2007
ANNUAL REPORT
Of the Global Energy Foundation

Keeping traditions,
Moving ahead
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Dear Ladies and Gentlemen, Colleagues and Friends!

The fifth anniversary year of the Prize has ended. This year has been very eventfully fruitful in the history of the Prize. Among the key events are the anniversary Awarding Ceremony, the numerous road-shows around the world and the IVth All-Russian competition "The Energy of Youth". As a result of which six winner groups of young scientists from
St. Petersburg, Tomsk, and Moscow received grants for their research and development in the field of energy.

The Economic Forum in Poland, the MAGATE General Meeting in Vienna, World-Wide Energy Congress in Rome – these are just some in the long list of significant world events the Global Energy took part in.

We have developed and implemented a new brand style in printing and exhibition products.

We have also “globally” increased the number of the Prize nominators. 1200 scientists from all over the world have got the opportunity to take part in the nomination procedure.

The number of the Prize Board of Trustees has increased as well. Among the members there are also the Head of Rosatom S. Kirienko and the Chairman of JSC "GidroOGK Board of Directors " V. Sinugin.

In 2007 the Prize Board of Trustees had to satisfy the request of its Chairman academician A. Yu. Rumiantsev who took a decision to resign. The Board of Trustees thanked the academician for "many years of work for the benefit of the Global Energy Prize".

We also highly appreciate his contribution to the creation and development of the Prize and hope that our fruitful cooperation will acquire new forms and will be beneficial for the Prize.

In 2008 there are also very important tasks and projects to fulfill. Sticking to our slogan "Keeping traditions, moving ahead" we’ll do our best to move ahead and overcome any difficulties. This year we plan to take part in the International Forum "Alternative Energy" in Verona, Italy. Among the noble guests of which are the 2007 laureate of the Prize professor T. Sigfusson and a member of the International Award Committee academician V. Fortov. Other significant events are the IV Economic Forum Europe-Russia in Rome, World-wide Oil Congress in Madrid and others.

We look forward to your kind support so that we could move ahead and face the optimistic future together!
Chairman of the Global Energy Board of Trustees, academician

Global Energy Prize Executive director

E. Velikhov       I. Lobovskiy
2. OUR ACHIEVEMENTS

In December 2007 The President of the Russian Federation V. Putin sent letters of gratitude to the following people of the Global Energy Prize:

Fedor Mitenkov
Chairman of the Global Energy Board of Trustees
**Alexander Rumyantsev**  
Global Energy Board of Trustees member

**Tatiana Yershova**  
Global Energy Management Board member

**Andrey Gnatyuk**  
President of holding "IMA-GROUP"

**Igor Lobovsky**  
Executive Director of the Global Energy Foundation
The following people received the letters of gratitude on behalf of the presidential aide S. Yastrzhembsky:
A. Ignatov, Global Energy Foundation;
N. Belkova, "4PDP";
I. Kuznetsova, "4PDRP";
A. Stuglev, "Saint-Petersburg Economical Forum" Foundation;

We are proud of our colleagues who have received such a high appreciation of their work!
3. THE MISSION AND STRATEGY OF THE GLOBAL ENERGY INTERNATIONAL PRIZE

The Global Energy International Prize is one of the most significant international scientific prizes and is the world's most significant prize awarded for the achievements in the field of energy. This prize is awarded for outstanding scientific research and technical innovations in the field of energy.

MISSION

To promote the efficiency of the existing and create new, ecologically safe and efficient energy sources on Earth for the benefit of mankind.

To add to the image of Russia and to the founder companies of the Prize as of the competent and reliable leaders

STRATEGY

The strategy of the Global Energy is:
- to stimulate theoretical and applied research and development in the field of energy;
- to stimulate and attract specialists and organizations from different countries all over the world to solve the most crucial energy problems worldwide
- to attract public attention to the solution of the energy problems
4. PRIZE MANAGEMENT BODIES

The authorized bodies of the Global Energy International Prize are:
- Board of Trustees;
- International Award Committee;
- Expert Council;
- Executive Directorate.

4.1. BOARD OF TRUSTEES

The Board of Trustees is responsible for the overall management and provision of the financial basis of the Prize awarding and has the following main duties:
- to supervise the activities of the Prize management bodies;
- to set up the annual amount of the Prize;
- to set up the annual amount of expenses for the organizational, supportive, expert, informational, and other kind of needs connected with the nomination procedure; costs on the preparation for the award ceremony, presentation and promotion of the Prize;
- to approve of the Statutes and Regulations of the Prize main bodies, to determine the general structure of the Prize management bodies;
- to determine and approve of the quantitative and personnel structure of the Prize International Award Committee;
- to approve of the of Chairman and Academician secretary of the International Award Committee and of the Chairman of the Prize Expert Council.

The members of the Board of Trustees cannot participate in the nomination procedure unless they are the members of the Prize International Award Committee.
The structure of the Global Energy International Prize Board of Trustees

1. **V. Bogdanov** – General director of JSC "Surgutneftegas";
2. **E. Velikhov** – RAS academician, President of RSC "Kurchatov Institute"
3. **M. Gorbachev** – Nobel Peace Prize laureate, the President of the International Non-governmental **Foundation** for Socio-economic and Political Studies (The Gorbachev-Foundation)
4. **S. Kirienko** - General director of the Federal Atomic Energy Agency "Rosatom";
5. **A. Miller** – Chairman of JSC "Gasprom" Board of Directors;
6. **F. Mitenkov** – RAS academician, scientific adviser of FGUP "OKBM named aft. I. I. Afrikantov", the Chairman of the Prize International Award Committee;
7. **V. Sinyugin** – Chairman of JSC "GidroOGK" Board of Directors;
8. **V. Khristenko** – Minister of Industry and Energy of the Russian Federation
9. **A. Chubais** – Chairman of JSC “RAO UES of Russia”;
10. **I. Yusufov** – special presidential representative for international energy cooperation;
11. **S. Yastremskiy** – presidential aid, special presidential representative for developing relations with the European Union
4.2. THE PRIZE INTERNATIONAL AWARD COMMITTEE

