



Capacity building
2014 INTEGRATED ANNUAL REPORT
Short version



ar2014.aem-group.ru

JSC Atomenergomash provides access to the integrated interactive version of the annual report for 2014 for its stakeholders. This product allows easy information presentation of the main annual results of the Company, as well as the access to additional data, which was not included in the print version in a analysis-friendly format.



2014 INTEGRATED ANNUAL REPORT JSC ATOMENERGOMASH CAPACITY BUILDING

THE COMPANY IN BRIEF	2
2014 PERFORMANCE HIGHLIGHTS	3
KEY EVENTS IN 2014	4
MESSAGE FROM COMPANY MANAGEMENT	6
BUSINESS MODEL	12
BUSINESS GEOGRAPHY	16
KEY PROJECTS	18
STRATEGIC VISION AND OBJECTIVES	19
ECONOMIC PERFORMANCE	20
COMMERCIAL ACTIVITIES	22
INNOVATION ACTIVITIES	23
RESULTS OF PRODUCTION ACTIVITIES	24
OPTIMIZATION OF PRODUCTION PROCESSES	25
ENVIRONMENTAL IMPACT	26
PERSONNEL COMPOSITION	28
OCCUPATIONAL SAFETY	30
SOCIAL RESPONSIBILITY	31
CONTACT INFORMATION	32

THE COMPANY IN BRIEF

JSC Atomenergomash (the «Company»), the Power Engineering Division of Rosatom State Corporation (the «Division»), is one of the leading power engineering companies in the Russian Federation and a provider of efficient integrated solutions for nuclear, thermal energy, gas and petrochemical industries, shipbuilding, and the market for special steels.

The Division was formed to bring together the largest power engineering companies that possess unique technology and manufacturing expertise as well as a wealth of professional experience in order to address the need to reduce dependence on monopoly suppliers.

The Division is comprised of 30 businesses, including research, engineering, manufacturing, construction and installation companies located in the Russian Federation, Ukraine, the Czech Republic and Hungary.

Equipment manufactured by the Division has been installed in more than 20 countries; 13% of the nuclear power plants in operation worldwide and 40% of the thermal power plants in the Russian Federation and FSU countries use the Company's equipment.

2014 PERFORMANCE HIGHLIGHTS

Economic performance



Combined revenue 48.6 billion rubles
EBITDA 4.1 billion rubles

Operating performance



Products shipped to 13 nuclear power plants
Fulfillment of contractual obligations 97.1%

Commercial activities



Market share in the Russian power engineering industry 22%
Share of revenue from new businesses 30%
Share of foreign orders in the total order book 24,3%
Total value of concluded contracts 133.7 billion rubles
Order book at the year-end 227.5 billion rubles

Efficiency improvement



Income from sales of non-core assets 2.4 billion rubles
Effect of the RPS introduction 354 million rubles
Energy savings 1 million GJ
Transferred to outsourcing more than 1,300 people
Labor productivity growth 12%

Staff capacity



Share of specialists under 35 years old 32%
Engagement level 75%

Scientific activities



75 patents and intellectual property certificates
269 scientific publications

Social responsibility



Paid to the budget 3.8 billion rubles
Charity expenses 21.7 million rubles

Environmental responsibility



Environmental impact mitigation costs 190 million rubles
Reduction of CO₂ emissions 10%

KEY EVENTS IN 2014



Commercial activities

- JSC Atomenergomash concluded the first contract for complete delivery of reactor island equipment - nuclear steam supply systems (NSSS) for 4 units at Akkuyu NPP.
- Following successful contract performance for the naval reactor for the new-generation icebreaker Arktika, two more contracts were concluded to supply two sets of RITM-200 reactor units to the Baltic Works for the other new series icebreakers.
- OJSC SverdNIIKhim mash signed a contract to design, manufacture and supply equipment for production lines within the fuel fabrication module and refabrication facility under the Proryv Project undertaken to develop technology for closing the nuclear fuel cycle loop.



Scientific activities

- The largest research center in the Russian power engineering industry is being created within the Division with a view to formatting a unified technical policy in the industry and developing competitive import-substituting power equipment through R&D.
- JSC TsKBM has developed a new design of the main circulation pump featuring a single-shaft arrangement with a water-cooled motor and water-cooled bearing units, which will increase the safety of nuclear power plants by replacing oil-based lubricants with water-based lubricants.
- Two teams of contributors from JSC NPO TsNIITMASH received science and technology awards from the Russian Government for their developments in 2013.



Staff capacity

- The A team of from the Volgodonsk branch of OJSC AEM Technologies won in the TeMP-2014 tournament for young professionals TeMP-2014 organized by Rosatom State Corporation and Rosatom Corporate Academy as part of work done to attract young professionals to work at the industry's enterprises.
- Two projects implemented by JSC Atomenergomash – the children's energy science and entertainment camp named NRJ-Camp and the knowledge continuity project titled «The Generation Bridge» -- were awarded diplomas of the 1st All-Russian contest of employers' best practices relating to work with children, youth young people and the talent pool named called "Creating the Future", which was organized by the Ministry of Education and Science of the Russian Federation.
- The first Masters' graduation ceremony was held at Department No. 76 "Power Engineering" of the Moscow Physics and Engineering Institute, at which diplomas were received by 10 employees of OJSC ZiO-Podolsk, JSC ZIOMAR EC and OJSC PZM.



Efficiency improvement

- Manufacture of steam generators at the Volgodonsk branch of OJSC AEM Technologies was restored, for which purpose – new production sites were set up and modern equipment was purchased.
- PJSC EMSS successfully passed the first supervisory audit of the energy management system based on ISO 50001:2011, which was conducted by the official representative of the Certification Body for Management Systems and Personnel of TUV-Turingen (Germany) in Ukraine.
- The RPS Industry Project "Creating a model workflow at the SUZ-ShEM-3 drive case production site" enabled JSC OKB GIDROPRESS to increase the quantity of manufactured products by 87% compared to the previous year.

MESSAGE FROM COMPANY MANAGEMENT



Ekaterina Lyakhova

Chairwoman of the Board of Directors
of JSC Atomenergomash

Director of Investment Management and Operational
Efficiency at Rosatom State Corporation

Dear colleagues and partners,

I am pleased to present to you the Integrated Annual Report of JSC Atomenergomash for 2014. The report focuses particularly on production, financial, social and environmental issues related to the activities of the Power Engineering Division of Rosatom State Corporation.

In recent years, AEM has achieved sound operational results, acquired a reputation as a reliable supplier of equipment, and integrated solutions for the nuclear and thermal power, shipbuilding, and gas and petrochemical industries. Among the major achievements of the Division in the year under review was the signing of the first contract for a set supply of reactor and turbine island equipment to Akkuyu NPP and Hanhikivi NPP, which will allow us to deploy the production chain designed within the Division. On the one hand, this is a development of the capacities, but on the other hand - a high level of responsibility. In addition, in 2014, equipment was supplied for power plants under construction, including the new power generating units of Rostov NPP.

The manufacture of reactor island equipment resumed at the Volgodonsk branch of OJSC AEM Technologies after a long period of inactivity. The plant is currently manufacturing a reactor for the Belarusian NPP and has already delivered two core catchers to the plant. The manufacture of other key equipment for nuclear power plants, namely, steam generators, has also been launched. For this purpose, new sites have been set up, modern equipment has been purchased, and personnel has been trained.

I would also like to acknowledge the excellent work done by Atomenergomash and its enterprises in a number of strategic non-nuclear sectors. In particular, we received new contracts for the manufacture of reactor units for the Russian icebreaking fleet. The Division is continuing to significantly expand its competencies in this market, including in the manufacture of non-power plant equipment. In the thermal power sector, two units with equipment manufactured at the Division's enterprises were successfully started at Yuzhnouralsk TPP in 2014. Deliveries of equipment to Verkhnetagil'skaya TPP proceeded ahead of schedule.

In terms of international relations, in 2014 an agreement was reached between an ALSTOM and Atomenergomash joint venture and a French partner concerning significant amendments to the terms of the previously signed agreement. These amendments will significantly increase localization and broaden the scope of deliveries by the Russian partner.

I would like to draw particular attention to the systematic work carried out by the Division's management team to reduce costs and improve efficiency. For example, last year labor productivity in the Company was 2.395 million rubles per person, up 12% from 2013. Total savings from the implementation of the Rosatom Production System in 2014 amounted to more than 354 million rubles.

