



The role of nuclear energy in the EU

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16 November 2021

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 the EU's economy?



107

NUCLEAR REACTORS
IN OPERATION IN THE EU



100

€ BILLION/YEAR



1 million

JOBS



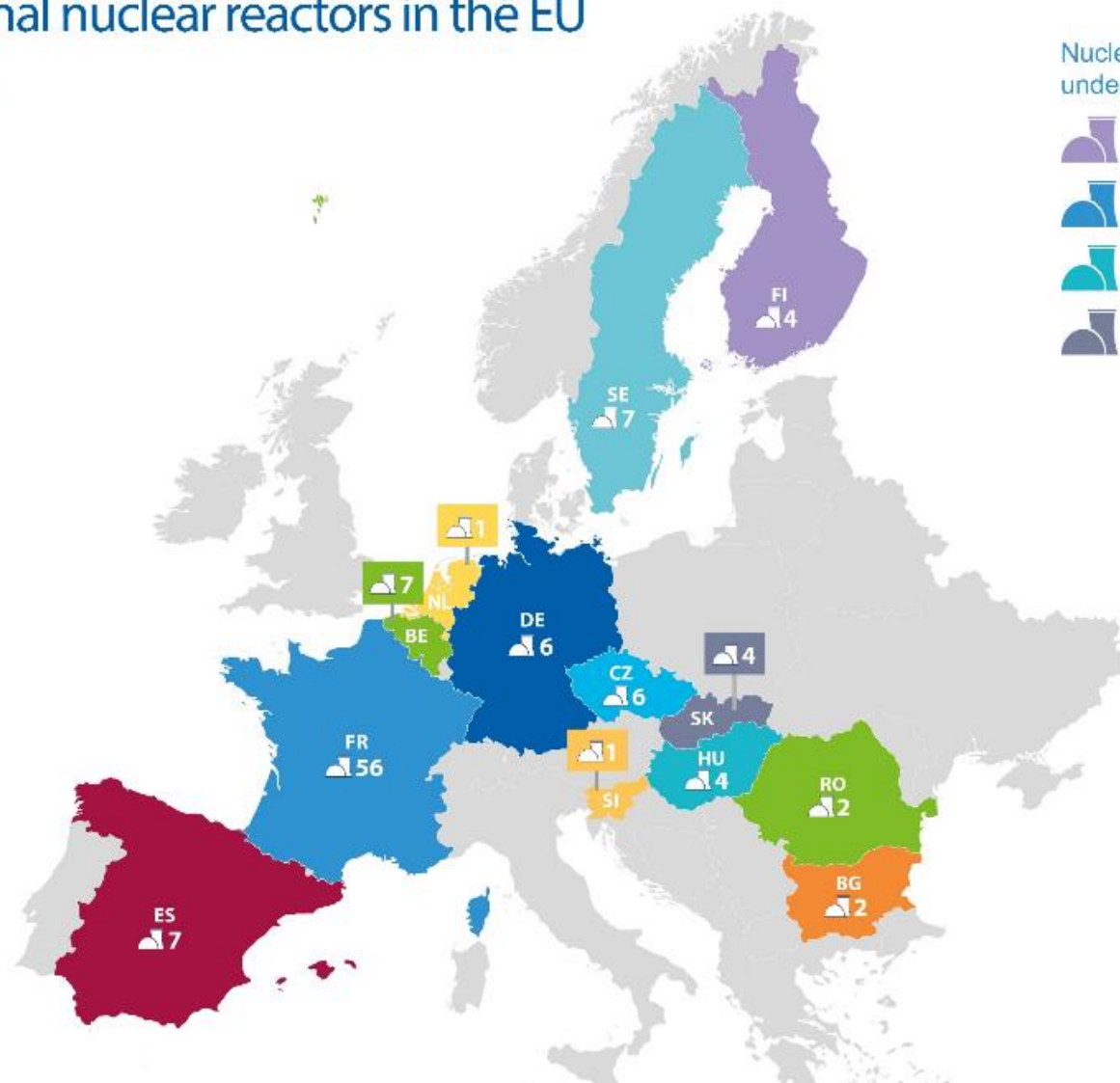
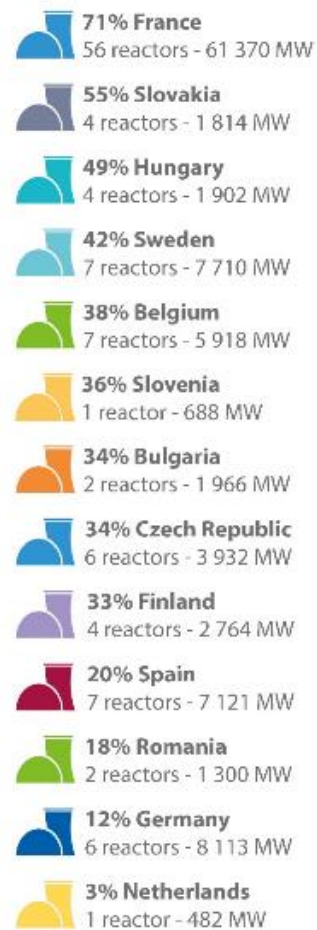
26%

