

# **FRANCE-RUSSIA: RADIOACTIVE TRAFFICKING CONTINUES**

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11th March 2026

**GREENPEACE**

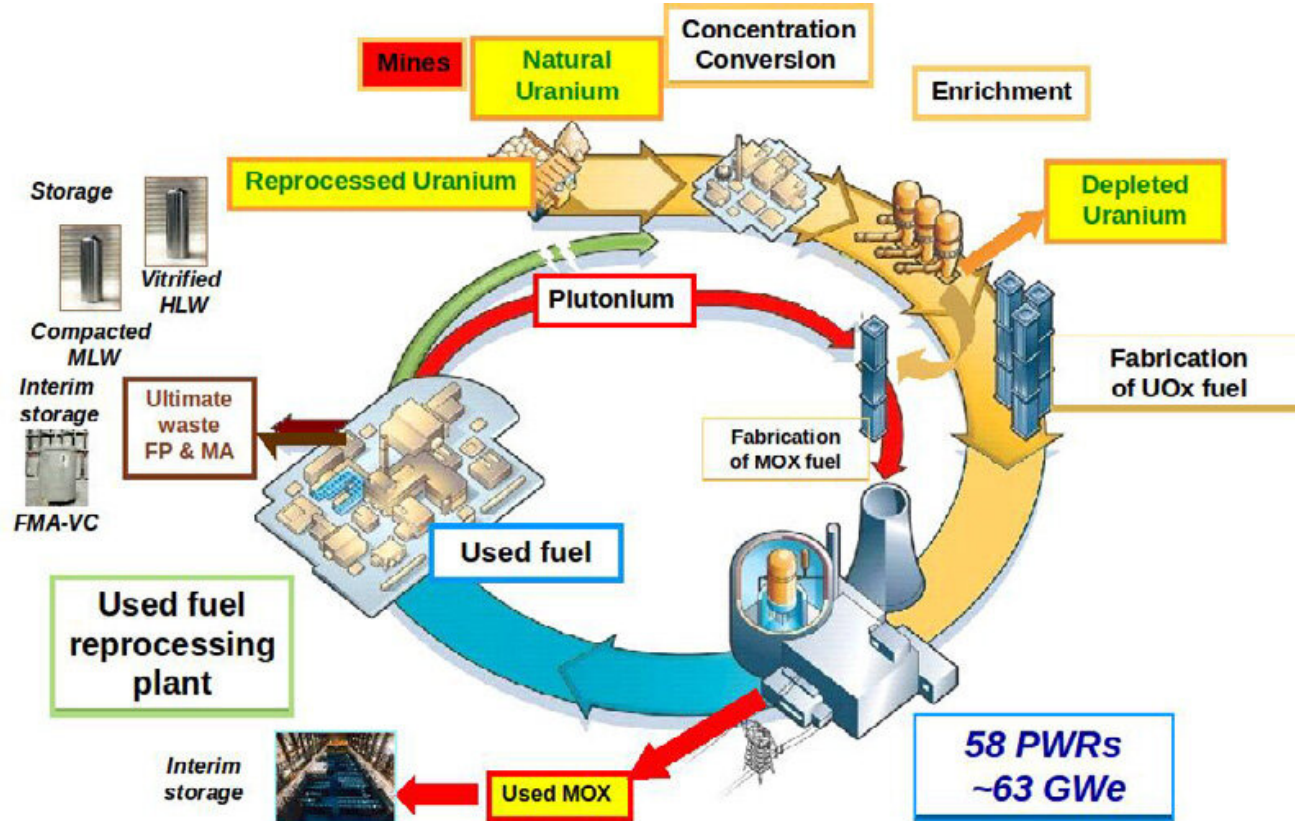
# Nuclear Energy Summit 2026



Nuclear power is **energy insecurity** and makes countries **dependent** on those countries that have uranium mines, enrich uranium and produce nuclear fuel.

Moreover, one of the key countries is **Russia** and its nuclear industry **Rosatom**.

# Nuclear « fuel cycle »





# ROSATOM

- Rosatom Holding, with around 300 companies, was created by Vladimir Putin in 2007. It is an **economic** as well as **political power**. Rosatom is a company under Kremlin control.
- The state company Rosatom produces nearly **20 percent of the world's nuclear fuel** — providing an important revenue stream for Moscow, just like fossil fuels.
- The TVEL Fuel Company of Rosatom incorporates enterprises for the fabrication of nuclear fuel, conversion and **enrichment of uranium (44% of global capacity)**, production of gas centrifuges.