The International Award Committee is appointed by the Board of Trustees for a 3 year period. The main objective of the Committee is to organize the activities connected with the scientific contest and annual award of the Prize. The Committee can be formed of the leaders of the most authoritative scientific organizations, famous scientists who have won the international recognition in the field of energy, state and public figures both from Russia and abroad. The quantitative and personnel structure of International Award Committee is approved of and announced by the Prize Board of Trustees before the date of the beginning of the nomination procedure. The Committee is headed by the Chairman and the Academician secretary of the Committee, whose candidatures are approved of by the Board of Trustees for a three year period.

The main duties of the International Award Committee are:
− to organize activities connected with the nominee selecting procedures;
− to approve of the nomination form;
− to determine the nominators specially invited to take part in the nomination procedure in the current year;
− to determine and approve of the candidatures for the Prize Expert Council;
− to regulate the presentation of scientific works, candidate selection and announcement procedures of the laureates, as well as the Prize presentation and promotion;
− to approve of the regulations of works selection procedure by the Expert Council Committee, including the opportunity of selecting among all the candidates whose works have been received during the
current year as well as during the previous years, except for the works of the laureates;
  – to make up a final decision on the Prize award.

4.3. INTERNATIONAL AWARD COMMITTEE
EXPERT COUNCIL

The Expert Council is appointed by the International Award Committee for the preliminary estimation of works recommended for the Prize. The Expert Council is a body of the International Award Committee, the quantitative and personnel structure of which is appointed for a 3 year period prior to the beginning of the nomination process. The Chairman is elected by the Board of Trustees for a 3 year period and must be a member of the Prize International Award Committee.

The main task of the Expert Committee is to estimate works recommended for the contest and prepare the detailed presentation of the works from the short-list (not more than 5) recommended for the International Award Committee meeting.

Besides the Expert Council conducts the expert examination of the works presented for the All-Russian contest of the Global Energy Foundation “the Energy of Youth”.

The membership of the Expert Council remains confidential, its members have no right to give public interviews on the nominees and works recommended.
4.4. THE EXECUTIVE DIRECTORATE

The Executive Directorate is in charge of organizational and financial activities. The Prize Directorate includes the Foundation Executive Directorate. The Prize Executive Director is the Foundation Executive Director.

The Prize Executive Directorate performs the following duties:
- to perform organizational and managerial activities
- to give organizational, financial, and material support to the Board of Trustees and International Award Committee
- to publicize the Statutes, the rules of the nomination process and candidate selection, the names of the laureates, to inform about the time, place of the award ceremony.
- to receive and check the nomination papers in compliance of the requirements;
- to forward the nomination papers to Expert Council for a preliminary consideration and decision;
- to organize the meetings of the Expert Council and the International Award Committee;
- to inform mass media on the laureates;
- to perform office
- to schedule the date of the Prize Award Ceremony;
- to organize the solemn occasion of the prize-giving ceremony (a diploma, signs of honor, the Prize itself);
- to promote the Prize and conduct PR;
- to cover the expenses of the above listed events and other activities connected with the Prize award occasion and organization of the management bodies activities;
5. MAIN RESULTS

5.1. ORGANIZING DEPARTMENT

The organizing department puts forth the most important events in the Global Energy Prize life cycle.

The life cycle is ongoing and consists of several key stages which can be conventionally separated into 3 stages - preparatory work, measures related directly with the Prize awarding preparation and the winners presentation, and after-procedures.

The new year of the Prize starts in June with the traditional June meeting of the International Award Committee. At this meeting, the members approve of the list of scientists who will have the right to recommend for the Global Energy Prize. In 2007 the data base has increased by 50%, and the right was given to more than 1200 Russian and foreign scientists (the list of the persons eligible to nominate can be found in the corresponding section). This, first of all, evidences the increasing prestige of the Prize. Involvement of a larger number of scientists increases potentially both the number of the nominees and, as a consequence, the number of the laureate works. Until the first of February of the current year, the forms are received in the Global Energy Foundation; these forms pass the thorough check for the compliance with the requirements, then they are registered, translated into Russian and English, and are passed to the Expert Council for examination. The April meeting of the Global Energy Prize International Award Committee is an important event which main task is to determine the future laureates. During the meeting, the important issues related with the Prize life cycle are discussed, the activities for the next year are scheduled, and the date of the next meeting for the winners selection is determined.
The culmination event of the Prize is the Prize Award the winners awarding Ceremony held traditionally in Saint-Petersburg in June, within the framework of the annual economical forum.

The key criteria in the department work are efficiency, precision, and timeliness. The organizational department has often to solve the tasks together with the organizations which main activities are: organization of hotel rooms reserving, reserving avia and railroad tickets, organization of banquet servicing, services of production works, transport services, etc. To attract the structures with the highest level of professionalism, and in order to optimize the expenses related with the preparation and holding the measures within the framework of the Global Energy Prize, the organizational department of the Prize constantly holds the tenders. Today, the partners of the Prize are the companies which operation principles also are the efficiency and timeliness.
5.2. NOMINATION PROCESS: COUNTRIES AND PARTICIPANTS

The number of works received for the Global Energy Prize nomination had increased considerably during the period from 2003 till 2007, when the ceremony had been held. The research area of the works is also widens actively. These facts are another obvious proof of the continuing growth of the interest to the Prize, both in Russia and abroad.