ELECTRICITY PRODUCTION

Nuclear energy in the EU

107 Operational nuclear reactors in the EU

Nuclear share of electricity



Nuclear power plants under construction



ELECTRICITY PRODUCTION

26%



LOW-CARBON ELECTRICITY

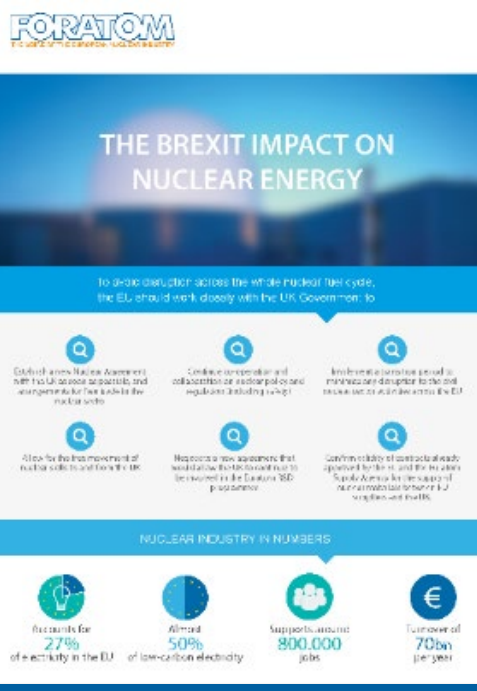
50%



What we do

FORATOM provides information and expertise on the role of nuclear energy

POSITION PAPERS



EVENTS



DEBATES



MEDIA RELATIONS



SITE VISITS



Key topics



EU Energy Policy:

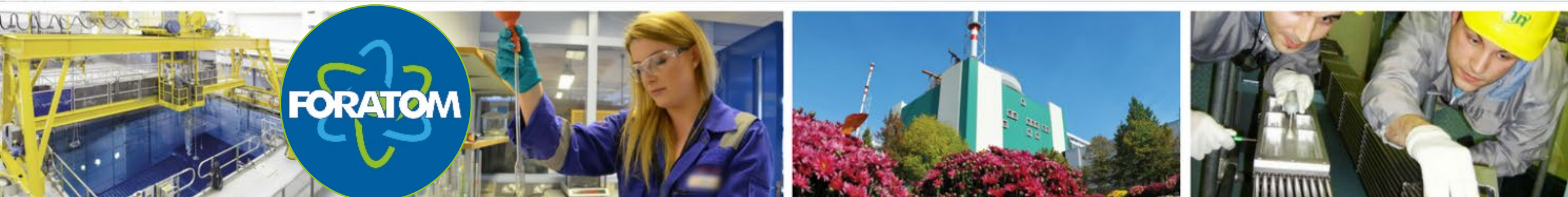
- Economics of nuclear
- EU energy mix
- Environment
- Euratom Treaty
- Security of energy supply
- Special projects - Brexit

Nuclear technology:

- New build projects
- Nuclear safety
- Nuclear transport
- R&D
- Waste disposal

Communication:

- Nuclear advocacy
- Perception of nuclear energy
- Promotion of nuclear energy
- Young generations in nuclear



Membership

The membership of FORATOM is made up of 15 national nuclear associations representing more than 3,000 companies.