# French companies doing business with Rosatom



- Owned by Électricité de France (EDF) (80.5%) and Mitsubishi Heavy Industries (19.5%).
- Designs, manufactures, and installs **components, fuel and instrumentation & control systems** for nuclear power plants and offers a full range of reactor services.
- In 2021 **Framatome and Rosatom** sign a Strategic Cooperation Agreement for expanding the companies' efforts to develop fuel fabrication and instrumentation & control (I&C) technologies.
- Joint venture with TVEL (Rosatom subsidiary) to produce nuclear fuel for Russian designed reactors in its subsidiary **Advanced Nuclear Fuels (ANF) in Lingen (Germany)**.

# French companies doing business with Rosatom



- French **multinational nuclear** „fuel cycle corporation“. Majority owned by the French state.
- Engaged in uranium mining, **conversion-enrichment**, spent fuel recycling, nuclear logistics, dismantling, and nuclear cycle engineering activities.
- Second largest uranium producer in the world with **9% share in global uranium production**.

# French companies doing business with Rosatom



- Multinational electric utility company owned by the government of France.
- Operates 57 nuclear reactors in France are spread out over 18 sites.
- **Enriched Reprocessed Uranium (ERU)** used in its reactors in Cruas. Reprocessed uranium (RepU) is transformed into ERU in the **Seversk** plant, located in the Tomsk region of Siberia, which belongs to the Russian group Rosatom.

# Transport routes

## Russia: a uranium hub

Since the beginning of Russia's full-scale invasion of Ukraine, uranium trade between France, Germany, the Netherlands, and Russia has continued to supply European nuclear power plants. This map shows part of the uranium trade flows via Russia and its alternative southern route, the TITR, which has a lower capacity. Given the opacity surrounding this radioactive traffic, this map is based on information that Greenpeace France has been able to collect from public records and through its observations in the field.



# Uranium traffic




**Natural** uranium imports from KZ and UZ

**Enriched** uranium imports from Russia

**Reprocessed** uranium exports to Russia

# No sanctions so far against Rosatom

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EUROPEAN COMMISSION  
DIRECTORATE-GENERAL FOR ENERGY

The Director-General

Brussels  
ENER/DJJ

Mr Florian Letort  
Greenpeace France

We regret to inform you that the Commission does not hold any documents that would correspond to the description given in your application.

At this point in time, the Commission has **not made any legislative proposal covering the nuclear** aspects of the Roadmap in question. In the absence of any such Commission proposal, no documents can be provided on any of the points of your request.

# Greenpeace demands

Greenpeace France calls on the French state:

- To **elucidate the uranium trade** by producing and publishing a report on France's uranium imports and exports, with a detailed breakdown of each form/category of uranium (natural uranium, enriched uranium, reprocessed uranium, enriched reprocessed uranium and depleted uranium).
- To oblige Orano, Framatome and EDF - of which it is the majority shareholder - to **end their contracts and/or business** relationships with Rosatom.
- To end **collaboration** between its institutions, the French nuclear industry and **Rosatom**.
- To **stop blocking sanctions** against Rosatom at the European level, and to work actively to have Rosatom added to the list of entities subject to EU sanctions on Russia.

# Conclusions

**Fuel Dependency in the Energy Sector:** Russia (via Rosatom) commands ~**46%** of global uranium **enrichment** capacity and **20%** of **conversion** services.

In 2023, EU utilities sourced **23%** of their **uranium** directly from **Russia**, with another **21% from Kazakhstan**, where Russia holds significant stakes.

**Central and Eastern European** countries (e.g., Slovakia, Hungary, Czech Republic) are particularly vulnerable due to their **reliance on Russian VVER reactors**.

Despite efforts to diversify, the **EU remains dependent** on Russia for enriched uranium and reactor maintenance.

Russia exerts significant **influence** over Europe's nuclear sector through dominance in fuel supply.

The image features a landscape with several wind turbines silhouetted against a bright, orange-hued sunset sky. The sun is low on the horizon, creating a strong backlighting effect. The turbines are of varying heights and are positioned across the frame. A white rectangular box is centered over the middle of the image, containing the word "Questions?" in a bold, black, sans-serif font.

**Questions?**