In recent years,
Atomenergomash has
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petrochemical industries.

The results achieved by the Power Engineering Division and the foundations that have been laid for future success are all due to the team of top professionals of Atomenergomash. On behalf of Rosatom State Corporation, I would like to thank the Company for the work done in 2014, and its management and employees - for their commitment and professionalism.

I am confident that all our achievements will provide a firm base for JSC Atomenergomash to establish itself as a leader in the global power engineering industry!



Andrey Nikipelov
Chief Executive Officer of JSC Atomenergomash

Dear colleagues and partners,

I present to you the 2014 Annual Report of the Power Engineering Division of Rosatom State Corporation - JSC Atomenergomash.

Last year was a real breakthrough for our Company. As the famous saying goes: there's "a time to cast away stones, and a time to gather stones together". For a few years, we have been consistently building an entire chain chain for production of NPP equipment within the Division, acquiring new competencies and implementing new technologies. Last year, we saw the first key results of that work. For the first time in its history, JSC Atomenergomash became a single-source supplier of the entire reactor for a nuclear power plant and turbine equipment. Akkuyu NPP in Turkey and Hanhikivi NPP in Finland will be the first such endeavourendeavor for us. Development of project design documentation, manufacture of work pieces and the bulk of key equipment will be carried out by our enterprises. This is an important milestone in the history of our Company and a significant responsibility increase in terms of the responsibility towardsto our customers and partners for the timely fulfillment of contract contractual obligations' enforcement . enforcement.

Despite negative macroeconomic phenomenaconditions, the Division has experienced growth in both contracting and revenue. In 2014, the order book of JSC Atomenergomash grew by 71 billion rubles to 227.7 billion rubles. The consolidated revenue increased by 2.5 billion rubles to 49 billion rubles.

For a few years, we have been consistently building an entire chain chain for production of NPP equipment within the Division, acquiring new competencies and implementing new technologies. Last year, we saw the first key results of that work. For the first time in its history, JSC Atomenergomash became a single-source supplier of the entire reactor for a nuclear power plant and turbine equipment.

In 2014, JSC Atomenergomash amended updated its development strategy. One of the key issues outlined in the paper report is to achieve a significant increase in the revenue share from related non-nuclear industries, which should be at least 50% of total revenue, with at least 30% to be generatedearned by foreign operations. In this connectionregard, certain changes have occurred in the organizational structure of the parent company: nuclear power engineering, gas and petrochemical engineering, shipbuilding, and general engineering were segregated into into separate directorates. The new structure allows to secureprovides a systematic approach to our Companyin the development of our Company both in the above previously mentioned andareas mentioned above and also in other business areassectors.

Last year brought many operational achievements, of which here, I will highlight the key onessuccesses. Enterprises of JSC Atomenergomash supplied equipment for nuclear

power plants under construction, including the new unit No.3 of Rostov NPP. Ownership of was granted for productive assets at the Volgodonsk site of OJSC AEM Technologies was obtained. Through implementation of the technical revamping and personnel training program, the Company regained its original functions as a manufacturer of key equipment for the nuclear power industry and today is engaged in the production of reactor equipment for nuclear power plants under construction. The Petrozavodsk branch of OJSC AEM Technologies received a certificate for serial production of transport packaging for spent nuclear fuel. It also successfully completed a project to set up a pipeline valve section for nuclear power plants and started to produce finished products.

Development of nuclear power engineering industry is based on the work of engineers and designers is fundamental forkey to the development of nuclear power engineering. I would like to note a the great contribution

made by JSC OKB GDROPRESS GIDROPRESS to the projects of Rosatom State Corporation in Russia, Turkey, Finland, China, and India. Specialists from JSC SverdNIIKhim mash and JSC TsKBM have completed a very complex performed a highly complex task of manufacturing a set of equipment for the production line of fuel pellets to be used in BN-800-type fast-neutron reactors. Major R&D projects and projects in other areas were implemented by our other research and design institutes: JSC NPO TsNIITMASH, OJSC GSPI, OJSC VNIIAM, JSC SNIIP, and JSC IFTP.

The manufacture of a reactor unit plant for the new-generation lead icebreaker Arktika proceeded in strict compliance with our contractual obligations. The designer and single-source supplier of the plant is JSC Afrikantov OKBM with a significant part of production work being done by OJSC ZiO-Podolsk. The availability of an entire production chain in the Division allowed us to conclude a new contract for complete delivery of reactor plants units in 2014, this time for the serial icebreakers. Overall, owing to the work done by JSC Afrikantov OKBM, JSC SNIIP and other institutions and enterprises of the Division, the order book for shipbuilding increased by almost 19 billion rubles for the year to approximately 59 billion rubles.

In the thermal power sector, Yuzhnouralsk GRESTPP-2 was commissioned, which received recovery boilers manufactured by OJSC ZiO-Podolsk ahead of schedule. In the near future, we plan to expand the geography of delivery of our equipment for thermal power plants, actively expand to foreign markets, and especially the CIS market, which is historically traditional for our enterprises.

In 2014, the Division's enterprises fully completed the annual state defense procurement order. The volume of equipment supplied under the SDPO increased compared with 2013. New licenses were received obtained; and delivery of new types of products began to be delivered.

Despite the challenging situation, our subsidiary PJSC Energomashspetsstal fully met complied with all contractual obligations. New orders from major top Russian and international companies such as OJSC Magnitogorsk Iron and Steel Works, ArcelorMittal and General Electric were received. Based on the previously implemented previous investment program, Czech ARAKO developed new products for nuclear and other industries. Pumping equipment deliveries were carried out by Hungarian Ganz EEM Ltd in accordance with the schedules.

Enhancing production efficiency, including through further implementation of the Rosatom Production System, fulfilling all contractual obligations in a timely manner, increasing the revenue across all business lines, and participating actively in the import substitution programs will remain our strategic priorities in 2015.

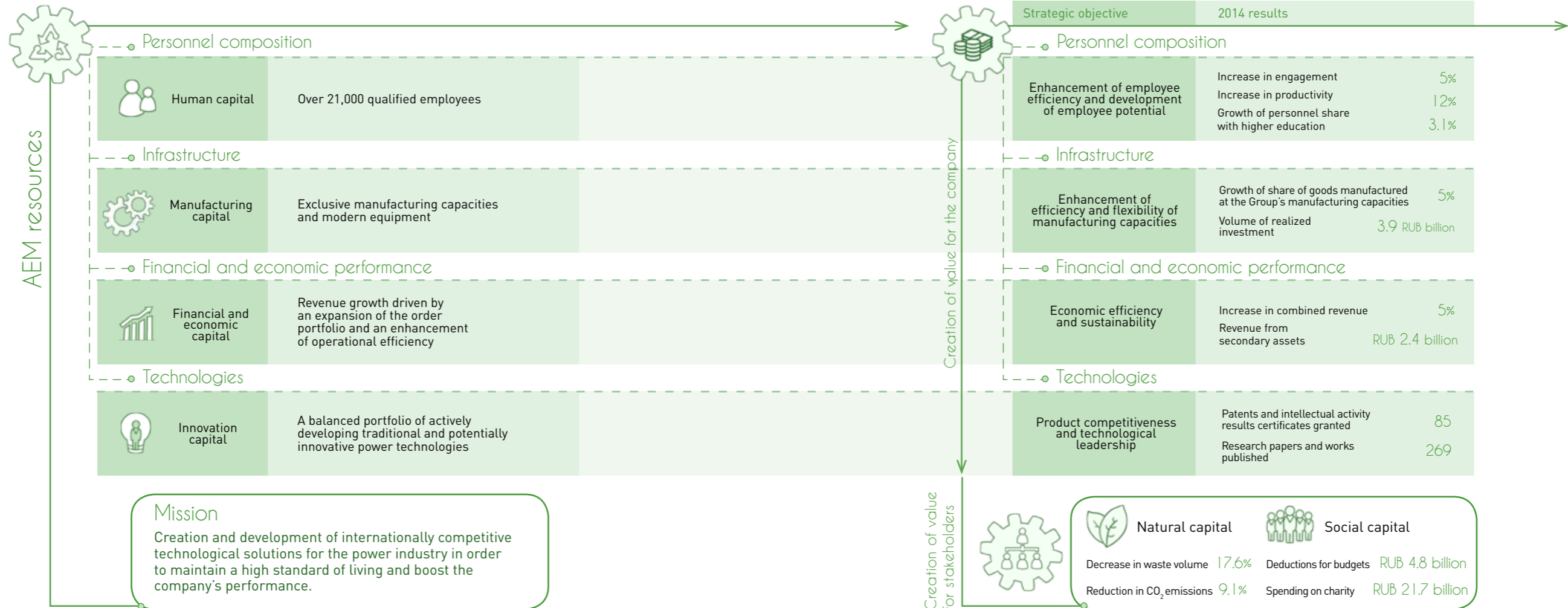
In conclusion, I would like to thank our customers and partners for their trust and constructive cooperation, and to thank the entire team for professionalism and involvement in the achievement achieving of the Company's objectives. I am confident that by following the values of Rosatom State Corporation and the principles of responsibility and mutual trust, convinced that we will be able to ensure the long-term successful and sustainable development of JSC Atomenergomash guided by the values of Rosatom State Corporation, principles of responsibility and mutual trust in the long term.