The 5-year operating experience of the Foundation has shown that there is a certain proportion between the number of the nominating persons and the quality of the works received: in fact, the larger is the net, the larger fish gets in it. In 2007, it was resolved to increase significantly the list of scientists having the right to nominate. The Statutes of the Prize were amended so that the right to nominate was granted to all members of RAS divisions, whose activity is related with the power engineering, as well as the list of their foreign colleagues was increased. The goal of the innovation is to increase both quantity and quality of the applications received for nomination. In 2007, the nomination forms were sent to more than 1200 scientists all over the world, for the Global Energy Prize International Award Committee to examine in April 5 works selected by the Expert Council and to declare the new Laureates of the Prize 2008.
Research area of the works presented for the contest

2004

- Nuclear power engineering
- Heat power engineering
- Nuclear fusion
- Renewable, solar power engineering
- Fuel elements and hydrogens power engineering
- Electric power engineering
- High physics, materials
- General power engineering
- Energy resources (extraction, processing, transportation)

2005
- Nuclear power engineering
- Heat power engineering
- Nuclear fusion
- Renewable, solar power engineering
- Electric power engineering
- Fuel elements and hydrogen power engineering
- Energy resources (extraction, processing, transportation)
- Health physics, materials
- General power engineering
- Plasma power engineering
The countries whose representatives are the authors of the contest works

2004

2005
The number of the countries whose citizens are involved in the nomination process

![Bar chart showing the number of countries involved in the nomination process from 2003 to 2007. The chart indicates a significant increase from 7 in 2003 to 41 in 2007.]
Persons entitled to offer the nominees

2004

- Nobel Prize Laureates, Physics
- Nobel Prize Laureates, Chemistry
- Section of power engineering of the machine building, mechanics, and control processes department of RAS
- Persons invited specially for nominating for the Prize
- The Prize International Committee members

2005
- Nobel Prize Laureates, Physics
- Nobel Prize Laureates, Chemistry
- Section of power engineering of the machine building, mechatronic, and control processes department of RAS
- Persons invited specially for nominating for the Prize
- The Prize International Committee members
5.3. THE PRIZE POSITIONING: MASS MEDIA.
FURTHER GROWTH OF THE PRIZE RECOGNIZABILITY

One of the most important tasks of the Foundation is the wide informing of the public on the humanistic direction of the Global Energy Prize, its meaning for the world's power engineering sciences development, on the contribution of the laureates in development of the mankind global power engineering. The traditional forms of interaction have become the briefings and press-conferences conducted before the most important events. Along with that, during the time intervals between the key events, the mass media constantly provide the information on the Prize.

During all 2007, the mass media stressed out the stable development of the Prize, its high status, as well as the international significance of the Prize.

In total, from the date of the Prize foundation, 4221 messages have been published.
The information on the quantity of mentioning of the Global Energy Prize, by month, within the period from the 1st of January, 2007 till the 31st of December, 2007 (743 publications in total).
The percent proportion of the materials of various mass media groups devoted to the Prize and published within the period from the 1st of January till the 31st of December, 2007.
5.4. GENERAL CHARACTERISTICS OF THE PRIZE INFORMATION FIELD

The dynamics of the Prize Founders mentioning in the total number of the publications per year.
The dynamics of the mass media categories as the percentage of the total number of publications per year.
Dynamics of the total number of publications per year from 2003 till 2007
The status of measures and the resonance that the Global Energy International Prize has already obtained guarantee the wide elucidation of the project in the Russian and international mass media.

However, for the Prize Executive Directorate it is important not only to reach the large number of publications, but the rating of the issues, wider mass media range (from public and political programs to scientific publications), the degree of the foreign journalists engagement, as well as the large number of the analytical materials devoted to the Prize.

The Global Energy Prize positioning beyond the Russia borders is one of the key tasks of the Executive Directorate. The information on this issue is contained in Section 6 "Key events of 2007 year of the Prize life".
6. **KEY EVENTS OF 2007 YEAR OF THE PRIZE LIFE**

6.1. **THE INTERNATIONAL EVENTS OF 2007 WITH THE PRIZE PARTICIPATION**

6.1.1. **GLOBAL ENERGY INTERNATIONAL PRIZE WITHIN THE FRAMEWORK OF THE RF PRESIDENT'S VISIT TO ITALY**

On the 13th of March, within the framework of the state visit of Russian President, the Russian-Italian Forum-dialog was held on the issues of the civil societies, which became the site for discussing the most important aspects of the Russian-Italian relations and searching the way of the joint development of the energy relations of the two states.
The program started from the series of "round tables" under the common subject "Power engineering and economics: joint perspectives".

President of RSPP A. Shokhin, executive director of AUTOSTRADE company G. Castellucci, RF President aide S. Yastrzhembsky, executive director of UNICREDIT bank A. Profumo, executive director of TNK-VR V. Vekselberg, vice-president of IL SOLE 24 ORE G. Fibi, chairman of the Board of Directors of AFK "Sistema" V. Yevtushenkov - it is far from being the full list of the famous speakers.

The participants and the guests had great interest in the speeches of S. Yastrzhembsky and the foreign affairs minister of Italy M. D'Alem.

Within the framework of speeches, the perspectives of the joint projects and programs, the issues of the strategy cooperation in various fields, including the power engineering sector, were considered.
In this relation, the participants and the guests of the "round tables" could receive the actual and comprehensive information on the first international energy prize "Global Energy": the information packs in Russian and Italian were in the hands of many participants.
6.1.2. PARTICIPATION OF THE PRIZE IN THE INTERNATIONAL CONGRESS-EXHIBITION GLOBAL EDUCATION

On the 25-28th of March, 2007, in Moscow, there took place the International congress-exhibition Global Education, in which activities the Global Energy Foundation also took part - the stand of the International Energy Prize was in the very center of the exposition.

