



**Portugal:  
Considerations on the strategic role of Research  
Infrastructures**

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□ Research Infrastructures – Why are they important?

- Backbone of research capacity;
- Contribute to high-quality training of young researchers;
- Attract national and international excellent researchers;
- Enable the fuller participation of national teams in the international research system;
- Encourage innovation and contribute to closer linkages with industry;



**Research Infrastructures – How to achieve this?**

Main tool: A National Roadmap that:

- concentrates effort nationally on areas of greatest strategic impact;
- increases collaboration within the research system, and between it and the wider community; and
- reduces the duplication and sub-optimal use of resources arising from lack of co-ordination.



Framework



ESFRI



Smart  
Specialization



National  
Capabilities

**National Roadmap for Research Infrastructures**



☐ Methodology and timing for the preparation of the national roadmap

- Portugal's National Roadmap development - Four main phases:
  - Mapping of research infrastructures in Portugal (July 2012);
  - Launching of a Public Consultation for Strategic Development, with a view to defining priority investment areas and investment needs (December 2012 – March 2013);
  - Adopt the national Roadmap (May-June 2013);
  - First phase of the implementation of the roadmap (Second semester 2013 and 2014).



- Aim: an ecosystem of research infrastructures

## funding instruments

Optimum use of all funding instruments

- regional;
- national;
- European;
- international;
- Public and private sources;

## core needs

Serves the core needs of the research community through

- Professional management;
- Access to state of the art equipment and teams;

## excellence and innovation

Supports excellent scientific research and innovation

- Increased presence in key european networks and infrastructures;
- Increased participation and leading capacity in international research programmes;