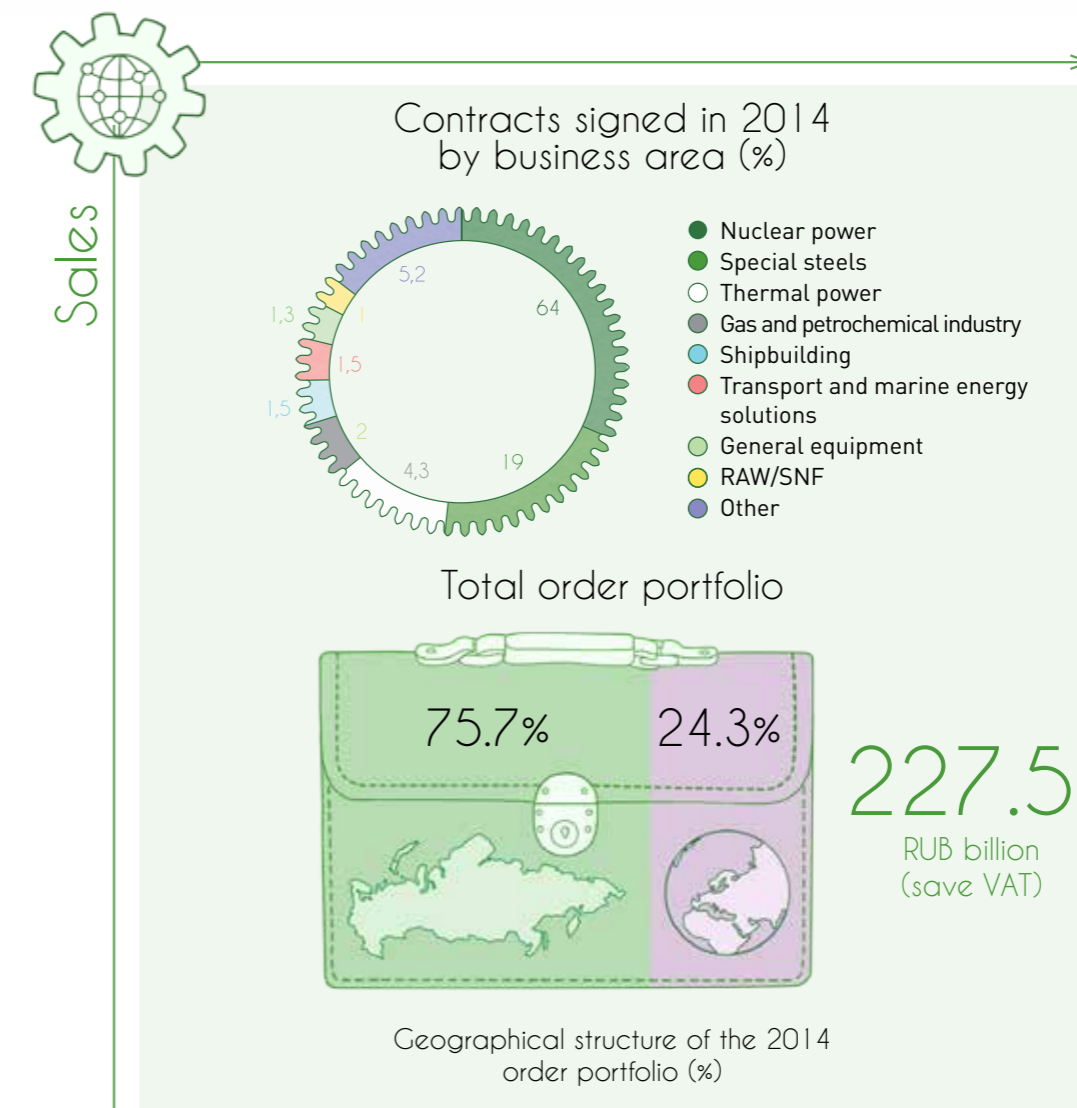
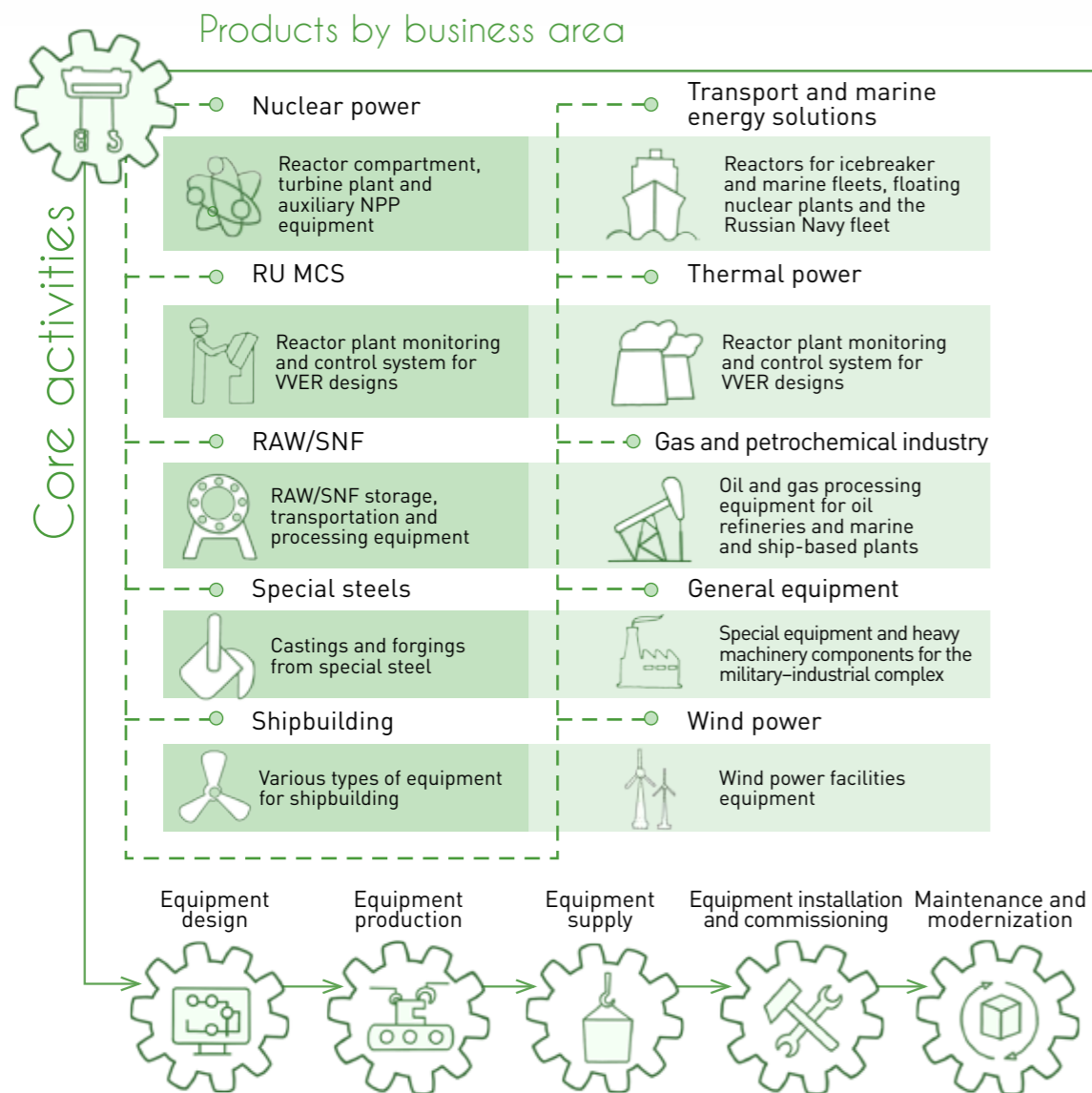
KPIs set for the Chief Executive Officer of JSC Atomenergomash in 2014

