



# atomexpo

International Forum  
**ATOMEXPO 2009**  
26-28 May 2009  
Moscow

FORUM  
HIGHLIGHTS





# atomexpo 2010

## International Forum ATOMEXPO 2010

7-9 June 2010  
Manezh Central  
Exhibition Hall

### Forum Program:

- International Nuclear Energy Congress
- International Exhibition

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### Exhibition sections:

- NPP construction;
- Engineering and project management in NPP construction;
- Nuclear fuel cycle: uranium mining and enrichment, materials for nuclear industry, nuclear fuel fabrication;
- Nuclear power plants, operations and safety;
- Small and medium-capacity nuclear power engineering;
- Nuclear sciences, innovative projects;
- Nuclear machinery engineering;
- Power machinery engineering. Electrical equipment;
- Tools and equipment for nuclear industry;
- Decommissioning of nuclear facilities;
- Nuclear medicine. Isotopes;
- Information and communications technologies for nuclear industry;
- Nanotechnologies and nanomaterials for nuclear industry;
- Environmental protection;
- Education and training for nuclear industry; advanced professional training;
- Risk insurance for nuclear industry.

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**Dear Participants of ATOMEXPO 2009!**

I would like to extend my sincere gratitude for the fruitful work at the Forum!

Your renown, professional standing and expertise enabled a broad discussion of the most topical issues of nuclear energy worldwide development, allowed generation of the principal signal transmitted from this venue - the nuclear renaissance perseveres beyond the crisis. This idea has been comprehensively reflected in the plenary session reports, while the main result

of the exchange of opinions has been reconfirmation of the intentions of state authorities and key players of the global market to continue new NPP construction and production capacity expansion programs, as well as investments in nuclear power engineering in new countries.

I sincerely hope to welcome you in Moscow again, and I have a special pleasure to invite you to ATOMEXPO Forum 2010 that will be held 7-9 June 2010.



**Sergey Kirienko,**  
*Chairman of the Organizing Committee of  
International Forum ATOMEXPO*



“The Russian Government accords special priority to nuclear power development. The plans to build twenty six reactors remain unchanged”

**Sergey Sobyenin,**  
*Deputy Chairman of the Russian Federation Government*



“Nuclear power has proved its advantages both from the economic and environmental point of view”

**Dr. Michael Zuess,**  
*CEO of the Fossil Power Generation Division, Siemens AG (Germany)*



“Russia has long opted for nuclear power, we have enormous experience and potential in this area”

**Sergey Shmatko,**  
*Minister of Energy of Russia*



“The world economic crisis will play into the hands of nuclear companies. It provides a certain pause and an opportunity to think over how to work jointly and effectively to supply the world with larger amounts of energy”

**Sergey Kirienko,**  
*Director General of SC Rosatom*



“Increase of nuclear in the energy mix today is an objective strategic priority for ever increasing number of states”

**Takahiko Iikura,**  
*Deputy Director for Technology at Toshiba Power Systems, Toshiba Corporation (Japan)*



“ATOMEXPO Forum is an effective tool to develop partnerships, it is a unique platform in terms of business potential”

**Yuri Olenin,**  
*President of JSC TVEL*



“The nuclear renaissance urges for harmonized international efforts”

**Luc Oursel,**  
*President of AREVA (France)*



“We must strive for sustainability on the planet, not to release CO<sup>2</sup>, greenhouse gases”

**Takuya Hattori,**  
*President of JAIF (Japan)*



“The development of partnerships is the answer to challenges of the modern world faced by nuclear power sector companies”

**Guy Chardon,**  
*Senior Vice President, Alstom (France)*



“We have realized that cooperation paralleled with competition is to a great degree in nuclear industry interests”

**Dr. Shreyans K. Jain,**  
*Chairman of Nuclear Power Corporation of India Limited (India)*



“I think ATOMEXPO Forum has made us feel a serious intention of the Russian government to develop nuclear energy”

**Akitoshi Imaizumi,**  
*Vice-President, Mitsubishi Heavy Industries (Japan)*



“Nuclear power as one of important constituents of electric power generation draws attention in many countries and possesses advantages such as technical maturity, environmental cleanness, economic efficiency and high safety”

**Yang Zhangli,**  
*Vice President of China National Nuclear Corporation (China)*



## The Core of Cooperation

**The International Forum ATOMEXPO has become the major international exhibition and business ground of the Russian nuclear industry.**

A high-profile and influential platform for exhibition and presentation of nuclear industry at the international level has appeared in Russia – the fact was unilaterally agreed upon by the foreign and Russian professionals, the heads of national delegations and top executives of market-leading companies who attended the Forum. For them the Forum became an opportunity for benchmarking with regard to the key issues of nuclear energy development as well as timesaving through completing the tight negotiations schedule with the largest Russian counterparts.

Almost  
**4 000**  
exhibition  
visitors

“We use ATOMEXPO as a place where we can meet with the management of Rosatom, Atomenergoprom and TENEX within a short time. The mere fact of ATOMEXPO taking place makes them all be available there”, Pavel Krupnik, Director of International Programs at United States Enrichment Corporation (USEC), said.

The International Forum ATOMEXPO 2009 was held in Moscow 26-28 May at one of the major exhibition centers – at the Forum Hall of Moscow Expocentre. The essential discussion was devoted to international

cooperation in the time of the world economic crisis. That is one of the most acute topics for the industry whose pre-crisis development plans showed a wide gap between the available production capacities and overall intentions of world nations to increase the nuclear share in the energy mix.