The Global Energy Foundation Youth Programme programs founded for the purpose of activating the scientific youth of Russia and its attention concentration on the most urgent scientific problems of the mankind are of the increasing interest. Among these programs, there is the All-Russian Competition of the youth research projects in the field of power engineering "Energy of Youth" and the scientific and educational project "Internet-combat "Global Challenge" started on the 18th of December, 2006, and its results were announced at the exhibition opening ceremony.
The Minister of Education of the RF Andrei Fursenko, Italy Ambassador in Russia Vittorio Claudio Surdo who opened the exhibition, as well as the Global Energy Prize International Award Committee members stressed out that the investments into the educational projects are the best investments into the future.

Right after the speech of the official persons, there took place the Solemn ceremony of awarding the winners of the Internet-combat "Global Challenge". The young scientists were presented with honorable diplomas certified by the signature of the Global Energy Prize International Committee Chairman academician Fyodor Mitenkov and the Executive Director of the Prize Igor Lobovskiy. The Main prize was the trip to the 20th World-wide energy congress WEC-2007 held in Rome.

Besides that, on the invitation of the Global Energy Foundation, professor Michael Tendler (Sweden), Brian Spolding (Great Britain), Antonio Luke (Spain) and other members of the Global Energy Prize International Award Committee took part in the exhibition and presented their own scientific works, and took part in the ceremony of awarding.
6.1.3. CLOSED MEETING OF ITER COUNCIL

On the 28th of March, 2007, in Marseilles (France), there took place the closed meeting of ITER Council to which the representatives of the Global Energy Foundation Executive Directorate were invited. This was because in 2006, ITER project became the laureate of the Global Energy International Prize. Within the framework of the meeting, the first acknowledgement with the construction site of the International Experimental Thermonuclear Reactor in Kadarache took place.
6.1.4. PRIZE PRESENTATION IN SAN-DIEGO

On the 16th of May, 2007, in San-Diego (USA), within the framework of the International symposium devoted to the 50th anniversary of the fusion (A Celebration of 50 Years of Fusion), the member of the Prize International Award Committee, Russian Academy of Sciences academician Valentin Smirnov, conducted the Prize presentation. He told to the numerous foreign colleagues that the Global Energy Prize was founded by Russia and on Russian money, but its laureate may be a citizen of any country of the world; the main point is that his discovery has practical application. The academician gave a rather detailed account of the research of the laureates of 2007 and 2006, particularly - of the project of 2006 - ITER. And that was not just on occasion, because one of ITER project developers - academician Eugener Pavlovich Velikhov, the President of RSC "Kurchatov Institute", and Valentin Panteleimonovic himself is the director of the Nuclear fusion institutes of the Russian scientific center "Kurchatov Institute" since 1999.
6.1.5. ITER COUNCIL MEETING

On the 11\textsuperscript{th} and the 12\textsuperscript{th} of July, in Tokyo, there took place the meeting of the temporary Council of ITER (IIC) headed by sir Christopher Levlin Smith (CCE-EU chairman). The first meeting took place right after signing the Agreement on the joint realization, in Paris, on the 21\textsuperscript{st} of November, 2006.

On the 27\textsuperscript{th} of June, 2007, the State Duma of the RF adopted the law "On ratification of the agreement on creation of the international organization ITER for thermonuclear energy for joint realization of ITER project and of the agreement on the privileges and immunities of the international organization ITER for thermonuclear energy for ITER project joint realization".
ITER project is acknowledged today's largest experiment in the field of thermonuclear energy and is aimed at setting the scientific and technological possibility of using the thermonuclear energy for the peaceful purposes.

In 2006, ITER Project was awarded with the Global Energy International Prize. At that time, the Global Energy Prize Award Committee resolved to award with the Prize "... for development of the scientific and technical bases for creating the international thermonuclear reactor":

The President of RSC "Kurchatov Institute", academician Eugene Velikhov (Russia);

member of the Council on thermonuclear research at the Ministro of atomic energy of Japan, doctor Masaji Yoshikawa (Japan),

the General director of CERN, doctor Robert Aimar (France).
The second meeting of the temporary Council of ITER was held in Tokyo, in the building of the International Forum. Along with the members of the Council and the most significant scientists, the Executive Director of the Global Energy International Prize Igor Lobovskiy was invited to take part in the meeting. According to Mr. Lobovskiy's words: "The most important thing at the meeting held today, on the 11th of July, was, of course, the program report of the General Director of ITER, Mr. Kaname Ikeda. He devoted his report not only to the development of the project itself, but also to the development of the specialists engaged in it. At the Council, even the issues of creating a team or constructing the "team-building" were discussed. Today, the number of the staff engaged in the project is 160 persons. By 2016, this number is to increase up to 600 persons. In two years it is even planned to build in France, I would like to remind you, that particularly in the south of France, in Cardache city, the thermonuclear reactor itself is being constructed now, a special school for the children of the foreign employees."
Mister Ikeda and his chief deputy mister Norbert Holtkamp have reported on the overall development of the activities related with the projects in the course of the preliminary application of the Agreement on ITER, including the estimate of the project opportunities, development and application of those management tools that will correspond to the unique structure of ITER, and so on”.

A large discussion started on the request of Kazakhstan to be admitted to the members of ITER Organization. The representatives of the Russian delegation suggested to allow the General director to hold the negotiations with this country and to prepare the proposal".

