







Public Acceptance Human Factors

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About FORATOM

NARSIS WORKSHOP



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



NARSIS WORKSHOP



FORATOM provides information and expertise on the role of nuclear energy



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EU Energy Policy:

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

Nuclear technology

- Innovation, R&D
- Nuclear safety*
- Nuclear transport
- Supply chain
- Waste disposal

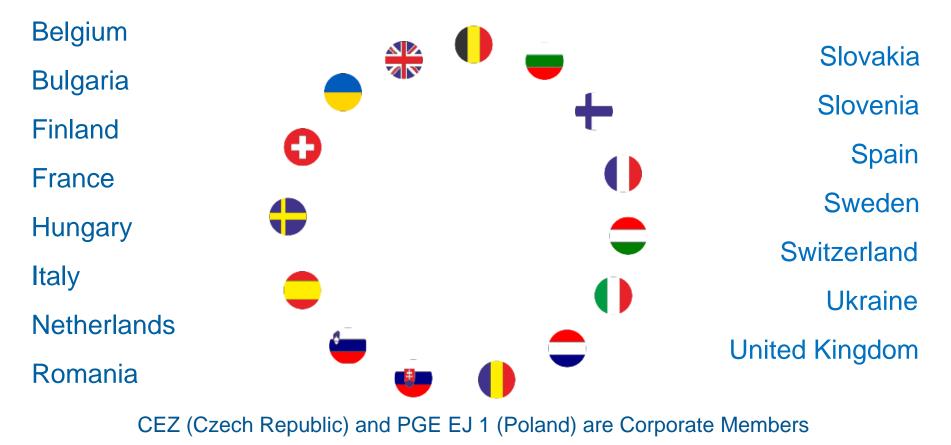
Communication:

- Nuclear advocacy
- Perception of nuclear energy
- Promotion of nuclear energy
- Public opinion

Legal aspects



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



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Training on Probabilistic Safety Assessment for Nuclear Facilities September 2-5, 2019, Warsaw, Poland



Nuclear in the EU

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What does nuclear contribute to the EU's economy?



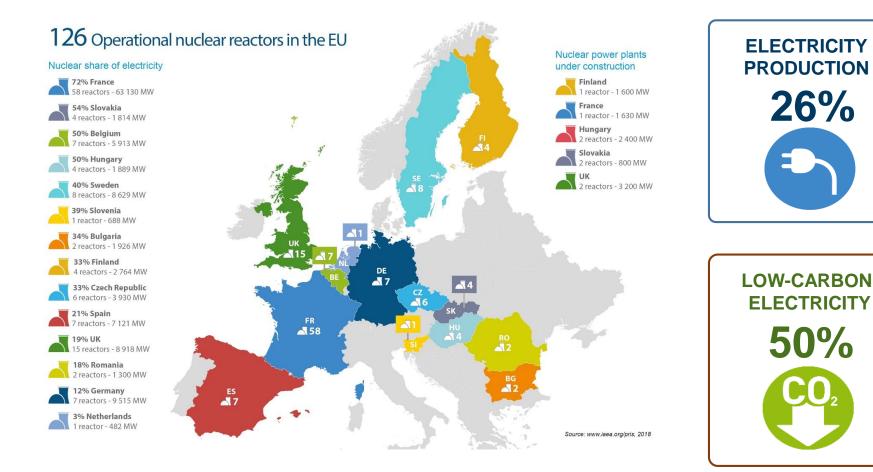
126 NUCLEAR REACTORS IN OPERATION IN THE EU

100 1.1 million € BILLION/YEAR JOBS

26% EU ELECTRICITY PRODUCTION

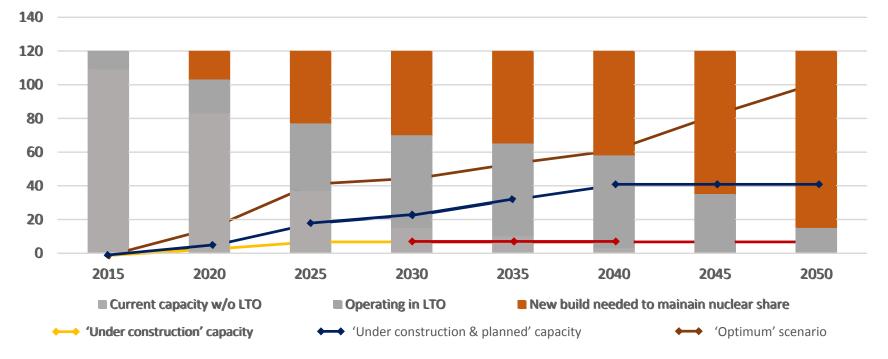


Nuclear energy in the EU





Nuclear capacity (GW)



*Source: PINC, European Commission, 2017 Estimated investment needs in LTO (until 2050): EUR 46,9 billion





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Public opinion

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Public opinion

"The public is against nuclear – and so EU legislation should be too"



But is this true?