Without procrastination, at the very first plenary of ATOMEXPO Deputy Chairman of the Russian Government Sergey Sobyenin raised this topic by emphasizing the high priority the Russian Government accords to the nuclear energy development. This statement at large became the starting point of further presentations and discussions within the business program, while the imposing framework of the Congress stressed their intensity and topicality even more. On the Russian side the Congress was attended by Russian Minister of Energy Sergey Shmatko, First Deputy Chairman of the Federal Council within the Federal Assembly Alexander Torshin, Chairman of the Federal Environmental, Industrial and Nuclear Supervision Service Nikolay Kutyn, Deputy Chairman of the State Duma Energy Committee Konstantin Zaitsev. ATOMEXPO was attended by all top managers of the principal nuclear companies in Russia.

The high international level of ATOMEXPO 2009 was set by the addresses of SC Rosatom Director General Sergey Kirienko, Chairman of Nuclear Power Corp. of India Ltd. (NPCIL) Shreyans Jain, President of AREVA NP Luc Oursel, President of Japan Atomic Industry Forum Takuya Hattori, Deputy Director for Technology

of Toshiba Power Systems Takahiko Iikura, Vice President of China National Nuclear Corporation (CNNC) Yang Zhangli, CEO of Fossil Power Generation Division of Siemens AG Michael Zuess, Senior Vice President of Alstom Guy Chardon and others.

holds in these states,” Bruce Hamilton, President of FuelCo Group, said.

As to ATOMEXPO 2009 Exhibition, alongside SC Rosatom’s joint exposition of its member companies (Atomenergoprom, Atomstroyexport, Atomenergomash, TVEL, TENEX, Uranium Holding ARMZ, Concern Energoatom etc.), it included displays of nuclear industry leaders such as Alstom, AREVA, Siemens, Nukem Technologies, NPCIL, CNNC, CGNPC, Kazatomprom and others.

Russian companies and organizations which partner nuclear industry enterprises occupied a substantial exhibition space. These were United Industrial Corporation, Holding Titan-2, Integrated Service Oil and Gas Systems, Ruspolymer, Chekhov Power Machine engineering Plant, Baltkran, Podolskabel, Saturn-Gas Turbines, AVEVA etc.

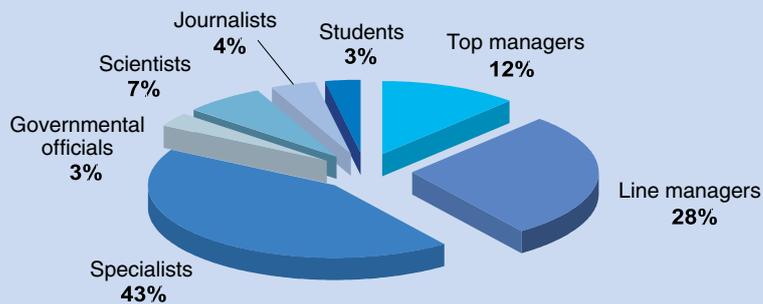
On the whole, ATOMEXPO 2009 was visited by 4,000 people, over 1,000 of which attended the Congress. “We were satisfied with these figures”, Nikolay Doronin, the Atomexpo (the Forum’s organizer) Director General, said. “But ATOMEXPO 2010 is approaching, and I think the potential of the Russian major nuclear industry exhibition ground can be and should be further developed.”

“ATOMEXPO 2009 is a perfect forum where nuclear industry leaders meet on a single ground, exchange opinions on nuclear industry development as well as on the current scenario of the nuclear renaissance when general needs for nuclear energy are growing fast”, Chairman of Nuclear Power Corp. of India Ltd. (NPCIL) Shreyans Jain said.

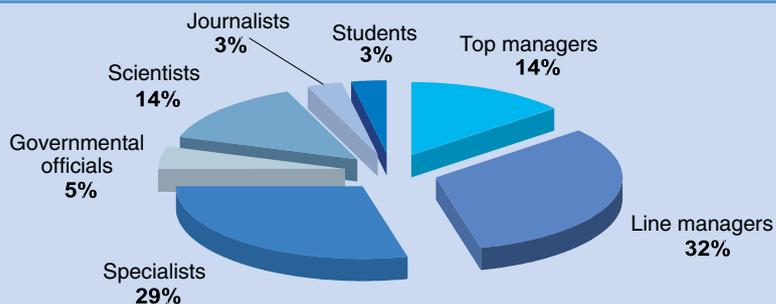
Among the distinguished features of such a high-level event was the intensity of the business program within which contracts between three US companies of FuelCo Group and TENEX were signed. The contracts for supply of Russian enriched uranium in 2014-2020 to the USA exceed one billion US dollars. “This is a historic event, TENEX and FuelCo have been working hard for nearly five years to achieve this success. The fuel to be fabricated under this contract will be supplied to nuclear power plants located in the US states of Texas, Missouri and California. These plants will generate electricity for 5 million house-