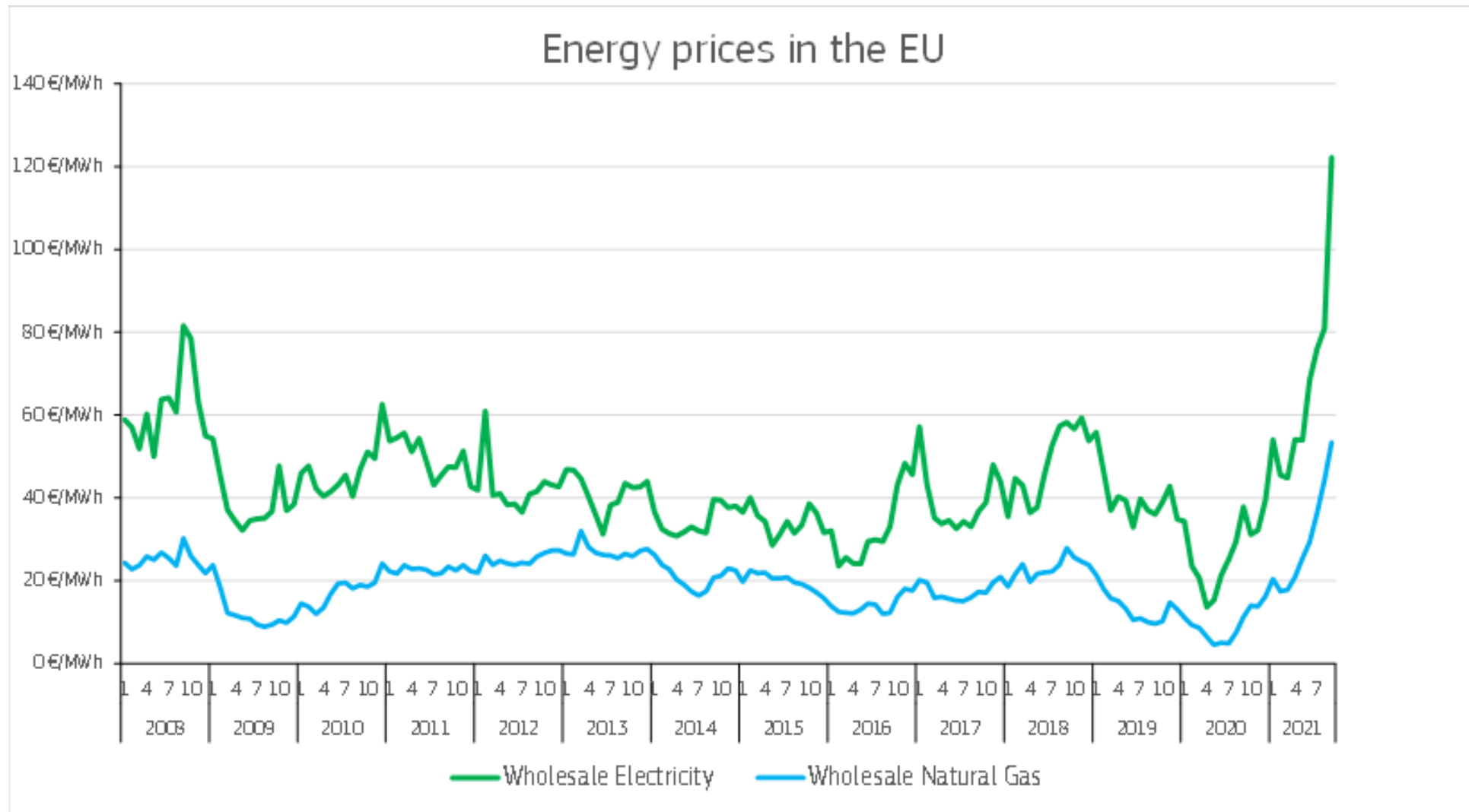


Corporate Members: [CEZ](#) (Czech Republic), [Fermi Energia](#) (Estonia), [Nuvia](#) (France), [PGE EJ1](#) (Poland), Rolls-Royce led SMR and [Urenco](#) (Global)

