



ГОСУДАРСТВЕННАЯ КОРПОРАЦИЯ ПО АТОМНОЙ ЭНЕРГИИ «РОСАТОМ»

The Fuel Company Reach to Target Markets. R&D and Technology Commercialization Centers Establishment

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Mission statement

To form the world-class R&D organizations in cooperation with foreign partners and to become a world leader in high quality, cost-effective, diverse nuclear fuel manufacturing, high-end technologies and non-nuclear advanced technologies



Parties' interests. Win-Win

- R&D cost reduction, particularly in applied research
- Speeding up product launch of new nuclear products and services
- Expertise exchange
- Field services, nuclear operators cost reduction
- Efficient engineering assistance to nuclear operators, procedures rationalization and optimization
- Cooperation between industry and academia, ideas exchange

Proposed initial mode of science and technology partnership: **R&D and Technology Commercialization Centers**



R&D and Technology Commercialization Centers business scope

Business scope	Centers functions
Technological services	
Engineering services: enhance the availability and reliability of operating plants; extend plant life, and reduce operation and maintenance costs; margin management, upgrading, plant simplification, plant equipment upgrades, trip reduction, technical specification optimization programs	Service localization, cooperation with customers and local experts. Knowledge of fuel manufacturing technologies and equipment of both Russian and Western types. Cooperation with Atomenergomash, Atomstroyexport and Rusatom Overseas.
<u>Field services:</u> outage support, advanced products, nuclear power plant component services, and training; off-site repair, refurbishment, qualification, testing, and calibration of plant equipment.	Cooperation between local nuclear operators (customers) and Russian experts
<u>Consulting:</u> participation in NPP with Russian designed fuel safety monitoring (ex.: stress tests). Plant life extension validation.	Cooperation between local experts and leading Rosatom companies.
Installation and Modification Services and logistics.	Service localization, cooperation between local experts and leading Rosatom companies
New product development	
Outsourced R&D	Use of foreign expertise and expertise exchange
Russian new design fuel assembly licensing assistance in foreign markets	Knowledge of Western computer codes for reactor safety analysis, licensing procedures
Breakthrough technologies	
Foreign technology assets and startups acquisition	Use of foreign expertise
Venture development in Russia	Use of innovative activities outcome including partnership with Russian startups



Open innovation and partnership







Thank you!