The Council approbated the current progress and gave the instructions for working on a number of specific tasks including the detailed estimates of the expenses for various costs on the stage of construction, the specific aspects of the management system, and the proposed agreement on the relations with the French authorities and such international organizations as MAGATE and CERN.
The Council also approved the proposed cooperation with Monaco principality.

Chairman Christopher Levlin Smith marked the end: "The meeting held only 7 months after signing the Agreement on ITER demonstrates that ITER administration and the parties to the agreement wish to overcome the scientific, technological, and organizational tasks and to bring this unprecedented project of the international cooperation to flourishing".

On the 13th of July, there took place the International Forum devoted to the issues of nuclear power engineering - The International Forum on Fusion Energy and ITER, on which the Executive Director of the Global Energy Prize, Igor Lobovskiy, spoke.

On the 30th of August, 2007, the China was the last to ratify the International agreement. From that moment, there are no obstacles for full-scale construction of the experimental reactor.
6.1.6. THE PRIZE PRESENTATION IN POLAND

On the 5th-8th of September, 2007, in Krynitsa (Poland), there took place XVII International Economical Forum - the place where the political and business elite of Europe, Russia, USA, Central Asia, and the Middle East meet.

More than 3000 persons participated in the forum-2007, including the heads of the states and government members, representatives of the legislative authorities, businessmen, famous figures of the science and culture, famous journalists. For the first time, Global Energy International Prize was invited to such a forum. Within the framework of one of the round tables, the Executive Director of the Prize, I. Lobovskiy, devoted his speech to Global Energy project, which was met by the participants with great interest and attention.
6.1.7. **THE PRIZE PRESENTATION IN AUSTRIA, IN MAGATE**

On the 17\textsuperscript{th} - 21\textsuperscript{st} of September, in Vienna, there took place the meeting of the 51\textsuperscript{st} General conference of MAGATE (International agency on the atomic energy), in which the Global Energy International Prize took part.
On the 16\textsuperscript{th} of September, within the framework of the closed conference Global Nuclear Energy Partnership which was attended by the ministers of atomic power engineering of MAGATE participating states, there took place the opening of Global Energy exposition. The MAGATE heads, ministers of the atomic power engineering of the leading world's economical states took part in the solemn opening of the personal exposition.
On the 18th of September, on the stand of the Global Energy International Prize, there took place the press-briefing in which participated: the head of the Federal Atomic Agency, a member of the Prize Board of Trustees, S. Kirienko, the heads of MAGATE, the General director of ITER international project K. Ikeda, and the journalists of the leading world mass media.
We appreciate very much the invitation for the Global Energy from the heads of MAGATE to take part in the General conference. It is very important for the Prize to attract the attention of the international energy elite, world and federal mass media. The representatives of 144 countries of the world who participated in the General conference, were familiarized with the Russia's initiative to support the innovations and development for solving the world-wide energy tasks. ITER project - the laureate of the Prize of 2006 - attracted large attention. This allows to say that the Global Energy International Prize selects really the best and the most perspective of all present at the planet.
6.1.8. **THE PRIZE PARTICIPATION IN THE WORLD-WIDE ENERGY CONGRESS IN ROME WEC-2007**

On the 11th - 15th of November, 2007, in Rome, there took place the 20th Worldwide energy congress WEC-2007, which main subject was "Future of the power engineering in the modern, mutually dependent world". The congress was attended by more than 5000 delegates from almost 150 countries - WEC members.

For the first time in the history of these most important in the power engineering forums, there was organized the Youth Forum, for which several representatives from each of 100 countries were invited to Rome. The intense and interesting program was prepared for the young people, and the co-organizer of this program was Global Energy International Prize. Russia was represented at the forum by the winners of the All-Russia youth competitions of Global Energy Foundation research projects in the field of power engineering "Energy of Youth", which competition is performed annually since 2004.
The head of the scientific program was the President of RSC "Kurchatov Institute", the Chairman of the Global Energy International Prize Board of Trustees, academician E. P. Velikhov.

The young scientists and specialists in power engineering prepared the Address to WEC participants, scientists, politician, businessmen from all over the world, in which Address the young people attempted to draw the attention of the public to the situation with the environment protection, energy safety, new energy projects, renewable energy sources. The youth expressed its active position in developing the mid-term and long-term programs of the power engineering comfortable for the planet, by declaring that only them who are 20 years old today, who are to live and work in 20-30 years, can have the right of estimating the projects and programs. The young declared that they can take the full responsibility for developing the energy system of the mankind and forming the new system of energy safety, which system would take into account the interests of the whole world society.
In their Address, the young scientists spoke of the initiative of creating the Youth Worldwide Energy Expert Council - the public youth international organization which purpose would be to provide for expert examination of the mid-term and long-term energy programs in each country from the point of view of such programs safety and efficiency for the future generations.

On the 13th of November, there took place the presentation of Global Energy International Prize, in which presentation took part: the President of RSC "Kurchatov Institute", the Chairman of the Prize Board of Trustees, the laureate of Global Energy Prize-2006, academician E. P. Velikhov, the laureate of the Global Energy Prize-2007, professor T. Sigfusson (Iceland), Executive Director of the Global Energy Prize I. M. Lobovskiy, and the winners of the Youth program "Energy of Youth".
6.1.9. THE MEETING OF THE FIRST OFFICIAL COUNCIL OF ITER

On the 27th and 28th of November, in the old castle of Cadarche in the south of France, near the construction site of the first in the world experimental thermonuclear reactor, there took place the meeting of ITER Council. This was the first official meeting of the Council called after ratification of the international agreement by all the participants of the project.