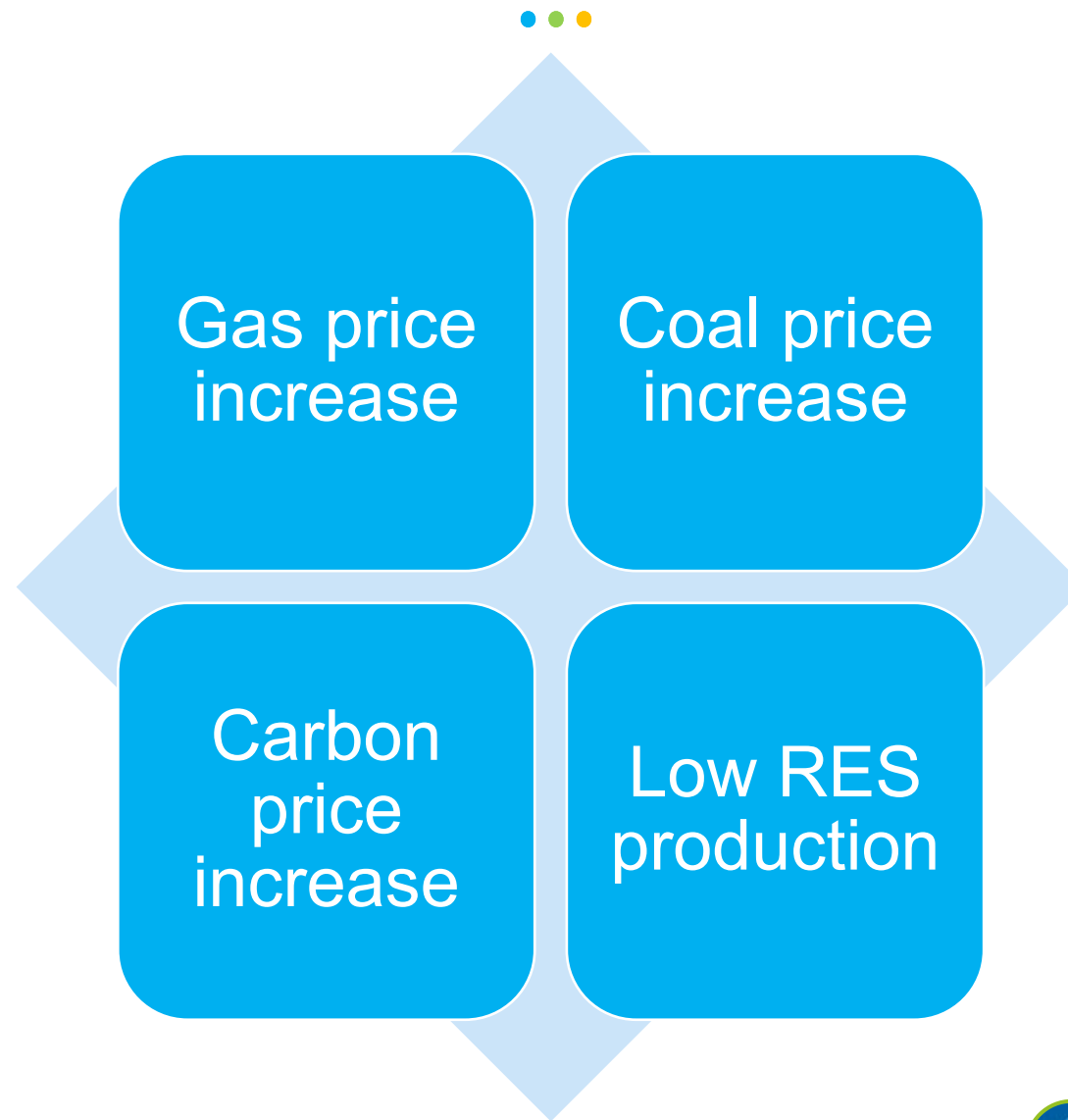


CURRENT ENERGY CRISIS

Power market: Current Status

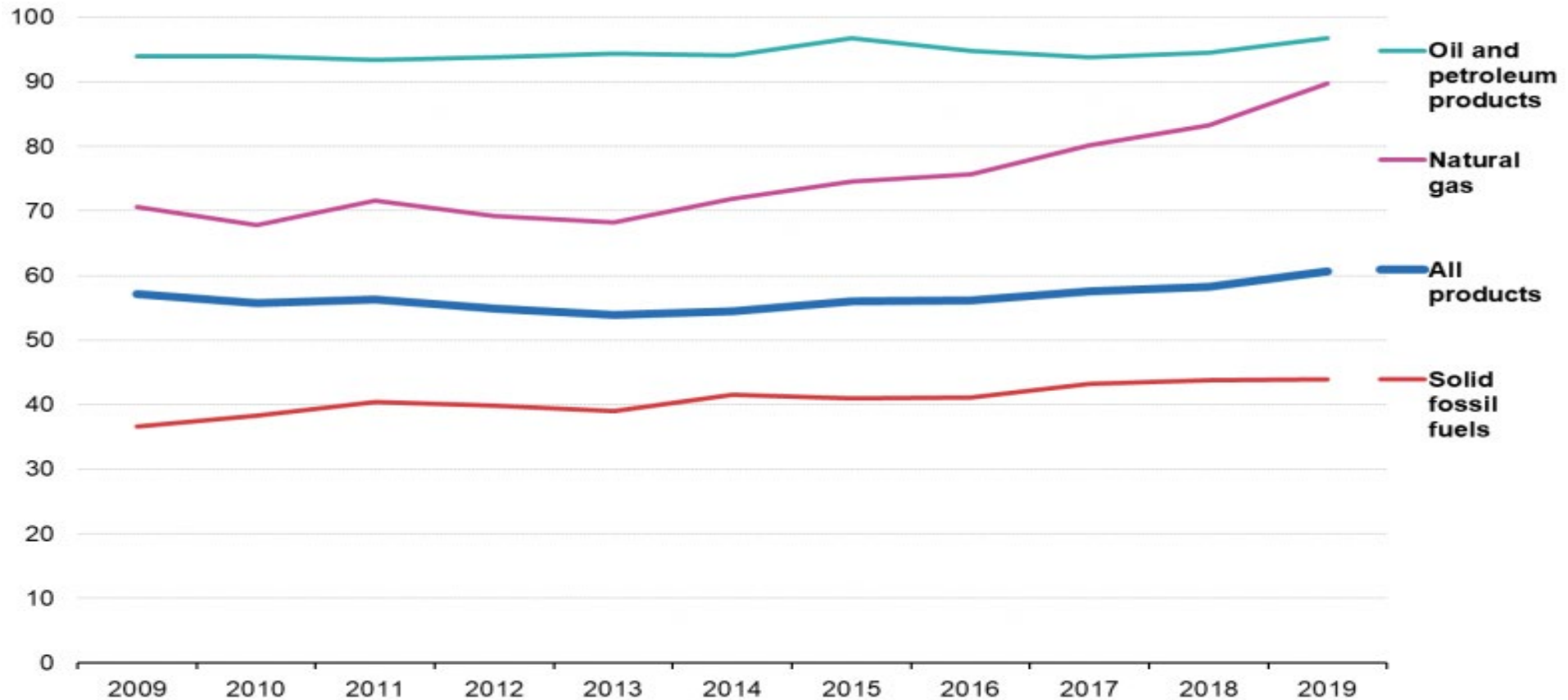


Causes of the energy prices booming



Impact of EU import dependency

Energy dependency rate, EU, 2009-2019
(%)



Source: Eurostat (online data code: nrg_ind_id)

eurostat 

Measures



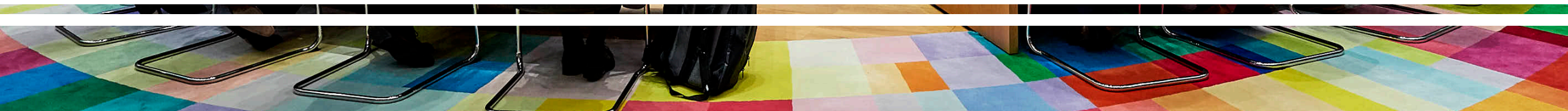
Avoid the closure of the existing nuclear fleet.