Exhibition visitors



Congress delegates





Algeria



Australia



Armenia



Belarus



Brazil



Canada



China



Czech Republic



Denmark



Egypt



Finland



Germany



Hungary



India



Iran



Italy



Japan



Kazakhstan



Oman



Romania



Russia



Slovakia



South Korea



UAE



Ukraine



United Kingdom



USA



Uzbekistan



## International Forum ATOMEXPO 2009 Participants

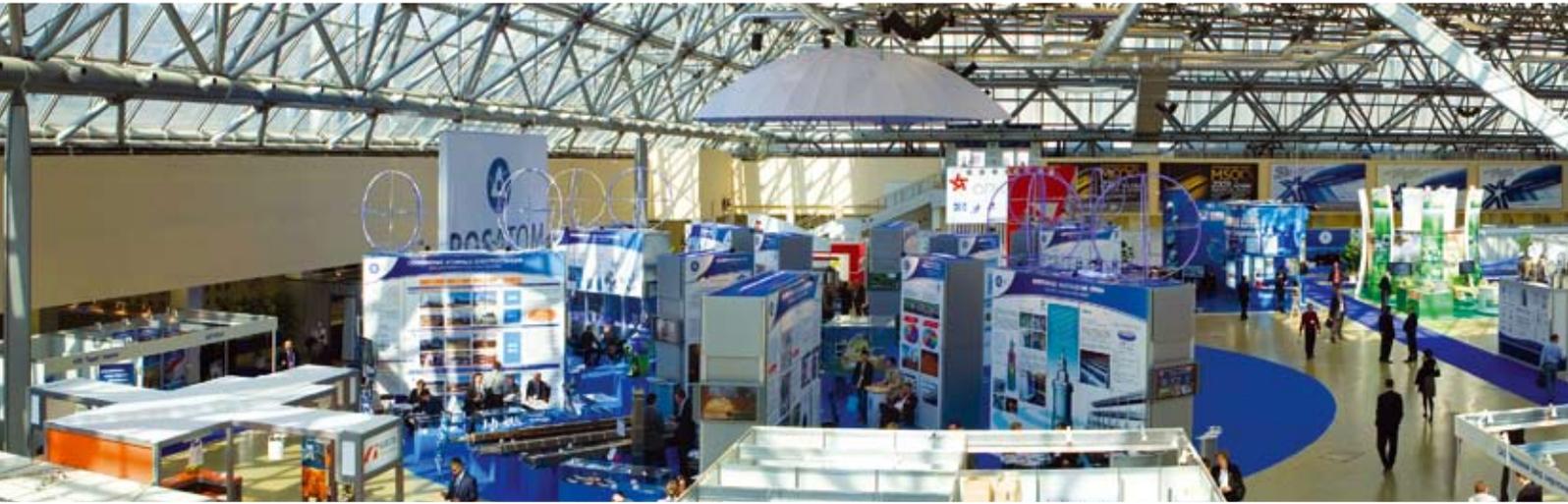
ALSTOM  
Alstom-Atomenergomash  
Ansaldo Nucleare  
AREVA  
ARMZ  
Atomenergoprom  
Atomstroyexport  
AVEVA  
Baltiisky Zavod  
CEZ Group  
China Guangdong Nuclear Power Co.  
China National Nuclear Corporation  
Concern Energoatom  
Electricite de France  
Fortum  
Fuelco LLC  
GE-Hitachi Nuclear Energy  
Group E4  
Hewlett Packard  
IBM  
Industrias Nucleares Do Brasil  
Japan Atomic Industrial Forum (JAIF)  
JSC TVEL  
KATCO JV LLP  
Marubeni Corporation  
Microsoft  
Mitsui & Co.  
MVM  
NAC Kazatomprom  
NAEC Energoatom  
Natsionalna Elektricheska Kompania EAD  
Nuclear Power Corporation of India Ltd.  
NUKEM Technologies GmbH  
OMZ  
Paks Nuclear Power Plant  
Rolls-Royce Civil Nuclear SAS  
RWE AG  
SC Rosatom  
SC Rusnano  
SIEMENS  
Techsnabexport (TENEX)  
Tecnicas Reunidas  
Tectubi Raccordi  
TOSHIBA  
United Industrial Corporation  
Uranium One Inc.  
USEC  
WANO  
Wilh.Schulz GmbH

Over 150 companies in total



**ERNST & YOUNG**  
Quality In Everything We Do

**SOGAZ**  
INSURANCE GROUP



International Congress  
ATOMEXPO focused  
on the most topical issues  
of the world nuclear energy  
development:

- Development of nuclear energy. International cooperation in the conditions of the world financial crisis
- Legislative support of the nuclear industry development in the current conditions
- Topical issues of the international nuclear law
- Nuclear power engineering complex: Investment profile
- NPP engineering and construction project management
- Nuclear energy. Small and medium capacity NPPs. Infrastructure development
- Innovative nuclear reactors
- International cooperation in the nuclear fuel market as a factor to increase supplies guarantees
- Procurement of new nuclear technologies
- Information and communications technologies for nuclear industry
- Evolutionary development strategy of APCS for NPPs

International Exhibition  
ATOMEXPO 2009  
was attended by:

- **Sergey Sobyanin**, Deputy Chairman of RF Government;
- **Sergey Shmatko**, RF Minister of Energy;
- **Alexander Torshin**, First Deputy Chairman of the Federal Council within the Federal Assembly;
- **Nikolay Kutyin**, Chairman of the Federal Environmental, Industrial and Nuclear Supervision Service;
- **Sergey Kirienko**, Director General of SC Rosatom;
- **Konstantin Zaitsev**, Deputy Chairman of the State Duma Energy Committee;
- **Dr Shreyans K. Jain**, Chairman of Nuclear Power Corp. of India Ltd (NPCIL);
- **Luc Oursel**, President of AREVA NP;
- **Takui Hattori**, President of Japan Atomic Industry Forum;
- **Takahiko Iikura**, Deputy Director for Technology at Toshiba Power Systems, Toshiba Corporation;
- **Michael Zuess**, CEO of Fossil Power Generation Division of Siemens AG;
- **Guy Chardon**, Senior Vice President of Alstom;
- **Bruce Hamilton**, President of FuelCo;
- **Kirill Komarov**, Executive Director of Atomenergoprom;
- Top managers of SC Rosatom and Atomenergoprom, executive officers, heads of divisions and specialists of the largest Russian and foreign nuclear companies.





Some 95 Russian and foreign media provided an extensive coverage of the International Forum ATOMEXPO 2009

### Conclusion of contracts on the Forum grounds

between TENEX and three US companies of FuelCo group. The contracts for supply of Russian enriched uranium in 2014-2020 to the USA exceed one billion US dollars. "The fuel to be fabricated under this contract will be supplied to nuclear power plants located in the US states of Texas, Missouri and California. "These plants will generate electricity for 5 million households in these states," Bruce Hamilton, President of FuelCo Group, said.



