

ROSATOM, ITS EXPANSION AND WAR IN UKRAINE

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ROSATOM IN RUSSIA

Over 350 companies

38-39 nuclear reactors in operation

More than 20% of electricity

Icebreakers (4), SMRs, research re

Fuel and enrichment

Nuclear weapon maintenance and development

Supply of non-nuclear weapon related components to
Russian defense companies



CONSTRUCTION OF NEW NUCLEAR REACTORS

- Rosatom in various documents claims it signed contracts for construction of 30+ new reactors in various countries.
- Independent verification shows Russian official numbers can't be trusted. Although Rosatom is a global leader in international nuclear expansion, its "foreign portfolio" is 30% smaller than declared.
- Rosatom controls over 40% of world's uranium enrichment capacity and about 17% of nuclear fuel market. That makes them able to make various countries dependent on Russian supplies. This dependence results among other things in strong political influence from Russia.



EUROPEAN DEPENDENCE, COOPERATION

- Fuel supply to VVER440 and VVER1000 reactors in Hungary, Bulgaria, Finland, Czech and Slovak republics,
- Maintenance of old reactors,
- Uranium supply (Lingen),
- Construction of new nuclear plant – Paks-2 in Hungary with two VVER-1200 units.

ROSATOM TAKES PART IN WAR

- Active role in taking over Ukraine's Zaporizhzhia NPP, violently forcing personnel to sign up new contracts with Rosatom,
- Advising Russian army during Chernobyl zone occupation,
- Supplying Russian weapon manufacturers with "components, technologies and raw materials for missile fuel" (WP),
- In charge of Russian nuclear weapons.



ATTACK ON CHERNOBYL



- On February 14, 2025 Russian military drone attacked the protective shield installed over Chernobyl sarcophagus.
- This attack resulted in 6 metres hole and a fire for a few days.
- Although Ukrainian workers repaired the hole, the shield is still seriously damaged, it's not hermetic anymore.
- On Dec 5, 2025 IAEA declared the shield lost its ability to contain radiation.
- The shield can be repaired but unlikely it will be done during the war with Russia.



THANK YOU