- Nuclear ensures stable prices as uranium price fluctuations have only a very marginal impact on costs. Therefore it is able to stabilise final power prices

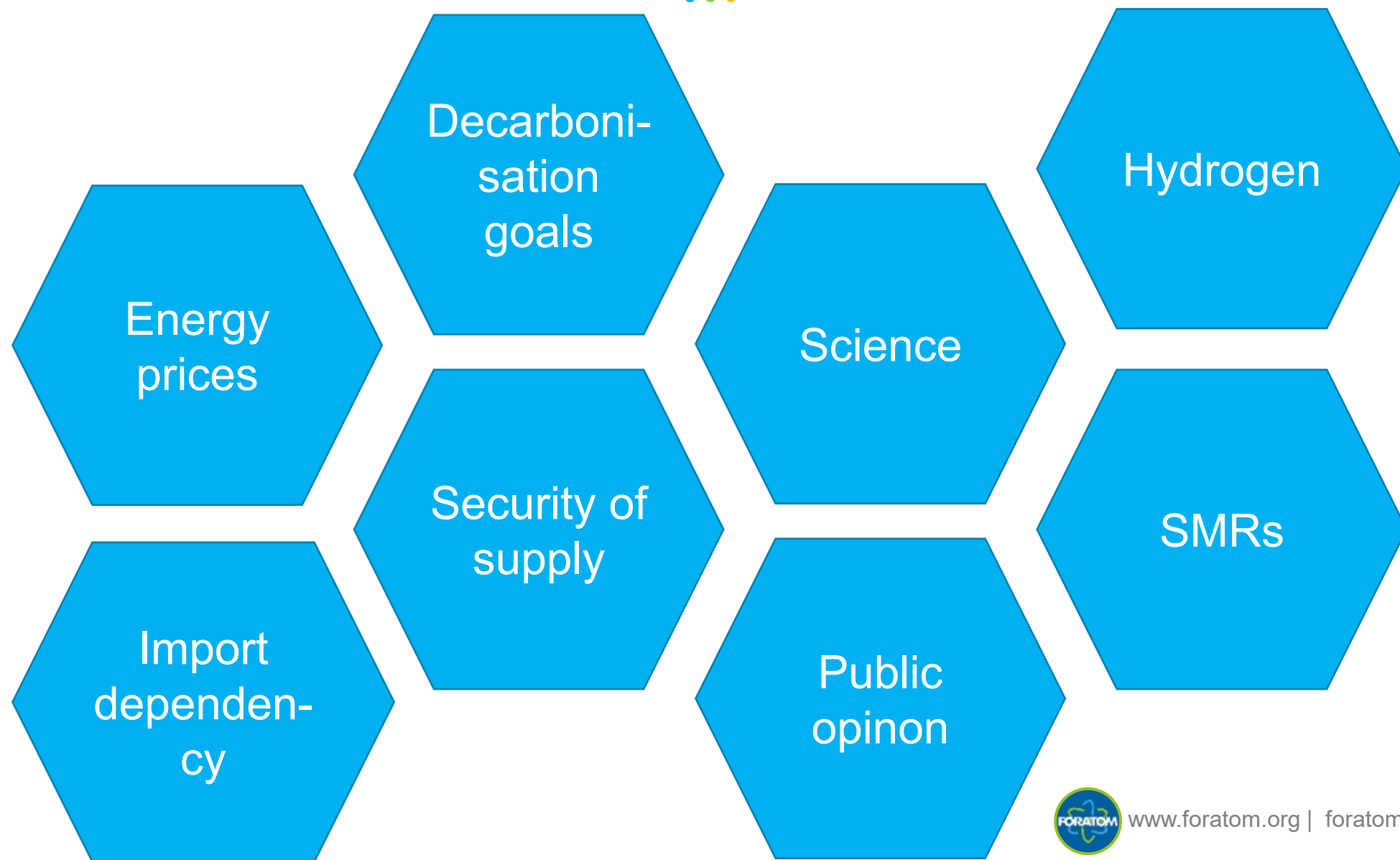




IMPACT ON EU DIALOGUE



Conversation focusing on





EU SUSTAINABLE FINANCE TAXONOMY

Sustainable finance taxonomy



Technical Expert Group



Joint Research Centre assessment



Article 31 Group (radioprotection experts)
+ Scientific Committee on Health, Environment & Emerging Risks opinions



Inclusion in complementary Delegated Act?



Risks of exclusion



Finance

Access to finance

Policy

Influence future policy

Message

Science is clear: nuclear is low-carbon & sustainable



Status of the discussions



To date, only two Member States remain vehemently opposed to nuclear:

- Austria
- Luxembourg

Others open to accepting nuclear (suggesting a gentleman's agreement between gas and nuclear + potential impact of energy crisis)



Press articles (latest examples)



