biodiversity, monitoring of the impact of man-made hot points on the economy.

Creating a GIS platform is planned for a unified geographic information system of state authorities of the Republic of Tatarstan, which is one of the important elements of the inner loop of the "Electronic government of the Republic of Tatarstan" [13].



All modules are designed for GIS creation and display of various thematic maps containing graphical and attribute information. The modules will provide:

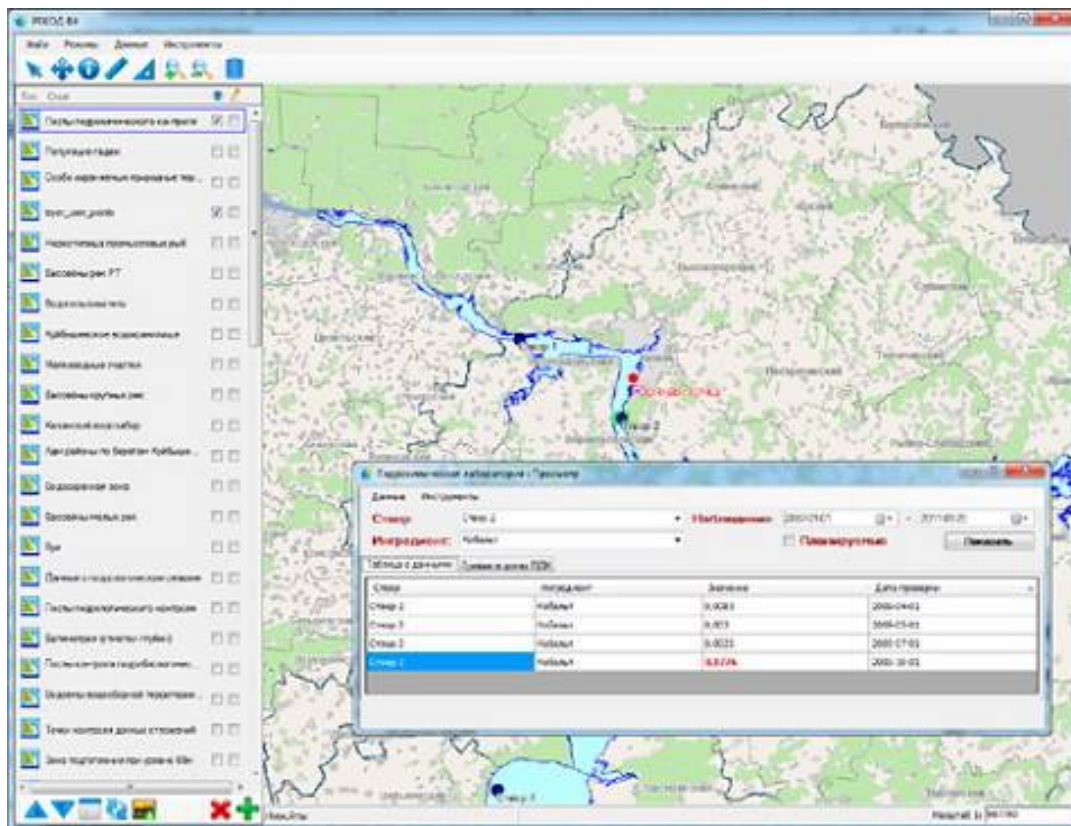
- work with the geographic information system of state authorities of the Republic of Tatarstan and the interactive thematic GIS belonging to it
- collaborate with other modules of GIS
- visualization interactively layers and maps
- creation of new thematic layers with attribute information
- measuring distance and area on a user-defined path and polygon
- Print and save layers (maps) with the extension *. Ipg, *. Wmf, *. Tif.

The use of GIS will promptly receives reliable information on the adverse effects of man-made hot points on the bodies of water, human health, biodiversity, ecosystems and the economy. This can significantly reduce the time and improve the quality of the work under the project.

In addition, the introduction of the GIS will allow:

- to ensure the rapid exchange of information between the government and the business community
- receive from the source data new information that can not be created by other methods

- Ensure that work with the original data and the new data to a wide range of users - from professional to head
- provide authorized access to information via the Internet [13]



PUBLICATIONS

Bulletin «UNIDO in Russia» is the press organ of the Centre for International Industrial Cooperation UNIDO in the Russian Federation.

The main purpose of the publication - information support of UNIDO projects and activities, which is aimed at attracting into our country of foreign technologies and investments related to the modernization of the Russian industry and the economy, to promote Russian technology to other countries, aid in the placement of the funds of Russian investors abroad [2] .