Indicator	Target value			Actual value
	Minimum	Target	Maximum	
AEM's adjusted free cash flow, bln rubles	57,089	58,806	70,567	58,904
Labor productivity, bln rubles/person	2,5	2,6	2,86	2,395
Index of implementation of the REA Concern Investment Program as it pertains to AEM, %	95	100	105	100
Integral indicator for new products, %	95	100	105	107
Integral indicator of investment performance, %	80	100	120	120
EBITDA margin, %	4,38	4,86	5,83	8,48
Semi-fixed costs, mln rubles	15 266	13 878	11 102	13 688
Reduction of process times	0,7	1,0	1,2	1,03
LTIFR, %		0,84		0,51
Fulfillment of the State Defense Procurement Order (SDPO), %		100		100
Engagement level, %		70	74	75

1 Information regarding these indicators (except the SDPO) is available in the relevant sections. The KPIs for 2015 were not yet approved at the time the text of the Report was prepared.

Business Model





Business georgraphy

**Moscow
Russia**
JSC Atomenergomash
JSC NPO TsNIITMASH
OJSC GSPI
OJSC VNIAM
CJSC ATM
JSC SNIIP
OJSC OKTB IS
OJSC OZTMiTS
LLC NGSS
LLC EMKO

**St -Petersburg
Russia**
JSC TsKBM
OJSC AEM Technologies
LLC AAEM

**Dubna
Russia**
JSC IFTP

**Opava
the Czech Republic**
ARAKO spol. s.r.o.

**Budapest
Hungary**
Ganz EEM LLC

**Kramatorsk
Ukraine**
PJSC EMSS

**Petrozavodsk
Russia**
OJSC PZM - the Petrozavodsk branch
of OJSC AEM Technologies
LLC PZM LZ








































**Nizhny Novgorod
Russia**
JSC Afrikantov OKBM

**Nizhnyaya Tura
Russia**
OJSC Venta

**Podolsk
Russia**
JSC OKB GIDROPRESS
OJSC ZiO-Podolsk
JSC ZIOMAR EC

**Volgodonsk
Russia**
Volgodonsk branch
of OJSC AEM Technologies

**Yekaterinburg
Russia**
OJSC SverdNIIKhim mash

HOLDING'S ENTERPRISES	AEM Technologies Petrozavodskmash	AEM Technologies	ZiO Podolsk	ZIOMAR	TsKBM	GIDROPRESS	AFRIKANTOV OKBM	ARAKO	NGSS	SVERDNIKHIMMASH	GSPI	SNIIP	AAEM	EMSS	VetroOGK
NUCLEAR POWER															
VVER RUMCS *															
RAW/SNF**															
TMES***															
SHIPBUILDING															
SPECIAL STEELS															
THERMAL POWER															
GAS AND PETROCHEMICAL INDUSTRY															
GENERAL EQUIPMENT															
WIND POWER															

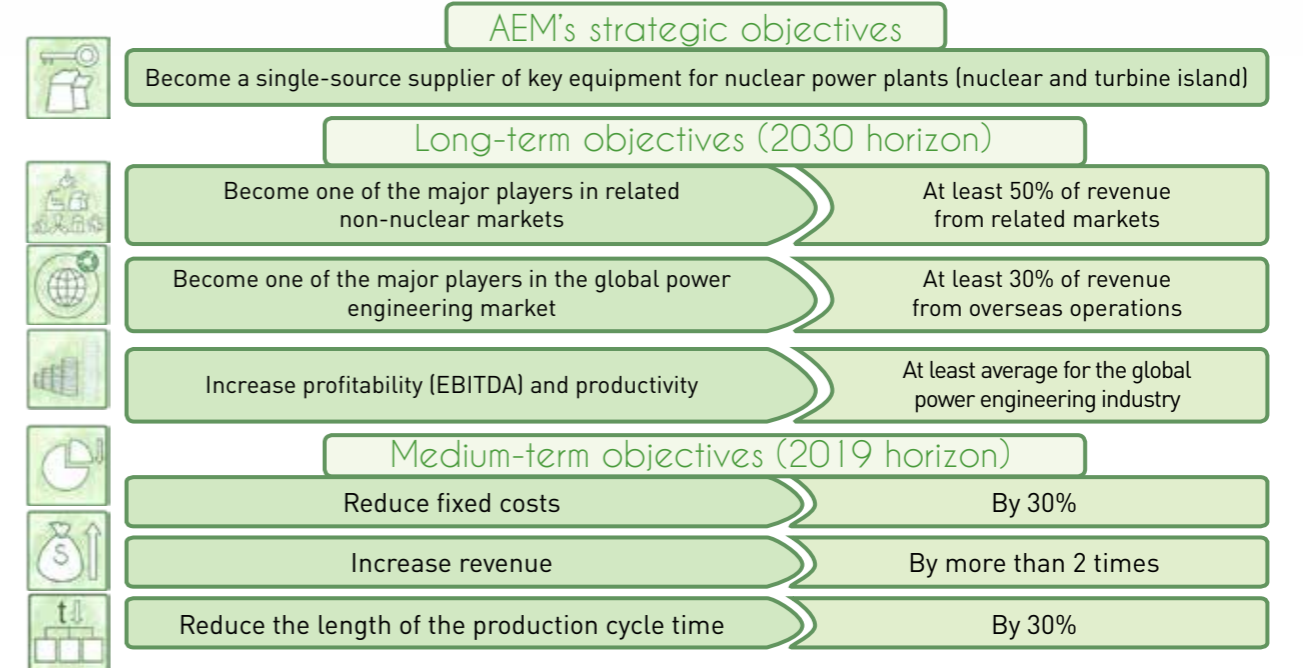
* RUMCS — Reactor unit monitoring and control system
** RAW/SNF — Radioactive waste / spent nuclear fuel
*** TMES — Transport and marine energy solutions

Key projects

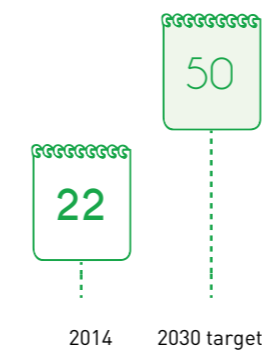
BUSINESS AREA	CITY, COUNTRY	PROJECT	BUSINESS AREA	CITY, COUNTRY	PROJECT
NUCLEAR POWER	Kurchatov, Russia	Kursk NPP	GAS AND PETROCHEMICAL INDUSTRY	Nizhnekamsk, Russia	Nizhnekamsk Refinery
	Balakovo, Russia	Balakovo NPP		Kogalym, Russia	Kogalymneftegaz Refinery
	Volgodonsk, Russia	Rostov NPP		Ryazan, Russia	Ryazan Refinery Company
	Sosnovy Bor, Russia	Leningrad NPP-2 Leningrad NPP-1		Sindor, Russia	Novosindorskaya Compressor Station
	Novovoronezh, Russia	Novovoronezh NPP Novovoronezh NPP-2		Pisarevka, Russia	Pisarevka Compressor Station
	Zarechny, Russia	Beloyarsk NPP		Novy Urengoy, Russia	Novy Urengoy Gas Chemical Complex
	Polyarniye Zori, Russia	Kola NPP		Novokuibyshevsk, Russia	Novokuibyshevsk Refinery
	Udomlya, Russia	Kalinin NPP		Uvat, Russia	Urnskoe field Ust-Tegusskoye field
	Desnogorsk, Russia	Smolensk NPP-2 Smolensk NPP		Surgut, Russia	Druzhnoye field
	Bilibino, Russia	Bilibino NPP	THERMAL POWER	Zheleznogorsk, Russia	Zheleznogorsk CHPP
	Ostrovets, Belarus	Belarus (Ostrovets) NPP		Sharypovo, Russia	Berezhovskaya GRESTPP
	Kudankulam, India	Kudankulam NPP		Reftinskiy, Russia	Reftinskaya GRESTPP
	Tianwan, China	Tianwan NPP		Saint-Petersburg, Russia	Tsentralnaya CHPP
	Pyhäjoki, Finland	Hanhikivi NPP		Yakutsk, Russia	Yakutskaya GRESTPP-2
	Dukovany, Czech Republic	Dukovany NPP		Nizhnyaya Tura, Russia	Nizhneturinskaya GRESTPP
	Temelin, Czech Republic	Temelin NPP		Verkhniy Tagil, Russia	Verkhnetagilskaya GRESTPP
	Mersin, Turkey	Akkuyu NPP		Izluchinsk, Russia	Nizhnevartovsk GRESTPP
	Paks, Hungary	Paks NPP		Yuzhnouralsk, Russia	Yuzhnouralsk GRESTPP-2
	Kozloduy, Bulgaria	Kozloduy NPP		Svetlogorsk, Belarus	Svetlogorskaya CHPP
	Bushehr, Iran	Bushehr NPP			

