

IEA / NEA Nuclear Technology Roadmap Update Stakeholder Engagement Workshop

Key conditions for successful Nuclear new build financing

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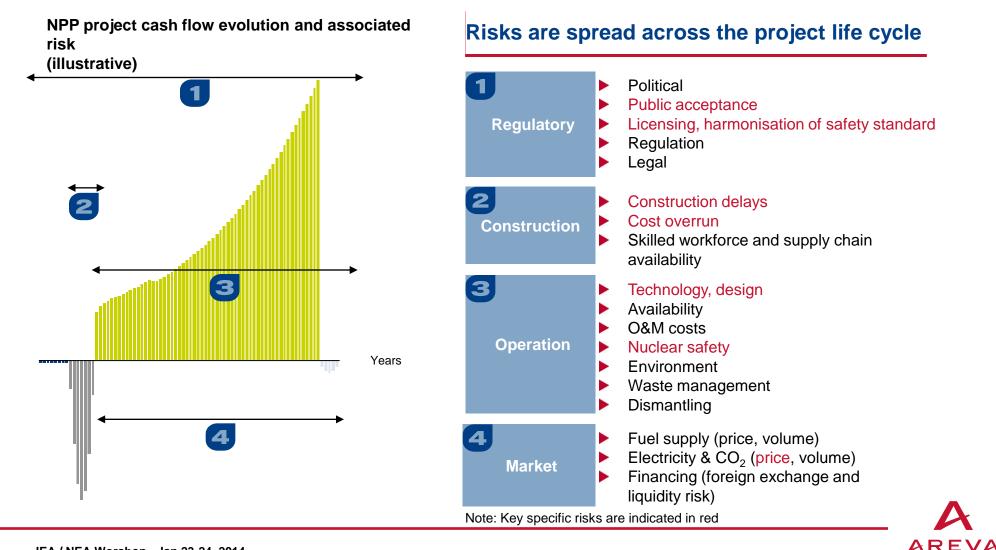


Key questions debated by Nuclear Utilities and AREVA

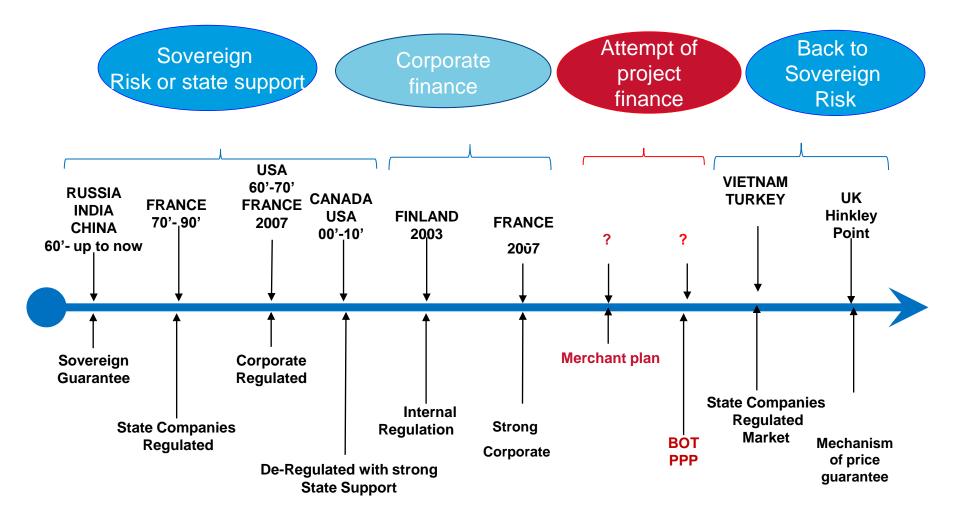
- How to finance nuclear new builds in an optimal way, in a post-Lehman and post-Fukushima world?
- Regulatory regime: a case for re-regulation?
- What funding package for nuclear new builds (investor profiles, debt instruments, role of ECAs)?
- How to optimize investment process for nuclear new builds, in order to minimize risk taking for investors?



NPP projects bear associated risks, like any large power generation project



Existing NPP financing mechanisms Need for public support





New ideas / prerequisites emerge on nuclear projects' financing

1/ Project de-risking as THE priority:

- 'NOAK' as a must (avoiding prototypes by all means)
- Introduce cross-licensing between EU countries (aerospace industry benchmark)
- Robust engineering phase prior to first concrete as a key de-risking factor

2/ New funding sources to be tapped:

- Towards more sharing of NNB projects between utilities?
- Attract 'long' investor base (sovereign or pension funds)?
- Issue 'Nuclear bonds' with appropriate State / EU backing?

3/ Electricity Market Reform necessary not only in the U.K.: all low carbon energies, not only renewables, are capital intensive and need long term visibility on power prices (through PPAs of CfD)

4/ Competition should not be biased by financing issue