## Experts' comments



**Dr. Shreyans K. Jain,**  
*Chairman and Managing Director, NPCIL, India*

**A**TOMEXPO is really a good Forum for leaders of nuclear industry across the world to come on a single platform, share real perception about the growth of nuclear industry. Also in the present scenario nuclear renaissance where total nuclear power requirements are increasing with the fast pace but because of the limited supply chain, limited, because the industry for many years was dormant, it wasn't loaded with the large orders. We have realized that this is in larger interest of nuclear energy to cooperate with each other, while competing with each other. Now at ATOMEXPO they are meeting and joining together.

Indian cooperation with Russia is lasting for years. It includes construction of nuclear reactors, we are completing the first two reactors of Russian design. This year we are planning to start construction of two more reactors itself. As part of the intergovernmental agreement between the two governments, Kudankulam NPP will have six VVERs, one more site will be allotted for Russian reactors. So, on the whole, we will have 10 to 12 VVERs.



**Alfons Benzinger,**  
*Head of Media Relations Energy Corporate Communications and Government Affairs, Siemens, Germany*

**T**he Forum ATOMEXPO is interesting for us because nuclear power is making ever growing share of a total energy mix and we also want to become its substantial part.

I was at the opening and felt the tune of a breakthrough, i.e. somewhat revolutionary motion, since today nuclear pertains to actively developing energy areas which, perhaps, will take the largest part in the world.

I think this Forum will give an impetus to the international development in this area. And since nuclear generation is impossible without an international cooperation, this Forum will give the cooperation a push.

In early March a preliminary agreement to start the cooperation was signed with Rosatom and this work continues.



**Borbala Vajda,**  
*President of the National Commission for Nuclear Activities Control, Romania*

**A**t ATOMEXPO we expect to get in touch with new trends in the nuclear field, to share experience with other participants and to discuss the continuation and possible extensions of the current Romanian-Russian cooperation in the field of nuclear safety.

We represent the Romanian nuclear regulatory body (the National Commission for Nuclear Activities Control -CNCAN) and for this reason it is very important for its personnel to be informed and up to date with the last developments, possible cooperation directions, and other countries' experience in the nuclear field. The International Forum will assure the required contacts and environment for discussions with the biggest actors in the world nuclear field.

Currently, Romania and Russia have a very good cooperation for the implementation of the Russian Research Reactors Fuel Return (RRRFR) Program, which will be completed this year. The Romanian VVR-S research reactor is going to be decommissioned and for this reason, all the spent nuclear fuel needs to be evacuated from the site. The Romanian RRRFR Program covers the return of the HEU spent nuclear fuel. Romania intends also to return the LEU spent nuclear fuel (EK-10 type) to Russia, due to the fact that currently we don't have the appropriate means to permanently store this fuel. CNCAN is interested also in other directions for cooperation with involved authorities in Russia, such as: the development of bilateral consultation on nuclear safety relevant issues, joint international seminars and workshops that can be alternatively organized in Romania and Russia, sharing experience in radioactive waste management.

This Forum will play an important role for the development of the Russian-Romanian and Russian-other countries cooperation, because it brings together the involved authorities and world top companies, providing the right themes of discussions in the appropriate environment.

**Yuri Lipatov,**  
*Chairman of the State Duma Energy Committee*

Leading experts of the world nuclear industry took part in ATOMEXPO 2009 Forum. This representation gives evidence that the interest in the development of nuclear energy is not only diminishing in the time of the world financial crisis but growing both in Russia and worldwide. The Russian nuclear industry has a huge potential regarding the entire nuclear fuel cycle, and thus it is highly competitive in the world market of nuclear services. In compliance with the “General Scheme of Electric Power Engineering Facilities Placement through to 2020” and in line with international trends the Government allocates significant funds to develop power engineering, including the construction of NPPs thus emphasizing the priority of this course. I hope the International Forum ATOMEXPO 2009 turns into a national exhibition ground that will be promoting ideas of the Peaceful Atom to yet another higher level in the framework of scientific and technological interaction and wholesome competition.



**Kirill Komarov,**  
*Executive Director of Atomenergoprom*

The results of the International Forum ATOMEXPO 2009 are impressive, since amid the global financial crisis it would be quite logical to expect curtailment of investment programs in nuclear industry as well. In the meantime, here in Moscow, the largest companies and official authorities which have been proactively developing and planning to develop the nuclear energy sector have confirmed their plans to actively develop the nuclear power generation. This is a outspoken indicator of the international definitive recognition of the strategic priority of nuclear energy in the modern world.

I think the Forum business program was extremely efficient and informative for Atomenergoprom and most of the affiliated companies. Importance here should be attached not solely to the conclusion of official contracts but primarily to the opportunity of direct informal communication with top executives and middle management of companies - world leaders of the nuclear power sector. Meetings like this boost large-scale plans and ambitious projects.



**Vladimir Hlavinka,**  
*Member of the Board, Chief Production Officer of CEZ, Czech Republic*

My impression of the Forum ATOMEXPO and round-table discussion, in terms of the exchange of experience, is that it was made so that an open discussion was possible. This is the best option for an experience exchange. This is my opinion and my impression. I attended to familiarize with nuclear industry development options not only in Russia but also in the world. For instance, I'm very interested in floating nuclear power plants in terms of both electricity supply and design. For us as a Central European country it is not topical, but it is interesting in view of electricity supplies and design features.

We continue the cooperation with Russia and I hope it will continue. Not only continue but develop, as well.



**Beate C. Scheffler,**  
*Corporate/Marketing Communications Director, Nukem Technologies GmbH, Germany*

ATOMEXPO forum is interesting for Nukem Technologies because for German company the Russian market of decommissioning and waste treatment is a very attractive one and here we have a chance to meet the Russian industry. Everything is well organized and the forum seems to be really a good opportunity.