■ Russia ■ CIS ■ Non-CIS

Strategic Vision and Objectives



Market share in the Russian power engineering industry, %



Share of revenue from non-nuclear sectors (new businesses)



Share of revenue from foreign operations, %²

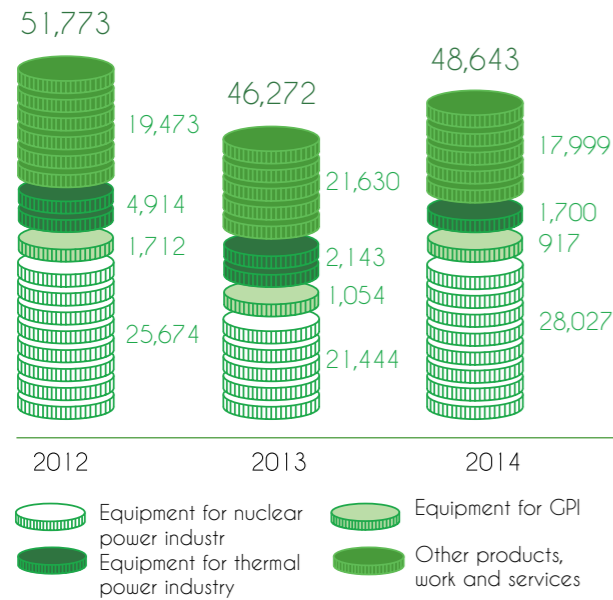


² Information on 2014 and 2015 is provided without regard to projects carried out for Akkuyu NPP (Akkuyu Nuclear JSC) and Hanhikivi NPP (Rusatom Overseas JSC) [according to the methodology of Rosatom State Corporation for calculating foreign revenue of the Power Engineering Division].

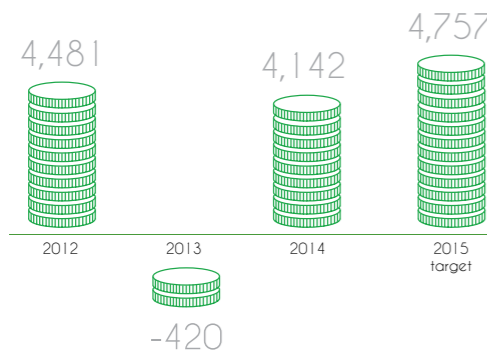
Economic Performance



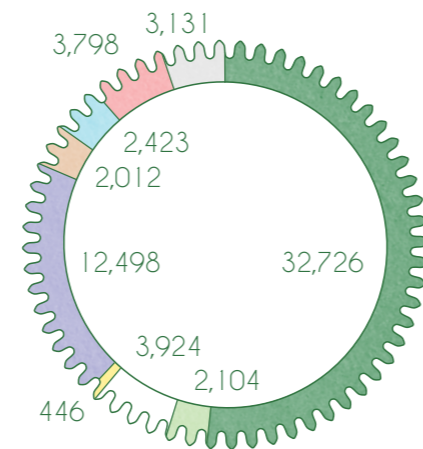
Combined revenue by operating sector, mln rubles³



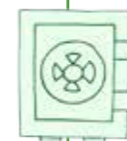
EBITDA, mln rubles



Combined revenue forecast for 2015, mln rubles

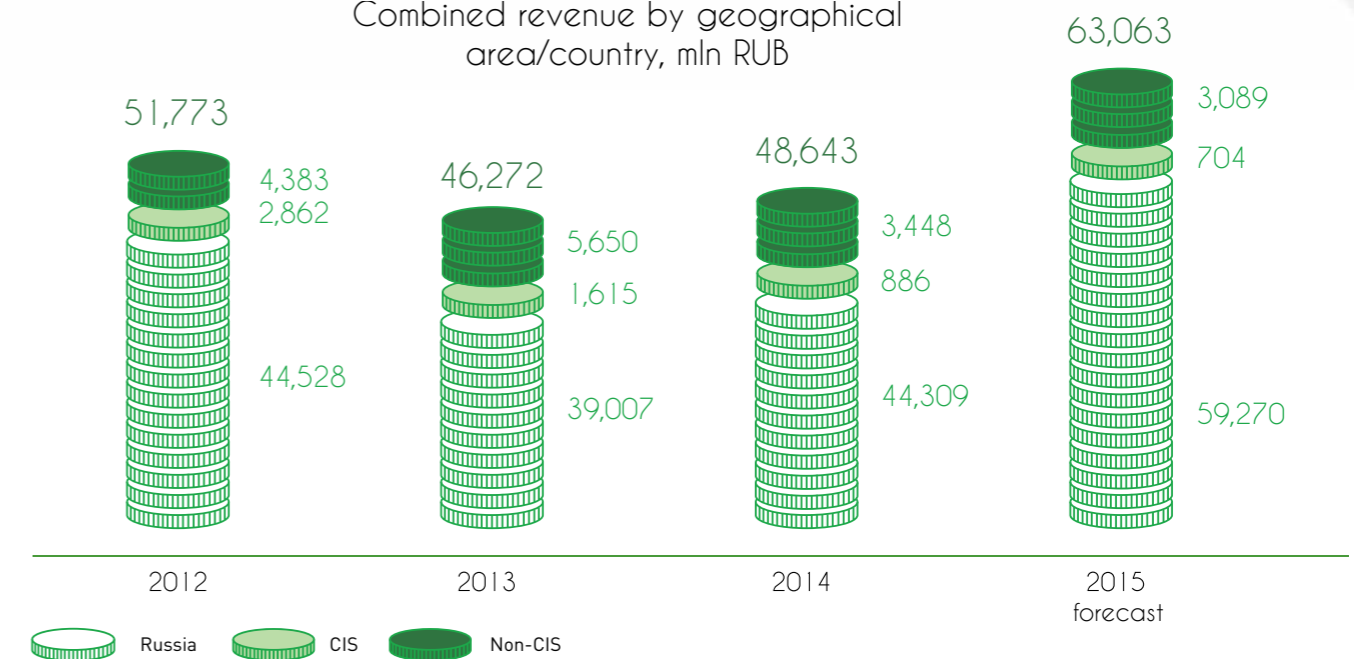


- Nuclear power
- Thermal power
- Gas and petrochemical industry
- Shipbuilding
- Transport and marine energy solutions
- General equipment
- RAW/SNF
- Special steels
- Other

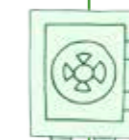
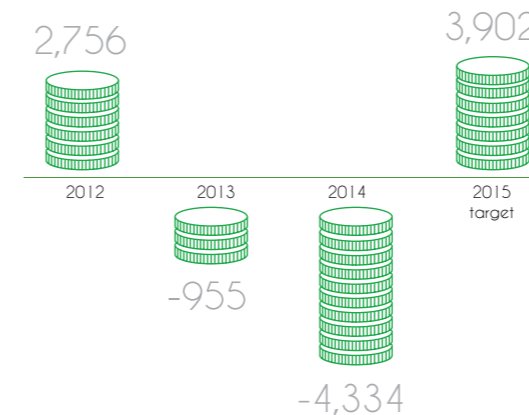


EBITDA margin in 2014 **8.48%**

Combined revenue by geographical area/country, mln RUB



Net Operating Profit After Tax (NOPAT), mln rubles



Income from the sale of non-core assets in 2014

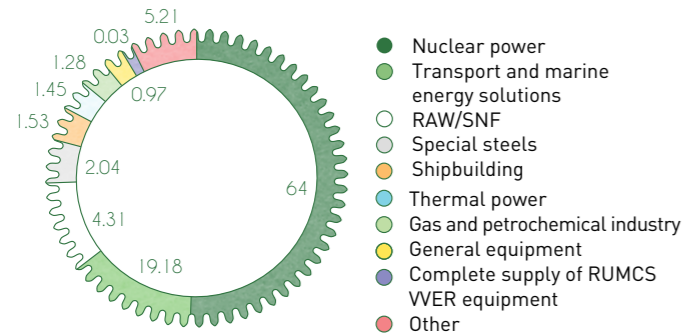
2.4 billion rubles

³ Taking into account a retrospective adjustment for consolidation.