On the 27th November, 2007, the Chairman of ITER Council was elected. This was the representative of the European Community Chris Levelin Smith. The deputy Chairman became the President of RSC "Kurchatov Institute", the Chairman of the Global Energy International Prize Board of Trustees, laureate of the Global Energy International Prize-2006, academician Eugene Velikhov. It is planned, the E. P. Velikhov is to replace Chris Levelin Smith in the office of the Chairman in a year.

After the closed meeting, the congratulations were received by the heads of ITER Organization: the "a.a." prefix was removed from the title of the General director of the Organization doctor Kaname Ikeda, his deputy Norbert Holtcamp, deputies of the parties of the project, and the Secretary of the Organization.
6.2. THE ANNUAL EVENTS HELD WITHIN THE FRAMEWORK OF THE GLOBAL ENERGY PRIZE

6.2.1. THE MEETING OF THE GLOBAL ENERGY PRIZE INTERNATIONAL AWARD COMMITTEE

On the 17th of April, in "President-hotel", there took place the closed meeting of the Global Energy Prize International Award Committee, at which meeting, the names of the laureates of Prize-2007 were determined.

The International Committee includes 30 leading scientists from 10 countries, including the laureates of the Nobel Prize in physics and chemistry. The International Committee is headed by the Nobel Prize laureate, academician Fyodor M. Mitenkov.

In 2007, 146 works from 19 countries - Russia, USA, Japan, Germany, Switzerland, France, Great Britain, Australia, China, Canada, Italy, Spain, the Ukraine, Iceland, Denmark, India, Israel, the Netherlands, Ireland - were admitted for competition. Despite the high scientific level of the works and their special meaning for solving the actual problems of the world power engineering, the Expert Council recommended only three works for the Prize award.

The laureates of the Prize-2007 were elected by the secret vote of the International Committee members. The names of the laureates were announced at the international press-conference held on the 18th of April.
6.2.2. PRESS-CONFERENCE FOR ANNOUNCING THE NAMES OF THE LAUREATES OF THE GLOBAL ENERGY PRIZE-2007

On the 18th of April, in RIA "Novosti" building, there took place the International press-conference devoted to announcing the names of the laureates of the Global Energy International Prize-2007.

The press-conference was attended by the Chairman of the Prize International Award Committee, academician F. Mitenkov; the member of the Prize Board of Trustees, the RF President aide, special representative of the President for the issues of developing the relations with the European Community S. Yastrzhembsky; the member of the Directorate, the Authorized representative of JSC RAO "UES of Russia" for work with the authorities and public organizations L. Gozman; Deputy General Director of JSC "Surgutneftegas" V. Nikiforov; the member of the Prize International Award Committee, RAS academician, the member of the National academy of sciences of the USA, professor of the Maryland university of the USA, R. Sagdeev.

In the course of the press-conference, the amount of the Global Energy Prize for 2007 year was announced - the Prize fund constituted 30 million rubles which approximately corresponds to 1 million 200 thousand US dollars.
THE PRIZE INTERNATIONAL AWARD COMMITTEE
RESOLVED TO AWARD THE GLOBAL ENERGY PRIZE 2007
TO THE FOLLOWING SCIENTISTS:

Professor Torsteinn Ingi
SIGFUSSON (Iceland)

"... for project "Research and works for introducing the hydrogen power engineering in Iceland".

Academician Vladimir
NAKORYAKOV (Russia) and

"... for project "Physical and technical bases of the heat energy technologies - hydrodynamics, heat exchange, non-stationery and wave processes in multi-phase mediums"
Doctor Jeffrey HEWETT (Great Britain)

6.2.3. BRIEFING OF THE GLOBAL ENERGY PRIZE-2007 LAUREATES


the participants of the Briefing were the laureates of the Global Energy Prize 2007: professor Torsteinn Sigfusson (Iceland), doctor Jeffrey Hewett (Great Britain), and academician Vladimir Nakoryakov (Russia), the Chairman of the Prize International Award Committee, academician Fyodor Mitenkov, and the Executive Director of the Prize Igor Lobovskiy.
More than 700 journalists from world-wide mass media accredited for participating in the event asked the laureates of the Global Energy different questions.

Also, during the Briefing traditionally held before the Ceremony, the awards of the laureates: the large Golden medal of the laureate, the Honorable diploma, and the gorget - were exhibited for observation.
The awards of the Laureates of the Global Energy International Prize 2007
6.2.4. THE SOLEMN CEREMONY OF PRESENTING THE GLOBAL ENERGY INTERNATIONAL PRIZE 2007

The fifth solemn Ceremony of presenting the laureates with the Global Energy International Prize took place on the 9th of June, 2007, within the framework of the XI Saint-Petersburg International Economic Forum, and became one of the brightest events of the forum.

"For the fifth time already, we are holding the ceremony of awarding the Global Energy Prize. And during these years, it has become not simply traditional, but it has acquired the substantial weight" - with these words, the President of Russia, Vladimir Putin, greeted the laureates of the Prize and the guests of the ceremony, after which he congratulated each of the laureates and presented them the awards personally.
The Chairman of the Prize International Award Committee, RAS academician, scientific advisor of OKB named aft. I. I. Africantov, Fyodor Mitenkov noted in his speech, that the research of the Russian and the English scientists is "the deep fundamental work having practical application in almost all fields of power engineering". And the work of the scientist from Iceland - Sigfusson - was "interesting not only by its composite structure, but also, which happens rather rarely, by its managerial business component: the author succeeded in realizing on the territory of the whole state the thing which seemed absolutely impossible!".