As for the contemporary condition and prospects of Russian-German cooperation in nuclear sphere, I think there are interesting opportunities and will see further development in the future.

I think that ATOMEXPO will help Russia to develop ties with other countries in nuclear field because in every business the most important thing is personal relationship and meetings between people and companies will help to have better relationship.





**Serge Runge,**

*Vice President CIS & Eastern Europe Region, International & Marketing Department, AREVA, (France)*

We have very positive impressions of the Forum... We are very glad that we came here. Here we have a possibility to communicate both with Russian colleagues – I would say Russian friends, and with colleagues from other countries. It is very pleasant to be in Moscow and to discuss partnership.

Areva is used to taking part in international conferences all around the world, but the fact that the Forum is held in Moscow, provides an opportunity to have a look at the Nuclear Renaissance and international collaboration from the “Russian point of view”. I believe it will generate new ideas for further relations. The Nuclear Renaissance can be clearly felt here at the Forum. All speakers have been telling about preparations for the Nuclear Renaissance in their countries and similar obstacles encountered with in different countries (search for investors, industrial capacity development for manufacturing, education and professional training). All these issues have been on the agenda, thus it can be clearly sensed here at the Forum that the Nuclear Energy Renaissance is advancing worldwide.

Areva has been cooperating with Russia in various fields of nuclear energy engineering, with our relations having lasted for a few decades. We are convinced that we have built up some positive communication experience with Russian colleagues and we are able to continue this collaboration.

On the contract with Fuelco:

We and TENEX signed such contracts three years ago; it is normal trade. Naturally, the American market is very tough in terms of the competition but the TENEX’s success is a normal global approach plus all nuclear fuel component parts.



**Marina Amelina,**

*Head of Underwriting Department of Nuclear Insurance Broker*

Presently due to the market conditions and foreign policy of our country we have been undergoing integration with the western community and their projects. Therefore, I believe they will help us with this integration in terms of knowledge and promotion of our products, i.e. fuel, construction services etc. If we have a course for integration, we should meet and discuss it, as nothing would come out by itself. As a result, we will have the development through the cooperation declared as the subject of the Forum.



**Mikhail Matovnikov,**

*Director General of Interfax – Center for Economic Analysis*

The promotion of nuclear industry innovative attractiveness is important to us. Another concern is the issue of building up an image of the nuclear industry as promising, attractive for investment, transparent with the investors and buyers of Russian services. As far as the nuclear industry depends not only on the federal budget funds, but on private investment as well.

The aphorism presently applicable to the nuclear industry reads that “a rising tide lifts all” enterprises, but they are jeopardized by a storm at the same time. Therefore, in this situation a joint effort can produce a truly great effect, which would by far override an individual effort of companies to improve the image of the industry.

So in this sense the Forum will merge the joint efforts for the entire industry rather than for separate companies. I think one of the main goals of ATOMEXPO is to bring an idea to the international community that the nuclear industry in Russia is much bigger than just an atomic bomb, it’s not just electricity generation but also a huge investment and economic potential. Besides, another goal is feasible in the framework of the Forum that is to facilitate international cooperation in implementation of large-scale projects of nuclear energy development.

Nuclear generation is linked to a lengthy investment cycle and large capital costs, therefore the crisis is not a reason to cancel the Forum. On the contrary, large-scale projects launched during the crisis have all chances to be assessed realistically and to reach planned capacity in a favorable economic environment.

**Yuri Nedashkovski,**  
*President of NAEC Energoatom, Ukraine*

At the Forum ATOMEXPO I expect interesting meetings, vivid discussions and most recent information exchange with colleagues. As it is known, Ukraine has declared its intentions to develop nuclear power engineering and nuclear industry on a large scale. ATOMEXPO provides an opportunity of selecting optimal solutions for the tasks we face.

In the first place, the Forum is interesting by an opportunity to discuss promising areas of cooperation with our traditional partners, world largest companies, and broaden the geographical scope of the clientele database, share methodologies. The Forum provides a platform to voice our development plans and attract new technologies and investments to Ukraine.

Today, in the epoch of globalization and creation of transnational alliances Ukraine cannot and should not keep apart from discussions on the future of nuclear energy. ATOMEXPO is a perfect ground for such discussion.

As to the current status and prospects of cooperation in nuclear power engineering, I'd like to note that our relations with Russia are historically very sound. It is difficult to name an area where no cooperation is planned. It's just the harmonization of regulation with European standard that we will do on our own. And that is solely due to that fact that Russia is not concerned about this. In other respects joint projects are underway in all areas including social sphere. I'd like to note that short-term plans include the signing of a long-term contract with TVEL for nuclear fuel supplies to Ukrainian nuclear power plants, the construction of a nuclear fuel fabrication plant in Ukraine, and the cooperation in frames of IUEC, i.e. uranium enrichment.

The Forum demonstrates openness of Russia, readiness of its nuclear power engineering and nuclear industry for international mutually beneficial cooperation. And the main thing is that it provides the existing and potential parties to this cooperation an opportunity to discuss topical issues which many countries cannot solve on their own, to find new points of contact. The ATOMEXPO participants' list is an evidence of numerous market players' interest towards expansion of such collaboration. I do not exclude the possibility that we could become involved and witness the emergence of new most enticing transnational alliances.



**Karl Johansson,**  
*Ernst & Young CIS Managing Partner*

The Russia ATOMEXPO forum will bring together the heads of major companies that are world leaders on the nuclear energy market.

First of all, foreign participants are looking forward to the opportunity to make new contacts and learn about the latest high-tech trends, including nanotechnologies. There is no other such forum in the world today for discussing the development of future technologies in the area of nanotechnology. Most importantly, the forum will address both the scientific aspects of nanotechnology development and the practical application of nanotechnologies in the real world.

I think ATOMEXPO will promote cooperation between Russia and other countries in the area of nuclear energy, because it's an opportunity to build a bridge between Russia and leading companies and research institutes abroad.