- [EU countries ramp up pressure to grant nuclear a 'green' investment label](#)
- [EU response to high energy prices raises hopes for natural gas, nuclear](#)
- [Breton wants nuclear, gas on sustainable investment list soon](#)
- [Gas, nuclear and the EU taxonomy saga](#)
- [Making nuclear great again](#)



Next Steps – Prep for CDA

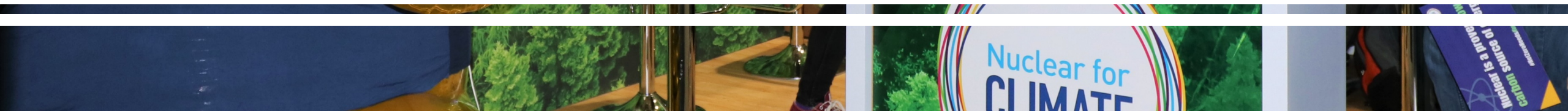


- FORATOM Technical Screening criteria proposal
- If, and when, CDA is published FORATOM + SF AHG to rapidly cross-check proposal with TSC
- Identify positive and negative issues
- Prepare e-mail outreach to ALL nuclear supportive contacts:
 - Highlight CDA publication & public consultation + deadline
 - Provide recommendations for response
- Submit response

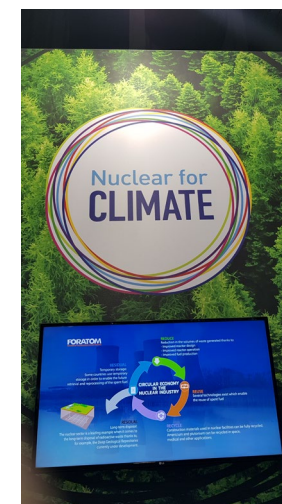
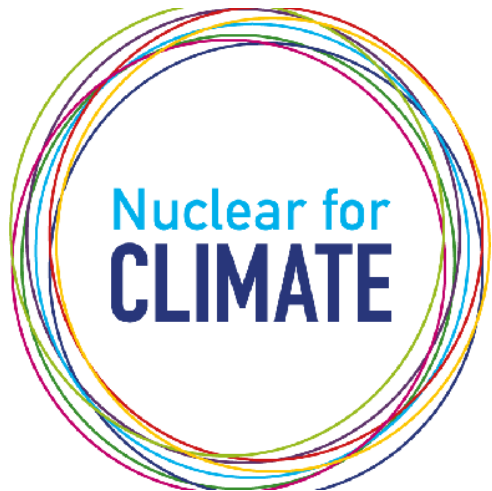




NUCLEAR @ COP26



Strong presence of Nuclear4Climate



Nuclear on event agenda



Video links



- Moody's webinar: [What are the prospects for new nuclear in Europe?](#)
- [Nuclear for Climate Flash Mob at COP26](#)



Thank you