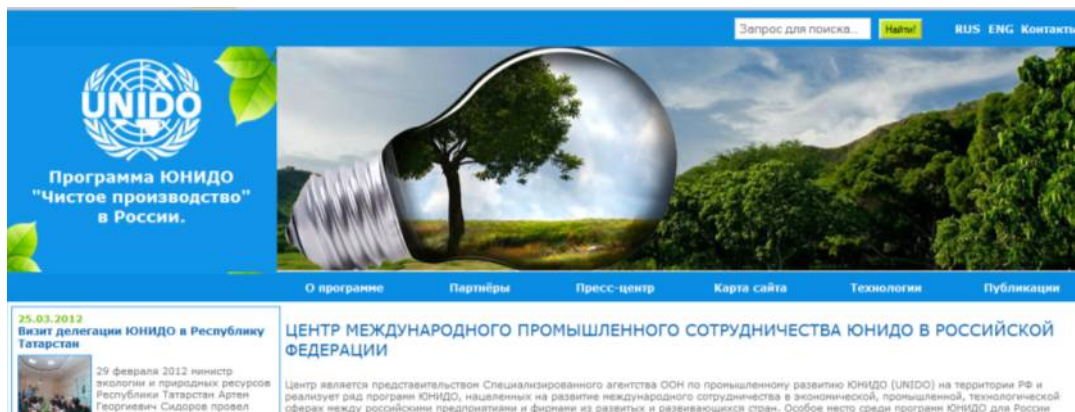
WEBSITES

In order to ensure the representation of UNIDO Centre on the Internet, have been developed and successfully operated the following websites:

1. The official website of the Center for International Industrial Cooperation in the Russian Federation, UNIDO, www.unido.ru. Site is dedicated to the description of the appointment and activities of the Centre in the Russian Federation and abroad, presented the projects are regularly updated news feed. The site has been designed to meet the recommendations of the World Wide Web Consortium W3C standards and UNIDO.



2. UNIDO's program of "Cleaner Production" in Russia, www.ncpc-russia.ru. Website devoted to the description of UNIDO projects that are implemented in the framework of UNIDO "Cleaner Production".



3. Website "UNIDO in Russia», www.unido-russia.ru. Site is an online version of bulletin "UNIDO in Russia."



SOURCES

1. Inner project report of the UNIDO Centre "Supporting industrial integration of EurAsEC member countries" for 2011 - the beginning of 2012.
2. Inner project report of the UNIDO Centre "phased out HCFC and stimulate the transition to not containing hydrofluorocarbons energy efficient refrigeration and HVAC equipment in the Russian Federation through the transfer of technology" for 2011 - the beginning of 2012.
3. Inner project report of the UNIDO Centre "Creation by the application of best practices, and environmental technologies for disposal of potentially hazardous consumer products and industrial wastes" for 2011 - the beginning of 2012.
4. Inner project report of the UNIDO Centre "program of market reforms in energy efficiency in the carbon intensity industries in Russia" for 2011 - the beginning of 2012.
5. Inner project report of the UNIDO Centre "Identification, assessment and grading of hot spots in transboundary water bodies, and the transfer of environmentally sound technologies" for 2011 - the beginning of 2012.
5. Inner project report of the UNIDO Centre "Building technical capacity and the introduction of technology in the field of fisheries and seafood processing, and provision of training on this subject in Sierra Leone" in 2011 - the beginning of 2012.
6. Inner project report of the UNIDO Centre "Preparation of a study on the establishment of a plant for the production of canned meat in the free economic zone" Altanbulag "Mongolia" in 2011 - the beginning of 2012.
7. UNIDO project proposal for the CIS countries on the "Preparation of regional programs and project proposals to address global environmental issues for funding by the GEF and other international environmental funds", in March 2012, approved by the Executive Committee and the Economic Council of the CIS, judgment of 20.03.2012 .
8. Project Database of the Global Environment Facility, www.gefonline.org.
10. GEF from "A" to "Z" Guide to the Global Environment Facility to the original fitter civil society's www.thegef.org, 2011
9. Brochure "The analysis of the level of industrial cooperation between the member countries of the Eurasian Economic Community (EurAsEC) and the ways of its development", Centre for International Industrial Cooperation UNIDO in the Russian Federation, 2011
10. Website of the Center for International Industrial Cooperation in the Russian Federation, UNIDO, www.unido.ru.
11. The article "Interactive Geographic Information System" Monitoring the influence of the hot points on the man-made water resources, human health, biodiversity and economy in the basin of the Middle and Lower Volga », bulletin« UNIDO in Russia », № 2, 2011



MORE INFORMATION

WWW.UNIDO.RU

WWW.UNIDO-RUSSIA.RU