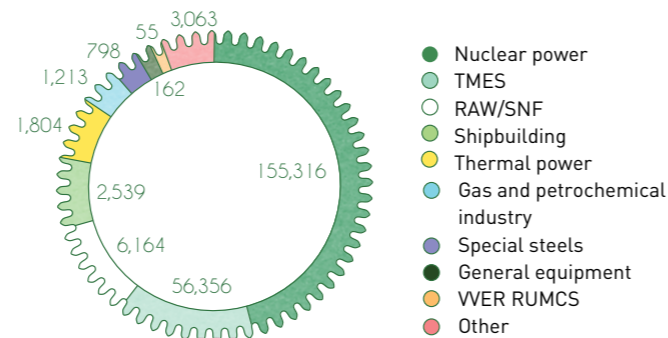


Commercial Activities

Structure of contracts concluded in the reporting year by operating segment, %

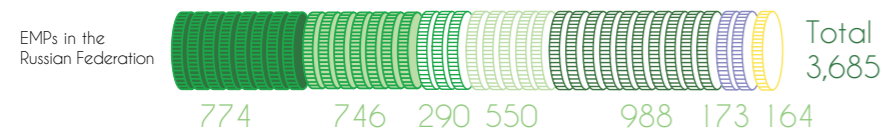


Sectoral structure of the order book at the year-end, mln RUB



Investment Activities

Volume of investments by EMP and country, mln RUB



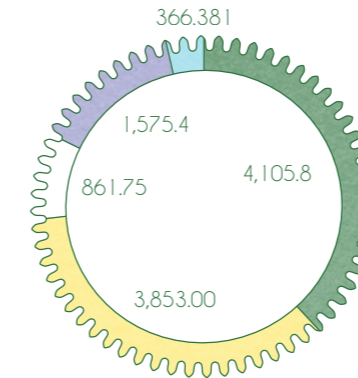
3.9
billion rubles

Volume
of investments
in 2014

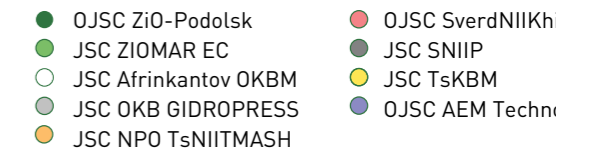
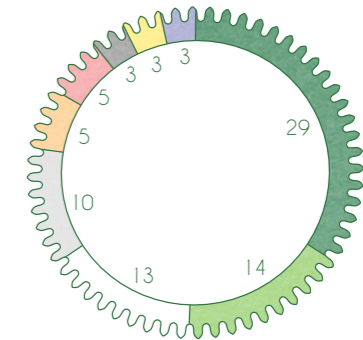


Innovation Activities

R&D expenditures, mln RUB

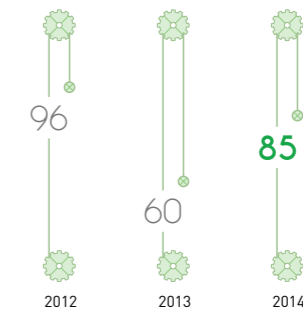


Number of patents and intellectual property certificates



Published scientific papers and articles

COMPANY	2012	2013	2014
OJSC ZiO-Podolsk	8	8	10
JSC Afrinkantov OKBM	86	146	155
JSC OKB GIDROPRESS	17	9	7
OJSC SverdNIIKhim mash	30	30	20
JSC SNIIP	21	10	14
JSC NPO TsNIITMASH	66	59	56
OJSC VNIAM	2	3	2
JSC IFTP	4	4	5
TOTAL:	234	269	269



Results of Production Activities

The key results of production activities in 2014 by business area were as follows:



Nuclear Power

- supply of products for the following NPPs: Beloyarsk NPP, Rostov NPP (power units 3, 4), Kalinin NPP, Balakovo NPP, Novovoronezh NPP, Novovoronezh NPP-2, Kursk NPP, Kozloduy NPP, Leningrad NPP, Leningrad NPP-2, Tianwan NPP-2, Belarusian NPP, Kudankulam NPP, and Paks NPP;
- supply of products for the following facilities: FSUE EKhp Kombinat, FSUE Eleron SNPO, FSUE VNIIA, FSUE UEMZ, FSUE Mayak PO, OJSC Izotop, FSUE Tekhnomash, FSUE NITI, FSUE VNIKHHT, OJSC Dedal NPK, OJSC Severstal, OJSC Norilsk Nickel GMK, FSUE RosRAO, and FSUE GKKhK.



Thermal Power

- commissioning of facilities that use products developed by JSC ZIOMAR EC and supplied by OJSC ZiO-Podolsk:
 - two CCGT-420 units for Yuzhnouralsk TPP-2;
 - CHPP-9 of JSC Mosenergo;
 - CCGT-400 of Nizhnevartovsk TPP.
- supply of products for Verkhnetagilskaya GRESTPP, Irikhinskaya GRESTPP, Yaroslavl CHPP, etc.



Gas and Petrochemical Industry

- supply of equipment manufactured by OJSC ZiO-Podolsk and the Volgodonsk branch of OJSC AEM Technologies to major Russian oil and gas companies:
 - OJSC Gazprom (for the Usinsk compressor station);
 - OJSC Lukoil (for the construction of the offshore oil production platform LSP-2 at the Filanovsky oil and gas condensate field in the Caspian Sea; for the reconstruction of the Kogalymneftegaz Refinery);
 - OJSC Rosneft Oil Company (for OJSC Verkhnechonskneftegaz);
 - OJSC Tatneft (for the large refinery complex under construction in Nizhnekamsk, the Republic of Tatarstan);
- certification of mainline pumps manufactured by Ganz EEM Ltd (Hungary) for OJSC Transneft;
- supply of equipment manufactured by JSC Afrikantov OKBM for the ethylene plant of PJSC Nizhnekamskneftekhim.



Special Steels

- shipment of castings& and forgings for the Belarusian NPP;
- completion of the production of castings& and forgings for the reactor shell core under the VVER-TOI project;
- shipment of castings& and forgings for the RITM-200 reactor shell for the nuclear icebreaker LK-60;
- shipment of products for ArcelorMittal plants in Belgium and Poland, to Alstom, ThyssenKruppMaterials France (France), VoestAlpine (Austria), EuskalForgingSA (Spain), and BHILAISTEELPLANT (India).

