



**FENNOVOIMA**

Support of R&D in new nuclear build

SAFIR2014 Interim seminar

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# Challenges inherent to nuclear new build

- Public questions re. acceptance – especially on new sites / areas – is mostly non-technical
- Characteristics of new site(s), including external hazards, are needed
  - For site suitability assessment
  - For plant design and plant contract
- Supplier's new technologies / solutions for safety functions
- Regulator's new requirements – currently, Forsmark and Fukushima driven novel design requirements
- **Decision-making related to all these requires factual support that only pertinent R&D can provide**