Resolving issues on the path to public-private collaboration: Big Science - The ITER experience

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ENRIITC Webinar
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ITER is an international research project aimed at demonstrating the scientific and technological feasibility of fusion energy as an alternative for the future.

F4E is a EU public organisation created in 2008 to deliver the EU contribution to the ITER Project.

Headquarters: Barcelona, Spain

Staff: 460+

Budget

- 2007-2020 ∼6.6 BEUR (~500 MEUR/yr)
- 2021-2027 ∼5.2 BEUR (~750 MEUR/yr)

+- 750 partners across Europe
The experience of Fusion for Energy and the ITER Project

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The context: the public nature of the BIG SCIENCE organizations dictates the conditions under which the collaboration with private entities takes effect.

- **Big size**: complex projects/complex management
- **Big challenges**: technical risks/one of a kind
- **Big money**: financial capacity/financial risks/public procurement rules
- **Long-term**: long commitment
  
  ... and “unique”
The key to resolving issues on the path to public-private collaboration in Big Science is **communication**.
Understanding the motivation of your business partner

- Fulfil a Big Science project in time/budget
- Pushing the frontiers of technology / physics / science
- Industrial Policy
- Social benefit of research infrastructures
- Carry out an economic activity with success
- Become more competitive
- Consolidate a customer/supplier relationship
- Prestige and reputation
- Networking
Why BIG SCIENCE organizations carry out Technology Transfer activities? To have an impact in society and
Thank you for your attention

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