Above all, the exchange of experience and exposure to world practices will be most valuable for Russian nuclear energy companies at the Forum.



**Aaron Michelin,**  
*Managing Director, Enersense Oy, Finland*

I just came from Beijing where there was a similar congress. I have to say that I'm extremely impressed with the organization committee of ATOMEXPO for the very professional work of doing this part of congress. From my point of view everything is extremely well. I have to congratulate the organization committee for doing such an impressive job.

Obviously nuclear industry itself isn't just competition, it is partnership. There are very few companies in the world who can build up new nuclear sites and they all work together so this type of forums like this are needed that people can meet each other and talk. Huge need of nuclear energy in the future and I would say that we most probably in two or three years time the whole business will expand very quickly. All these companies are working together and they need new partnerships, so these types of forums are very much needed.



**Pavel Krupnik,***International Programs Director, United States Enrichment Corporation (USEC), USA*

**W**e enrich uranium in the United States and implement the Russian-United States intergovernmental program HEU-LEU under which a part of the Russian weapons uranium is downblended and supplied to nuclear power plant in the USA, of which 50% operate using the fuel made of the Russian uranium.

We use ATOMEXPO mainly as a place where we can, within a short period of time, meet top executives of Rosatom, Atomenergoprom and TENEX. The fact of holding ATOMEXPO makes all of them to gather together.

The Russian nuclear industry has a serious potential along the very vertical of NFC (largest uranium enrichment capacities in the world, experience in building nuclear power plants and spent fuel management) that makes Rosatom an attractive potential partner for some and a serious competitor for others.

At present we operate strictly in frames of the intergovernmental agreement but, naturally, we would be interested in the broadening the range of the cooperation that is not so easy at the present moment because Rosatom has perceived its strength and is very caution about partners. It is not 1994 when the industry faced a single task of finding means for survival.

**Luo Changsen,***Director-General, Professor, Department of Science, Technology and International Cooperation, China National Nuclear Corporation (CNNC), China*

I think ATOMEXPO Exhibition is terrific. I saw many influential foreign corporations participating here. It is a good idea to combine the Congress and Exhibition.

CNNC is one of the few corporations which develop a number of areas in the nuclear power. We want to see us among significant companies in this area in the world. Our corporation has full cycle from uranium exploration, mining and processing nuclear power plant design and construction and INF management. That is why it is important for us to be in the world market. Rosatom is an influential company in the world, that is why, with our pleasure, we participate in ATOMEXPO, which is organized by Rosatom.

I think the cooperation between Russia and China in nuclear power has a long history. In the 1990's there was a growth in the construction. This was the time when we launched the construction of Tianwan-1,2. The cooperation with Russia has reached a new level. In November 2007 China and Russia signed a mid-term power cooperation deal. It is about a great number of joint projects which include all areas of nuclear industry, including uranium exploration, mining and processing, construction of nuclear power plants, and scientific research. Over the recent 30 years our corporation has been developing domestic productions on a large scale, and it is important for us to implement the foreign experience. Today, we have good specialists and scientific institutions, therefore the Chinese and Russian companies could implement larger joint projects and assist each other in the world nuclear market. For example, we could jointly develop the 4-th generation plants. Now, China has a large-scale nuclear development program and new trends evolve which open up new prospects of the cooperation with Russia in nuclear power.

**Istvan Hamvas,***Technical Deputy of CEO, Paks NPP, Hungary*

No doubt, it may be noted that all who were present at these round-table discussions [in frames of ATOMEXPO Forum] are in the nuclear power development. I noted two more important factors: everyone wants to improve ties for the cooperation; and it is also apparent that the competitiveness aspect, the competition between firms is important. I think the nuclear renaissance will depend, in many respects, on when this cooperation would take place. Therefore, I think this Forum was important because such events launch these processes. This cooperation will be much stronger in several years.

As to the Russian-Hungarian nuclear cooperation, we think the major factor for the reactors which have already operated in Hungary is the supplies of ever more perfect fuel. We also believe that for the existing reactors it would be very important to get the technical support in the spent nuclear fuel management. As to our future reactors, we think Russian companies have good prospects among potential suppliers which are three-four, approximately. Certainly, this will be done through a tender but Hungary has already developed and mastered the pressurized water reactor culture. Of course, we will be glad to receive a Russian offer.

**Arvo Vuorenmaa,***Vice President for Fortum Generation, Finland*

I have very high expectations regarding ATOMEXPO 2009. This is because the presentations and speeches are given by very highly qualified and prominent persons in the nuclear energy business. The program of the Forum is also very well prepared, with several interesting topics from my point of view.

The Forum is interesting for me because I have had a very long and fruitful cooperation with the Russian nuclear industry for several decades as Plant Manager for Loviisa NPP, and now as Vice President for Fortum Generation's nuclear related business. I hope that the Forum will give a professional update of the business and technical issues. I'm also looking forward to meeting and having discussions with colleagues from Russia and other countries and organisations.

