



Potential impact of UK's withdrawal from Euratom for the EU27

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Who we are



FORATOM acts as the voice of the European nuclear industry in energy policy discussions with EU Institutions and other key stakeholders.



What does nuclear contribute to Europe's economy?



127

NUCLEAR REACTORS
IN OPERATION IN THE EU



70

€ BILLION/YEAR



800,000

JOBS



27%

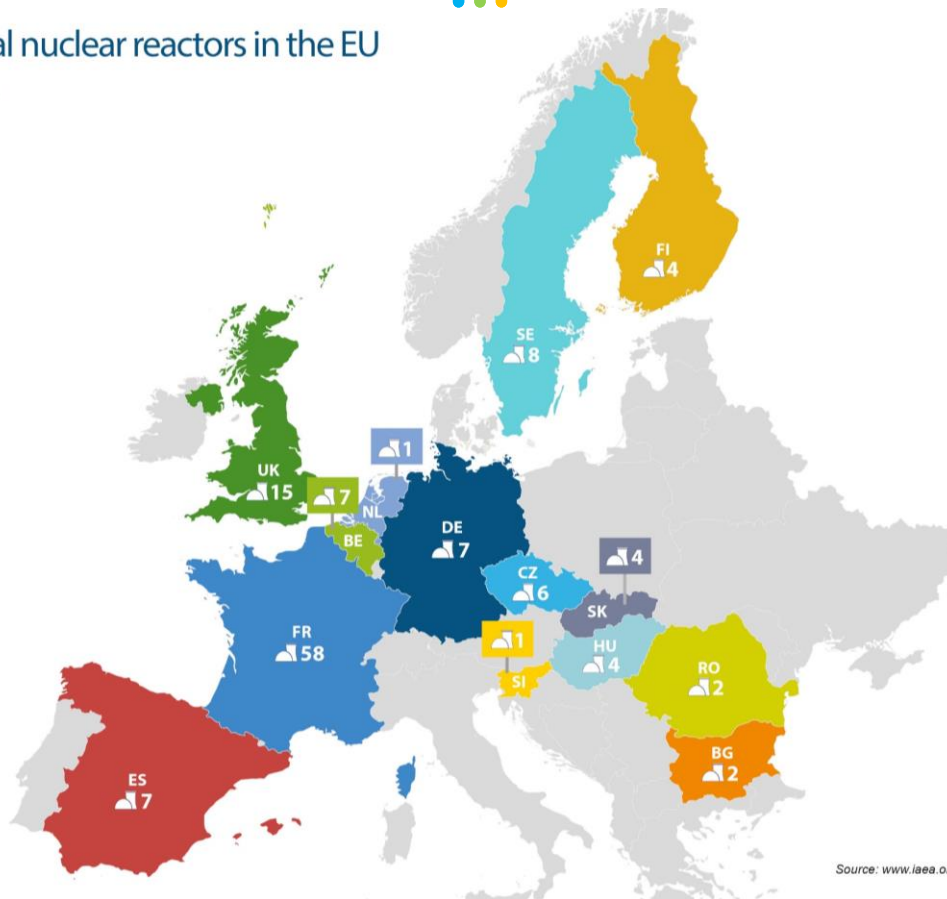
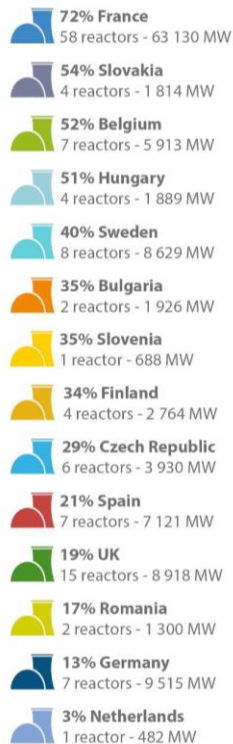
ELECTRICITY PRODUCTION