Optimization of Production Processes



Effect from RPS implementation in 2014

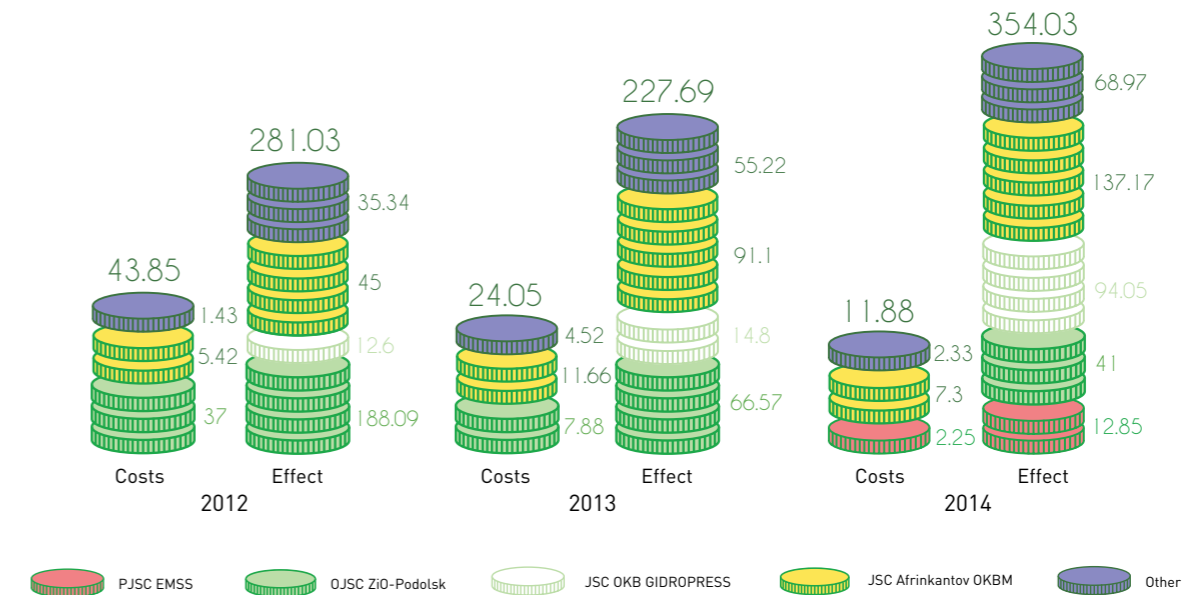
354
mln rubles



In 2014, the number of RPS projects increased

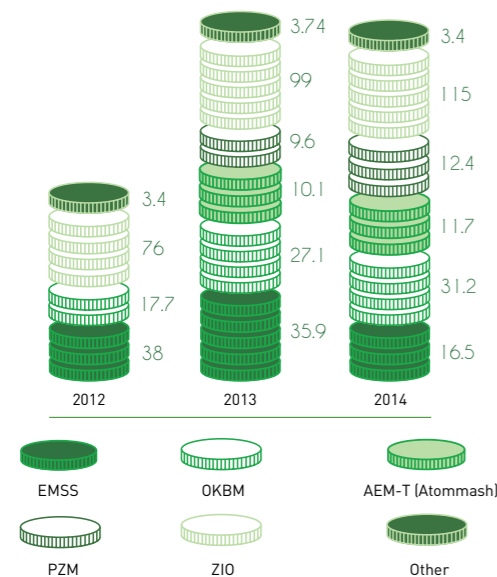
by 2.2 times

RPS costs and economic effect from RPS projects, mln RUB



Environmental Impact

Costs of preventing environmental impacts and the environmental management system, mln RUB

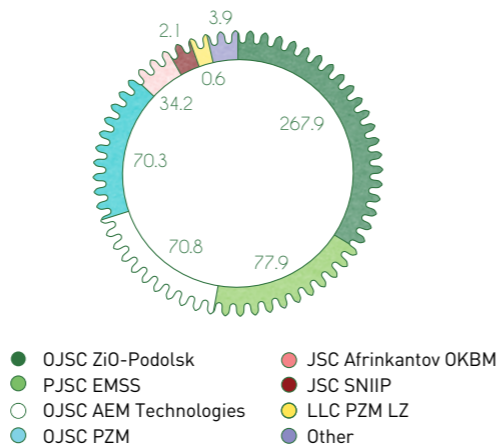


Reduction in the weight of wastes compared to 2013

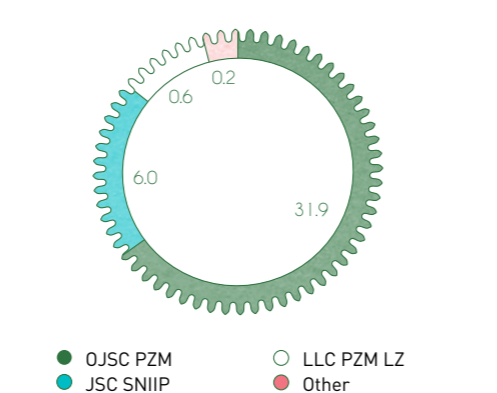
17.6%



Direct emissions of greenhouse gases, tons carbon dioxide (CO₂)



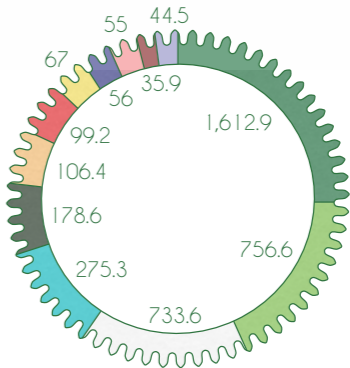
Direct emissions of greenhouse gases, tons nitrous oxide (N₂O)



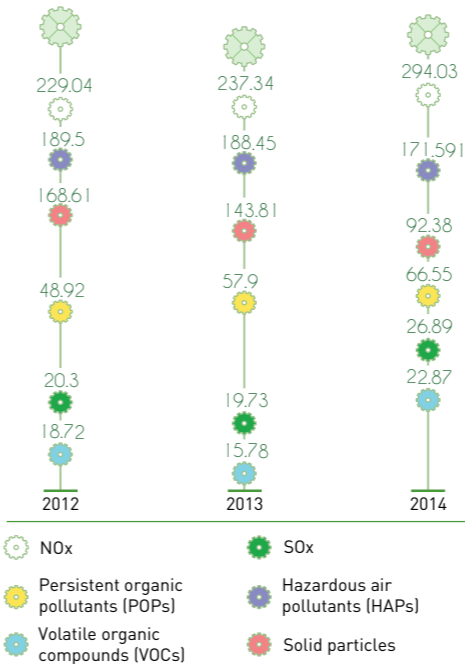
Emissions of ozone-depleting substances, tons

COMPANY	SUBSTANCE TYPE	2012	2013	2014
OJSC Sverd-NIIKhimash	carbon tetrachloride	0.04	0.04	0.04
JSC Afrinkantov OKBM	carbon tetrachloride	0.07	0.07	0.02
	trifluorotrichloroethane	0.5	0.5	
OJSC ZiO-Podolsk	trichloromethane	0.006	0.006	
	carbon tetrachloride	0.003	0.003	
	trifluorochloromethane	0.1	0.1	

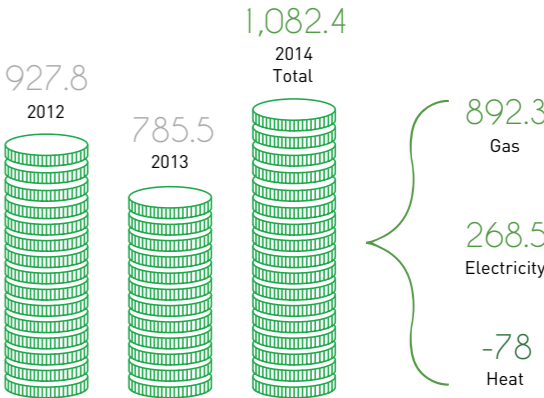
Energy Consumption (thousand GJ)



Atmospheric emissions of NO_x, SO_x and other significant pollutants, tons



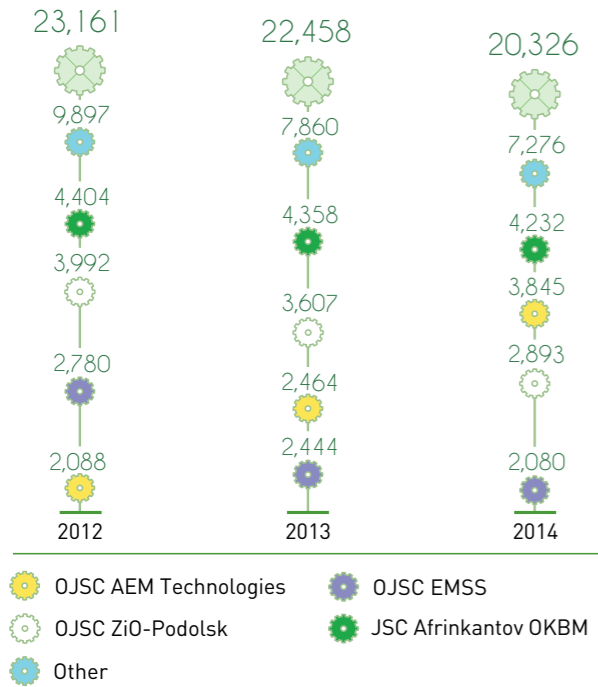
Energy savings, thousand GJ⁴



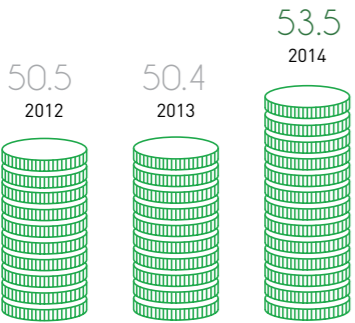
⁴ Calculated in relation to the base year (2009).