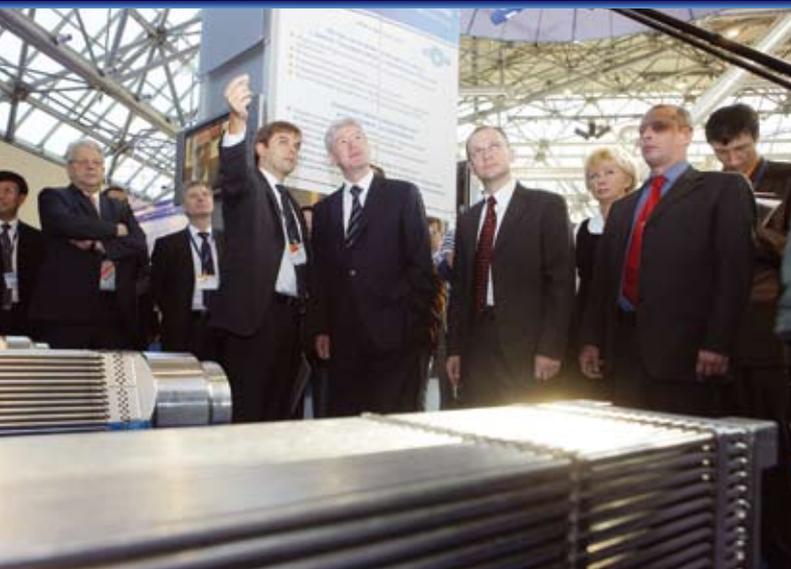
As for contemporary condition and prospects of cooperation with Russia, we have had a very good and fruitful cooperation on several areas in the past, and I believe that this seminar is important to even further develop this cooperation.

I definitely think that this Forum will have an important role in developing the cooperation between Russia and foreign countries. This because when people have an opportunity to meet face to face and make personal contacts with each other, it will develop a good platform for further and deeper cooperation.

**Nicola Cotugno,***Member of the Board, Director of Power Division, Slovenské elektrárne, Slovakia*

I think that ATOMEXPO forum was really a great occasion to meet here with the main fuel supplier companies, an opportunity to share our ideas how to promote the security of nuclear supplies, how to achieve better result. It was an open constructive discussion. I think that it was a really good occasion for all of us.

I think that ATOMEXPO forum will help Russia to develop and intensify its international ties in the nuclear field. This kind of meeting always promote the strengthening of the relationship between different partners and not to meet two by two, but all together can give another speed, another strengthen to the process of cooperation. So I'm really positive telling this is an important step.



Sergey Sobyenin and Sergey Kirienko touring the Exhibition



Michael Zuess and Nikolay Spassky at the Plenary



Profile of world nuclear industry (Takuya Hattori, Nikolay Kutyin, Luc Oursel, Alexander Torshin, Sergey Sobyenin, Shreyans K. Jain, Michael Zuess, Nikolay Spassky, Sergey Kirienko)



Sergey Sobyenin's address (presidium: Guy Chardon, Takuya Hattori, Nikolay Kutyin, Luc Oursel, Alexander Torshin, Sergey Kirienko, Shreyans K. Jain, Michael Zuess, Nikolay Spassky)



Sergey Kirienko and Sergey Sobyenin at SC Rosatom stand



Sergey Kirienko inaugurates the International Exhibition ATOMEXPO 2009



Yang Zhangli and Sergey Kirienko on the sidelines of the Forum



Yuri Olenin's interview with Andrey Reznichenko of RIA Novosti



Takuya Hattori and Sergey Kirienko on the sidelines of the Forum



Sergey Shmatko's opening address to ATOMEXPO 2009  
(on the stage: Sergey Kirienko, Konstantin Zaitsev, Alexander Torshin)



Alstom stand



Speech by Alstom Senior Vice President Guy Chardon (presidium:  
Michael Zuess and Nikolay Spassky)



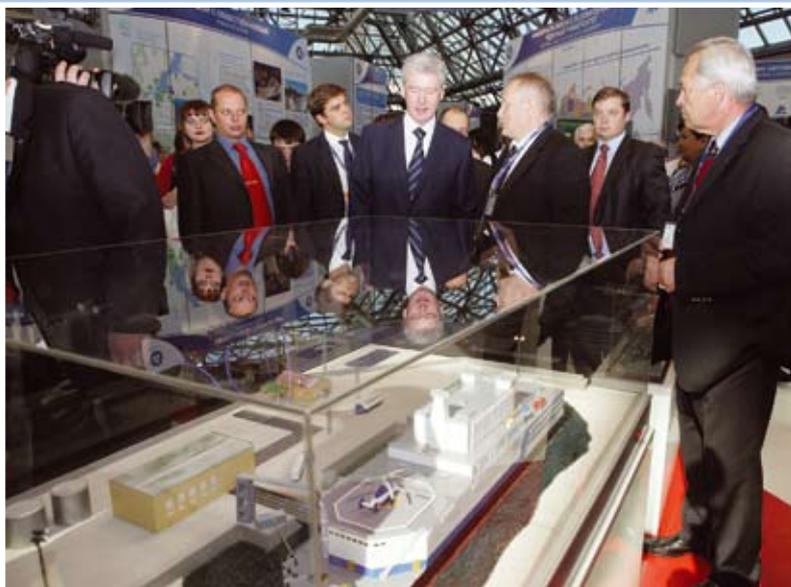
Nikolay Kutyin address at the opening ceremony of International Exhibition ATOMEXPO 2009



Negotiations with Paks NPP delegation (Sergey Kirienko, Yuri Olenin, Janos Suli, Sandor Haragos)



Yang Zhangli at the reception on behalf of SC Rosatom's Director General



Sergey Sobyenin at OKBM Afrikantov's display of the floating NPP



Everybody is welcome at Woltag's



Alexey Grigoriev, Sergey Kirienko, Sergey Sobyenin, Michael Zuess at Siemens' stand



Sergey Sobyenin, Sergey Kirienko and Guy Chardon at Alstom's stand



On the sidelines of the Forum: Kirill Komarov, Alexey Grigoriev, Vladimir Travin



Michael Zuess, Ditrich Moeller and Nikolay Kutyin



Siemens stand



Takuya Hattori, Shreyans K. Jain and Michael Zuess before the Plenary



Sergey Kirienko and Luc Oursel



Discussion of the report: Vladimir Vorontsov, Head of Integrated Design Division of Atomenergoproekt



The Congress Plenary session



Registration of the Forum's delegates and visitors



The stand of Nuclear Power Corporation of India Ltd.