The laureates received the congratulations from the head of Great Britain and Iceland: the Extraordinary and Authorized Ambassador of Great Britain Antony Russel Brenton read the address of the Prime-Minister of his country, Tony Blair. The Extraordinary and Authorized Ambassador of Iceland in Russia, Benedict Asgeirson congratulated his
compatriot, doctor Sigfusson on behalf of the President of Iceland Olavour Ragnar Grimsson.
On the stage, there also were the heads of the companies co-founders - Anatoliy Chubais - the Chairman of the Board of Directors of JSC RAO "UES of Russia", and Vladimir Bogdanov - General director of JSC "Surgutneftegas". Unfortunately, this year, due to the state of his health, the Chairman of the Board of Directors of JSC "Gasprom" Alexei Miller could not attend the ceremony.

The Executive Director of the Prize, Igor Lobovskiy said: "The fifth ceremony of the Prize awarding is the most interesting and colorful. The professional, competent, and creative approach of the partners did its work: the stylish decoration of the hall and the stage, the presentation clips about the laureates seemingly compressed the time of the ceremony and allowed the guests to understand better the essence of the winners' research. But what is more important - the laureates 2007 are the brilliant scientists who did a lot for the power engineering development on the Earth".

The ceremony of awarding the laureates of the Global Energy International Prize marked the end of the "Week "Energy of the Future" - the chain of special events to the honor of the Prize laureates.
6.3. YOUTH PROGRAM "ENERGY OF YOUTH"

6.3.1. YOUTH FORUM WITHIN THE FRAMEWORK OF WEC-2007

The year of 2007 has become very eventful for the participants and the winners of the All-Russia Competition of Youth Research Projects in the field of power engineering "Energy of Youth".

Besides the traditional competition "Energy of Youth", the young people took active part in the work of the 20th Worldwide Energy Congress WEC-2007 in Rome held within the framework of the Youth Forum WEC-2007.

The Youth Forum was initiated and organized for the first time in the history of the Worldwide energy congresses, with the support of the Global Energy Foundation. The young specialists in the field of power engineering from 100 countries participated in the forum. The most numerous youth delegation was the Russian team formed from the winners of the All-Russia Youth Competitions of Research Projects of Global Energy Foundation in the field of power engineering "Energy of Youth", conducted since 2004.
On the 15th of November, 2007, the participants of the Youth Forum held a speech with the Address to the Congress, scientists, politician, businessmen from all over the world. In the Address, the young people call to pay much attention to the situation with the environment protection on the planet, energy safety, new energy projects, renewable energy sources. The young declared that they can take the full responsibility for developing the energy system of the mankind and forming the new system of energy safety, which system would take into account the interests of the whole world society. In this relation, the participants of the Youth Forum WEC-2007 suggested to create the Youth Worldwide Energy Expert Council - the public organization which purpose would be to provide for expert examination of the mid-term and long-term energy programs in each country from the point of view of such programs safety and efficiency for the future generations.
A student of Vologda State university, Mikhail Volkov said: "Historically, Russia is the leading world energy state and an important link in securing the global energy safety. The fact that today's Russian scientific youth addresses the world community with the call to reasoned resource consumption and, what is more important, to the responsible mid-term planning, is very symbolic".

Igor Lobovskiy who was elected the project head at the Worldwide Youth Forum, notes: "The idea is very simple and logical - the young scientists and specialists in the power engineering are those to become the worldwide experts in the mid-term and long-term programs and investment projects. Because they, our children, are to live and to be held liable to the future generations of the people for the decisions made today".

When preparing for the Forum, our young people conducted huge works for unifying their colleagues from all over the world, discussing of the actual energy engineering issues and subjects. There was created the special Internet-portal for efficient opinions exchange, in which portal work event the editor of the world famous issue "The Economist", John Entrus, took part: "Today, there are two subject to discuss - supporting the constantly increasing of energy consumption by new powerful sources, and the energy safety. These tasks resolving is the challenge for the professionalism of the young. You have the brilliant opportunity of forecasting your future and to influence it. Apart from this, I would like to congratulate the Russian Youth delegation on the brilliant and very important idea of creating the Youth Worldwide Expert Council".
6.3.2. ALL-RUSSIAN YOUTH COMPETITION OF RESEARCH PROJECTS IN THE FIELD OF ENERGY “ENERGY OF YOUTH”

On the 1st of October, the acceptance of applications for the Fourth All-Russian Youth Competition of Research Projects in the field of energy "Energy of Youth" finished.

The young power engineering specialists from 67 cities of Russia participated in the youth competition, from almost all scientific and educational institutions of the country of the corresponding profile, and there are more than 200 of such institutions.

Basing on the results of the final meeting of the Expert Council for summarizing the results of the youth scientific competition of 2007, the resolution was approved to recognize as the winners the works of the following scientists:

Vinokuro Sergei, Moscow. New approaches to solving the problems of safe handling the radiation wastes and the used nuclear fuel.

Grigoriev Sergei, Moscow. The new method of hydrogen production using the plasma technologies.

Kantemirov Yuriy, Razvilka settl. Development of technology of mapping the Earth surface movements caused by the development of the mineral products fields, using the method of satellite differential radar interferometry.

Mintairov Sergei, Saint-Petersburg. High-efficiency cascade solar elements of new generation.

Ryzhenkov Artem, Moscow. Development of technology of the significant decrease of the energy consumption for transporting the working and technological mediums of TEK basing on the modification of the in-pipe surfaces of the mains.
Tolbanova Lyudmila, Tomsk. Development of the efficient energy saving system of accumulation, transportation, storing, and chemical thermal extraction of energy using the thermite compounds on the basis of nano-powders.
6.4. MEDIA COMPETITION "NEWS ENERGY"

"News Energy" competition was held for the fourth time in 2007. Its purpose is to attract the mass media and public attention to the issues of development of scientific research in the field of energy and power engineering, popularization of the ideas of the Global Energy International Prize. "News Energy" Prize is awarded for the high-professional, competent, science intensive, and significant materials elucidating the scientific achievements in the field of energy and power engineering; the criteria of the material evaluation coincide with those for evaluating the works nominated for the Global Energy Prize (humanist direction, global problem, practical benefit for the mankind). Among the winners of the past years are: RIA Novosti and A. Kolesnikov (КоммерсантЪ), Rosbalt and M. Astvatsaturyan (Echo Moskvy), S. Leskov (Izvestiya), and RosInvest.

