



ESFRI Roadmap in the Energy Field

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The Energy domain

- **Multi and inter-disciplinary;**
- **At the borderline between fundamental research, technology and industry**
- **Need for an integrated approach to foster innovation**

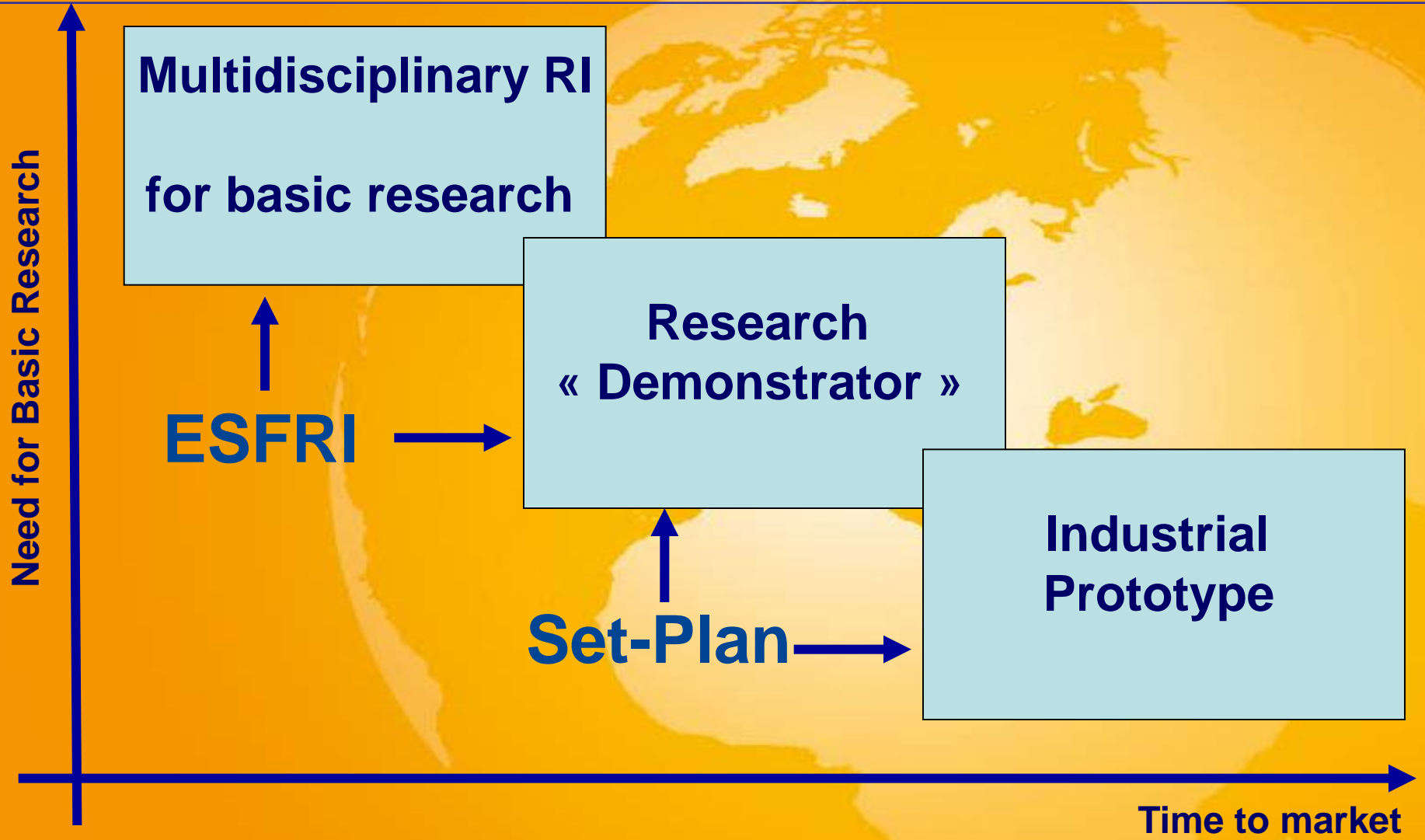
What ESFRI can do with that respect?

The role of ESFRI

- Existing multidisciplinary RIs strongly contribute already to energy research, mainly in material sciences
- More oriented RIs for Energy will be facilities to catalyse scientific, technological and industrial efforts in a specific domain.

RIs are essential tools for the European scientific and technical communities, in particular for ERA joint programs.

Which Energy RIs for Europe?



Energy Infrastructures in the 2010 Roadmap

7 Energy projects out of 40:

- ECCSEL: European Carbon Dioxide Capture and Storage Laboratory Infrastructure
- EU-SOLARIS : Concentrated Solar Power
- MYRRHA : ADS-based Multipurpose irradiation facility
- HIPER: High power long pulse for ignition fusion
- IFMIF: International Fusion Materials Irradiation Facility
- JHR: High Flux Reactor for Fission Materials Testing

ESFRI Priority is now to foster implementation



Thank you for your attention