The Congress Plenary Hall



Energy Minister Sergey Shmatko in close-up view



AREVA stand



Siemens: Lunch-time



Siemens: cute smiles, serious business



Sergey Kirienko: press interview



SC Rosatom's stand:  
150 Let Pobedy nuclear icebreaker mock-up



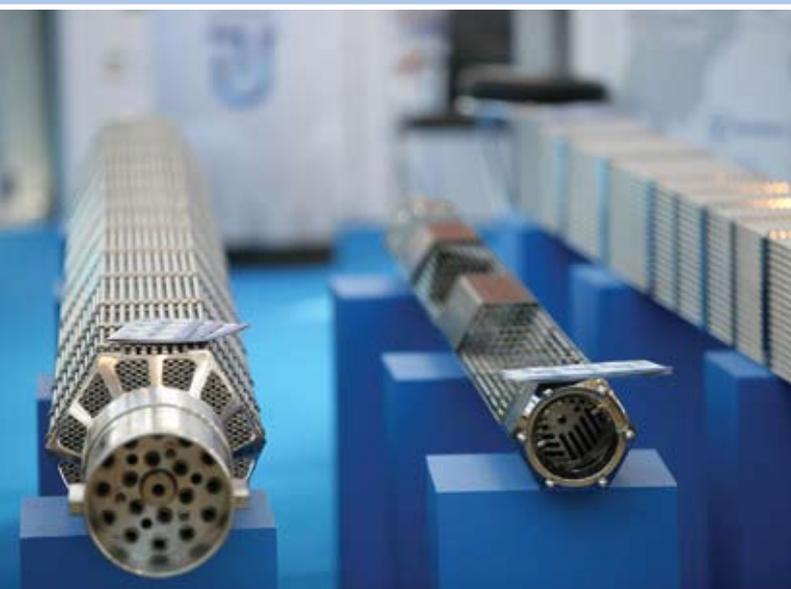
Kirill Komariov, Alexey Grigoriev and Takahiko Iikura  
at the Congress Plenary presidium



State Corporation Rosatom stand



The stand of Guangdong Nuclear Power Corporation



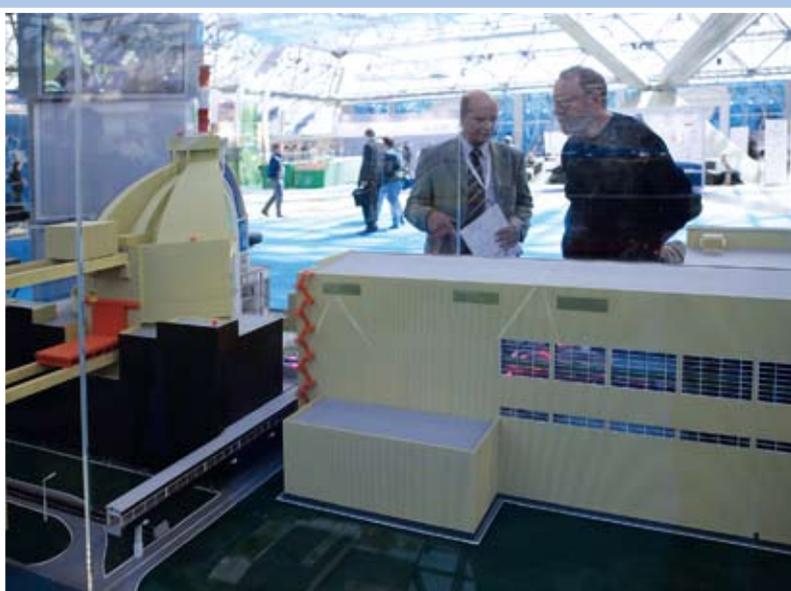
Fuel assembly mock-up at the united stand of Russia's nuclear enterprises



Nukem stand



AVEVA stand



VVER-1200 reactor mock-up



# atomexpo 2010

## International Forum ATOMEXPO 2010

7-9 June 2010  
Manezh Central  
Exhibition Hall  
Moscow, Russia

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### EXHIBITION PRELIMINARY APPLICATION FORM



Please, send this form to the Organizers by

Fax: +7 495 952-9949,  
E-mail: atomexpo@rosatom.info

Contact person: Anna Belokoneva  
Contact phone: +7 495 645-2327

Company name

Contact person

Phone  Fax  E-mail

We would like to book stand space of  m<sup>2</sup>  
(please, indicate the space needed)

#### EXHIBITION PARTICIPATION COSTS

	50% advance payment before 01.12.2009	Advance payment after 01.12.2009
Registration fee	700 EUR*	700 EUR*
Bare space per sqm	310 EUR*	350 EUR*
Shell scheme per sqm	360 EUR*	400 EUR*

All prices without VAT (18%)

Full name of the person authorized to fill in the form

Position

Date  /  / 20 r.

Signature

This is a preliminary request. Upon receipt our manager will contact you for details.



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### CONGRESS PRELIMINARY APPLICATION FORM

Please, send this form to the Organizers by

Fax: +7 495 952-9949,  
E-mail: atomexpo@rosatom.info

Contact person: Anna Belokoneva  
Contact phone: +7 495 645-2327

Company name

Contact person

Phone  Fax  E-mail

We would like to have  persons registered for ATOMEXPO 2010 Congress  
(please, indicate the number of delegates)

#### CONGRESS PARTICIPATION COSTS

	advance payment before 01.12.2009	Advance payment after 01.12.2009
One participant	1300 EUR*	1400 EUR*
Two and further participants	1100 EUR*	1200 EUR*
Special offer for participants of Exhibition ATOMEXPO-2010; for one participant	900 EUR*	1000 EUR*

All prices without VAT (18%)

Full name of the person authorized to fill in the form

Position

Date  /  / 20  r.

Signature

This is a preliminary request. Upon receipt our manager will contact you for details.