Nuclear energy in the EU – current status

127 Operational nuclear reactors in the EU

Nuclear share of electricity



ELECTRICITY
PRODUCTION

27%



LOW-CARBON
ELECTRICITY






50%



New build in the EU – construction & plans



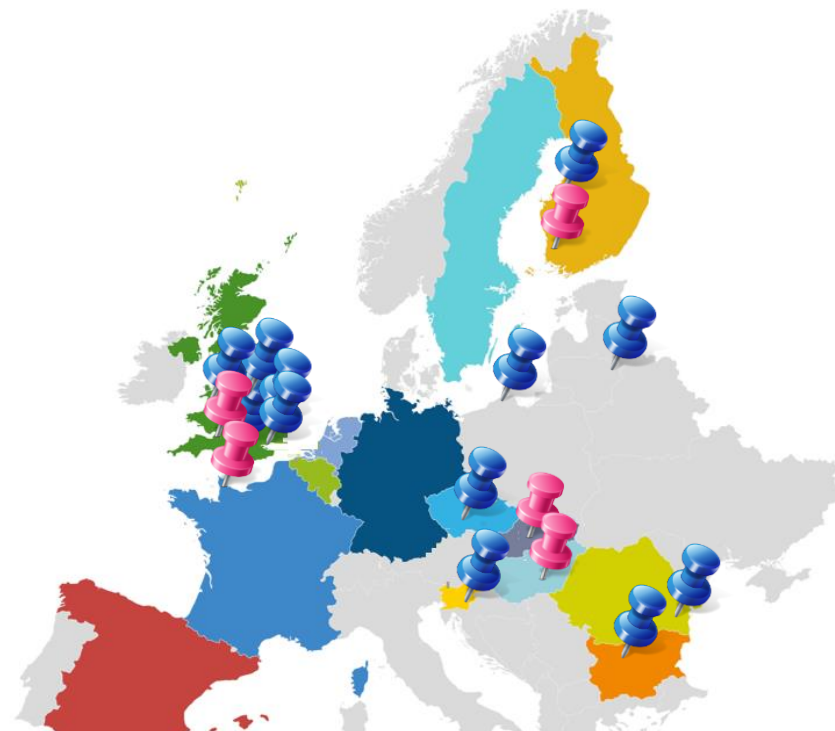
Nuclear power plants under construction

	Finland 1 reactor - 1 600 MW
	France 1 reactor - 1 630 MW
	Hungary 2 reactors - 2 400 MW
	Slovakia 2 reactors - 800 MW
	UK 2 reactors - 3 200 MW



Countries preparing or considering new build*

- ✓ **Bulgaria**
- ✓ **Czech Republic**
- ✓ **Finland**
- ✓ **Lithuania**
- ✓ **Poland**
- ✓ **Romania**
- ✓ **Slovenia**
- ✓ **UK**



- nuclear power plants under construction

- nuclear projects being developed or planned

Brexit & its consequences for nuclear



FORATOM's PP on the "Brexit impact on nuclear energy" highlights key issues:

1. Safeguards

NCA's

Validity of contracts

Free movement

R&D

Policy & regulation

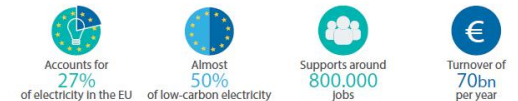
FORATOM
THE VOICE OF THE EUROPEAN NUCLEAR INDUSTRY

THE BREXIT IMPACT ON NUCLEAR ENERGY

To avoid disruption across the whole nuclear fuel cycle, the EU should work closely with the UK Government to

- Establish a new Nuclear Agreement with the UK as soon as possible, and arrangements for free trade in the nuclear sector
- Continue co-operation and collaboration on nuclear policy and regulation (including safety)
- Implement a transition period to minimise any disruption to the civil nuclear sector activities across the EU
- Allow for the free movement of nuclear skills to and from the UK
- Negotiate a new agreement that would allow the UK to continue to be involved in the Euratom R&D programmes
- Confirm validity of contracts already approved by the EC, and the Euratom Supply Agency for the supply of nuclear materials between EU suppliers and the UK.

NUCLEAR INDUSTRY IN NUMBERS



<https://www.foratom.org/publications/>

Euratom/UK - NCA



FORATOM's PP on key principles for a Euratom/UK agreement:

1

- Free trade in nuclear/non-nuclear materials

2

- Free movement of nuclear workers

3

- Approval of EU/UK fuel contracts/movements

4

- EU/UK export control licence regime

5

- International collaboration in nuclear R&D



<https://www.foratom.org/publications/>

Post-Brexit



FORATOM considers it important to ensure that

1

- The UK is required to continue to comply with IAEA safety standards and requirements.

2

- The UK is required to maintain standards of physical protection for exchange/transport of material/goods/equipment.





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