Personnel Composition

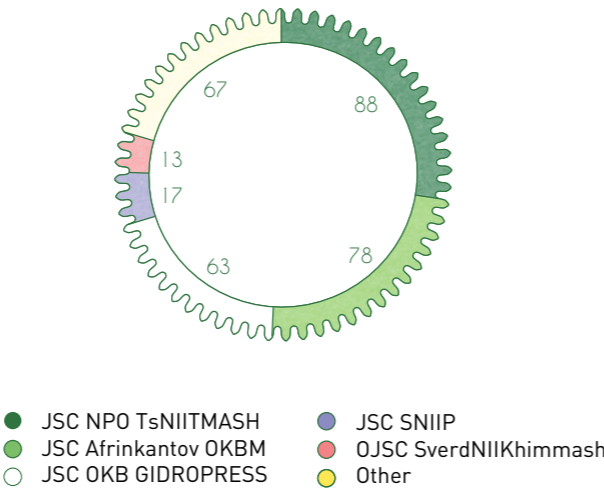
Number of employees, persons



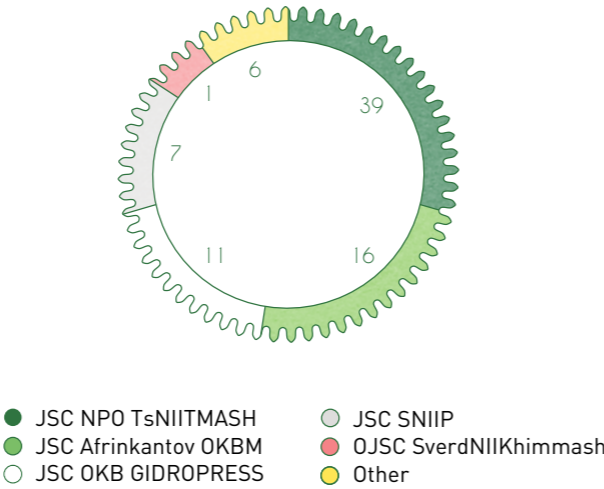
Share of employees with higher education, %



Candidates of Science



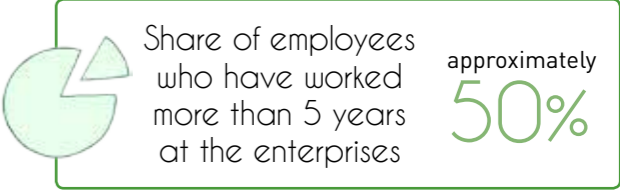
Doctors of Science



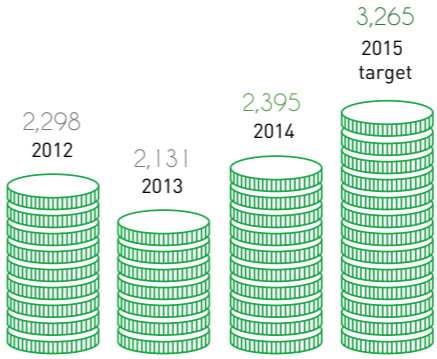
RAS Academicians



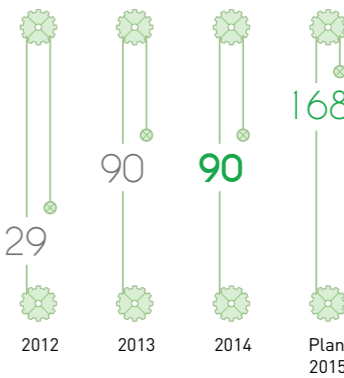
RAS professors



Labor productivity within the Division, thousand rubles/person per year⁵



Number of employees in the skill pool



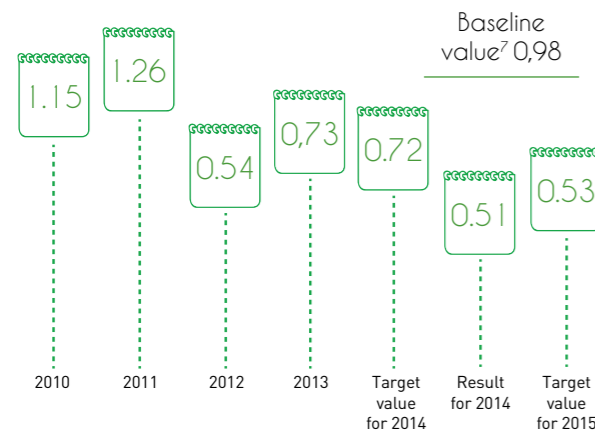
⁵ This indicator is consolidated for the budget perimeter.

Occupational Safety

Enterprises holding
OHSAS 18001 certificates⁶

EMPs	Availability of OHSAS 18001 certificate
JSC ZIOMAR EC	Certification is planned for 2015
OJSC ZiO-Podolsk	Certification is planned for 2015
JSC SNIIP	YES
LLC NGSS	YES
OJSC Venta	Certification is planned for 2015
OJSC AEM Technologies	Certification is planned for 2015
OJSC VNIAM	YES
PJSC EMSS	Certification is planned for 2015

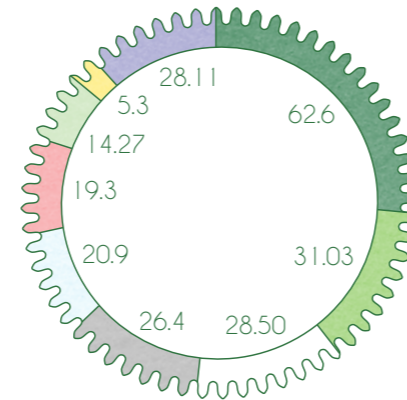
LTIFR for the Division as a whole



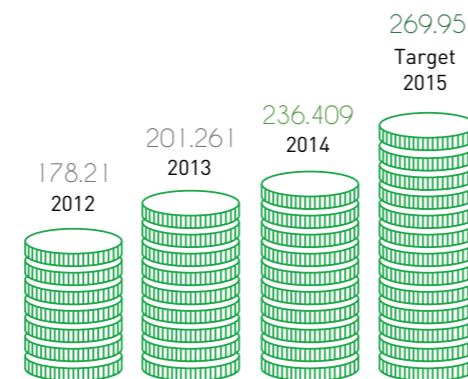
⁶ OHSAS 18000 is a series of standards containing requirements and guidelines for the development and implementation of implementation of occupational safety and health management systems, which enables organizations to manage the risks integrated in their management system and improve its functioning.

⁷ The baseline value: the average value for 3 years.

Occupational safety and health
expenditures, mln rubles



- JSC Afrinkantov OKBM
- PJSC EMSS
- OJSC ZiO-Podolsk
- OJSC AEM Technologies
- JSC OKB GIDROPRES
- JSC TsKBM
- OJSC GSPI
- OJSC Venta
- Other



Social Responsibility

Payments to the budgets
of different levels, '000 RUB

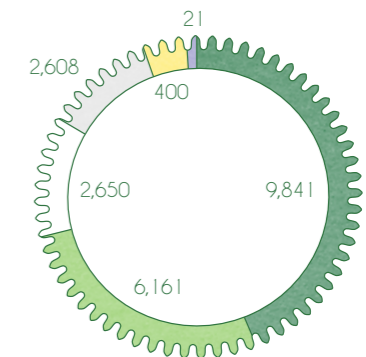
BUDGET TYPE	2014	
	ASSESSED ('000 RUB)	PAID ('000 RUB)
TOTAL	4,823,044	3,758,340
including:		
Federal budget — total	4,369,673	3,365,050
VAT	2,684,925	1,642,261
Profit tax	30,742	18,806
Personal income tax	1,647,296	1,696,651
other	6,710	7,332
Budgets of the constituent entities of the Russian Federation — total	338,394	287,735
Profit tax	208,894	167,605
Property tax	118,839	116,801
Transport tax	3,069	3,046
other	7,744	282
Local budgets — total	114,978	105,556
Land tax	103,235	93,252
other	11,743	12,304



Charity expenses
in 2014

21.7
mln rubles

Charity expenses,
'000 RUB



- PJSC EMSS
- JSC Afrinkantov OKBM
- OJSC ZiO-Podolsk
- JSC Atomenergomash
- JSC OKB GIDROPRES
- Other

Joint-Stock Company Nuclear
and Power Engineering

JSC Atomenergomash

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