



Towards a European strategy for Industrial Research Infrastructures

Driving economic development from nanotechnology
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RATIONAL

- **Testing** and **validation** of new technologies is essential before **commercialisation**.
- **Speed** and **complexity** of innovation is increasing and **high capital investments** are needed to develop new products ➡ SMEs and industrial start-ups cannot afford investing in own infrastructures.

Availability and access to state of the art technology infrastructures, whether public or private, is essential to accelerate technology diffusion and access to emerging markets.

INDUSTRIAL RESEARCH INFRASTRUCTURES

- **Broad concept** under different names: *open innovation testbeds, digital innovation hubs, KETs technology infrastructures, open labs, industrial bases, Fieldlabs etc.*
- Accelerate innovation processes to **advance from technology validation in labs (TRL 4) to system prototype demonstration in industrial environments (TRL 7)**.
- **Ensure feasibility and regulatory compliance.**



Stakeholder's Workshop 1st March

- **Lack of appropriate infrastructures: an ambitious approach at European level is needed.**
- **European Strategy Forum for Research Infrastructures (ESFRI) can be of inspiration: but not fully appropriate for industry.**
- **Access conditions guidelines: to be industry-specific.**
- **National experience: barriers exist but can be overcome.**

Suggestions to move this agenda forward

- Consolidation of the **mapping exercises of available and needed infrastructures.**
- Elaboration of **common open access conditions**, in "co-creation" with stakeholders and Member States.
- Agreement with Member States on a **gap analysis and prioritisation** at EU level.
- **Setting up of a European strategic coordination mechanism.**