According to the jury resolution, the winners of the journalist competition "News Energy" in 2007 were:

- information agency ITAR-TASS, in the nomination "Professional informational support";
- Kaha Kahiani, chief editor of "Yezhenedelnik promyshlennogo rosta" (Industrial growth weekly) issue, for the series of articles, in nomination "Professional analytical material".
6.5. THE CEREMONY OF AWARDING THE WINNERS OF THE YOUTH COMPETITION "ENERGY OF YOUTH" AND MEDIA COMPETITION "NEWS ENERGY"

On the 17th of December, 2007, in the House of scientists of RAS, there took place the annual awarding of the winners of the 4th All-Russia Competition of the Youth Research Projects in the field of energy "Energy of Youth" and of the media competition "News Energy" - the summarizing of the results of one of the central projects of the Global Energy Foundation.
The solemn ceremony was attended by: Vyacheslav Nikiforov, deputy General director of JSC "Surgutneftegas" - the representative of one of the founding companies of the Global Energy International Prize; Leonid Bolshov, member of the Prize International Award Committee, corresponding member of RAS, as well as by the winners of the past years competitions.

The award "News Energy" awarded in 2007 to the Informational agency ITAR-TASS was received by the deputy General director Alexander Klein. He thanked deeply the organizers and the members of the jury of the media competition, that resolved on the winners candidates, and noted the value and significance of the award: "ITAR-TASS is one of the world's largest informational agencies which main task is the information support. It is a great pleasure to receive such an honorable award as "News Energy", thus becoming involved in the Prize intended for promotion of the most important energy tasks solution for the whole mankind".
A. Klein, deputy General director of ITAR-TASS informational agency

K. Kahiani, chief editor of "Yezhenedelnik promyshlennogo rosta" (Industrial growth weekly) issue
7. THE PERSPECTIVES AND DEVELOPMENT STRATEGY

7.1. TASKS FOR THE YEAR OF 2008

The Global Energy International Prize has overcame its first jubilee and entered the second five-year term of its life. Thanks to the project, the term "global energy" has fixed in the lexicon of politicians, businessmen, and scientists.

The passed, 2007 year, was the most effective year in the project life, that is why the tasks of the Global Energy Foundation for the year of 2008 are very serious:

7.1.1. FURTHER STRENGTHENING OF THE PRIZE INTERNATIONAL STATUS

The Global Energy International Prize is among the most famous scientific awards. The task is:

- the subject of the Prize remaining among the high-priority informational events of the year of 2007;
- the positioning of the importance of the scientific component of the Prize; for that, it is necessary to deepen the work with the laureates of the Prize of the past years and of 2008 year.
7.1.2. OPTIMIZATION OF THE MANKIND ENERGY PROBLEM SOLUTION RESEARCH

In 2007, the basis of the scientists to whom the right to nominate for the Prize is delegated, was increased by 50%! And, in 2008, the attraction of additional expert examinations, wide informing on the discoveries of the laureates, and the probable applications of their works to the all-mankind practice are to be broadened and deepened.

7.1.3. BROADENING THE FOUNDATION ACTIVITIES WITHIN THE PRIZE FRAMEWORK

Within the framework of the Global Energy International Prize, there is a number of projects, aimed at:

− supporting the young specialists in the field of energy and power engineering, and stimulating the scientific mind development (Youth Competition "Energy of Youth");
− promotion of the Prize both in Russia and abroad ("Pen Energy" competition). Broadening of the projects line for reaching the set goals is the purpose of the new projects which are planned to be developed in 2008:
  ➢ To keep the tradition of the Prize road-show in the Russian and foreign cities - the annual laureate's week, each year - in a new city.
  ➢ Wider engagement of the people involved in Global Energy work (members of the Board of Trustees, Directorate, International Committee, Expert Council) to the Prize promotion.
7.2. FUTURE EVENTS ANNOUNCEMENT

FEBRUARY

27th - 29th of February. II Economic Forum Europe-Ukraine, the Ukraine, Kiev.

APRIL
13th - 15th of April. IV Economic Forum Europe-Russia, Italy, Rome.

15th of April. The meeting of the Global Energy International Committee, Russia, Moscow.

JUNE
5th - 7th of June. "Energy of Future" week within the framework of the XII Saint-Petersburg International Economic Forum, Russia, Saint-Petersburg.


7th of June. Solemn ceremony of awarding the Global Energy International Prize, Russia, Saint-Petersburg.
29th of June - 3rd of July. Worldwide oil congress, Spain, Madrid.
OCTOBER
7th - 10th of October. International oil exhibition "Oil and gas", Kazakhstan, Alma-Aty.

DECEMBER
The ceremony of awarding the winners of the V All-Russia Competition of the Youth Research Projects in the field of energy "Energy of Youth", Russia, Moscow.

The ceremony of awarding the media competition "News Energy", Russia, Moscow.
8. THE PRIZE FINANCIAL REPORT

In general, the expenses of the Global Energy Foundation constituted 74.9 million rubles in 2007.

<p>| Expenses related with organization, holding, and supporting the events of the Global Energy Prize. | 30.9 |
| Global Energy Prize premium fund | 30.0 |
| Youth program | 3.4 |
| Administrative and economical expenses | 4.5 |</p>
<table>
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