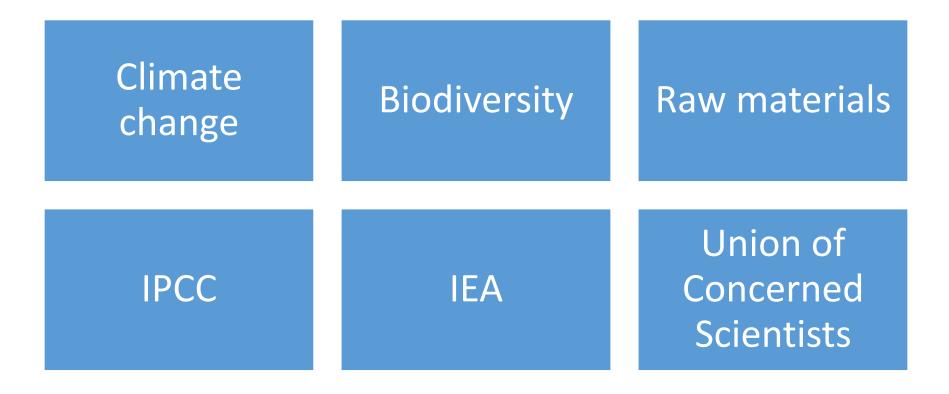








Ideology is gradually taking a back seat







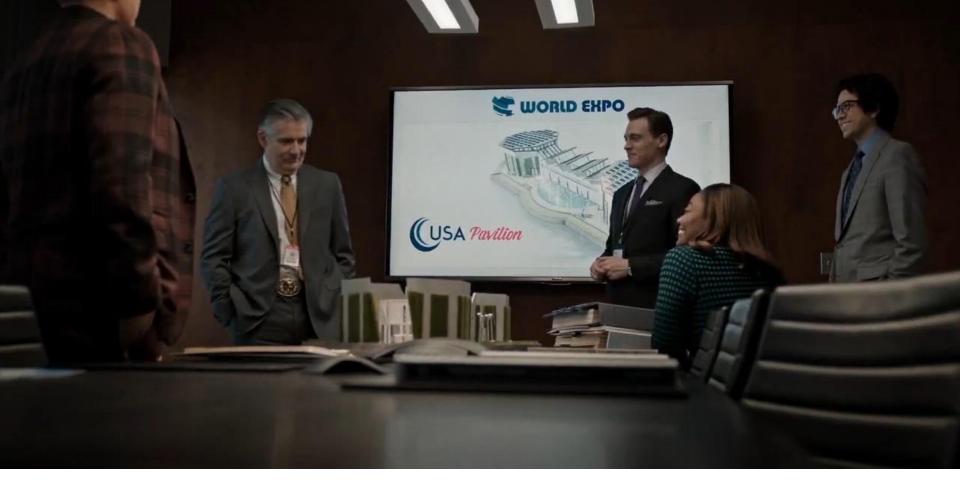
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The power of television

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KERNENERGIE

Let's look, on a basic level, at what a nuclear power station is:

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HBO: Chernobyl







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Handling "human factors"

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Risk perception

Public opposition to nuclear in the 1970's: PSAs and expert advice not deemed trustworthy Need a shift in communication to achieve a balanced and proportionate response to risk



Risk perception



MundaneUnderestimated



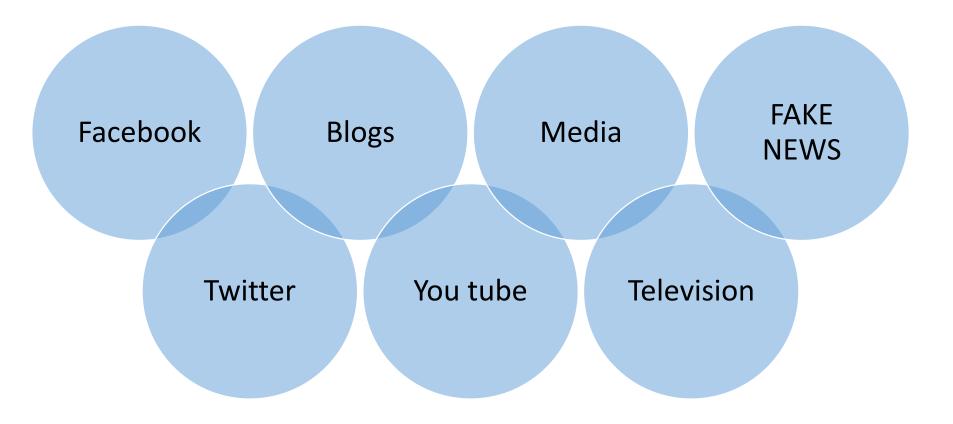
> Widely reported> Overestimated



Communication often too focused on facts Take into account emotion-based communication Compare it with a familiar risk to give them something comparable



Communications – Information overload





Communication basics

Part of a broader communication plan:

Continuous dialogue with local stakeholders on:

- Benefits to them
- Allowing them to raise concerns
- Targeted and relevant information on Probabilistic Safety Asessment (when needed)
- **Crisis communications**



> Know your audience



> Who are people most likely to connect with?



Focus on what is most relevant to them and put it into perspective



Keep It Short & Simple



Allow them to raise their concerns and try to answer all questions as far as possible



Cardinal rules

- Accept and involve the public as a partner.
- Listen to the public's concerns.
- Be honest, frank and open (gain trust).
- > Work with other credible sources.
- Meet the needs of the media.