

# 2nd Future Internet Usage Areas Workshop

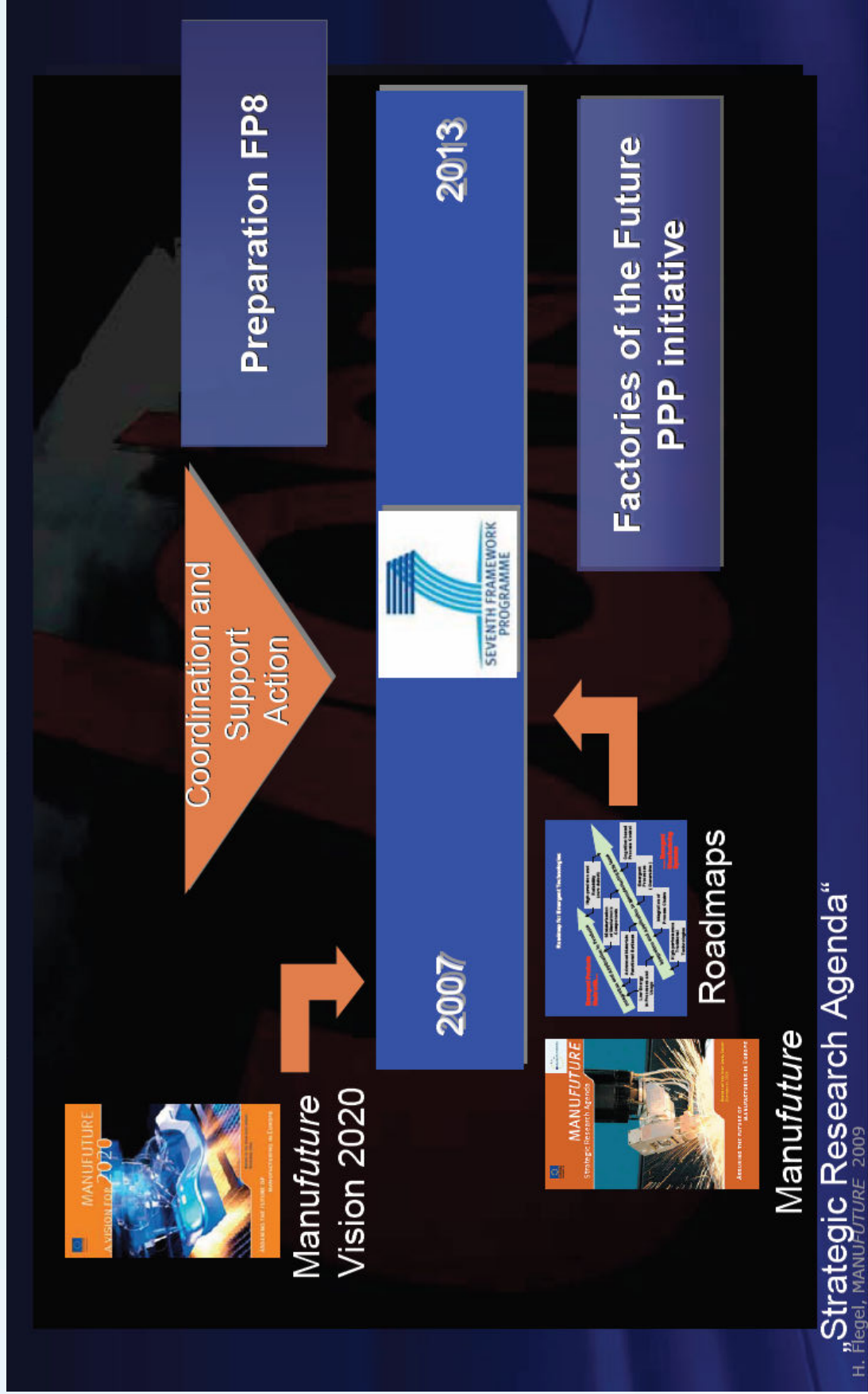
21-22 June 2010

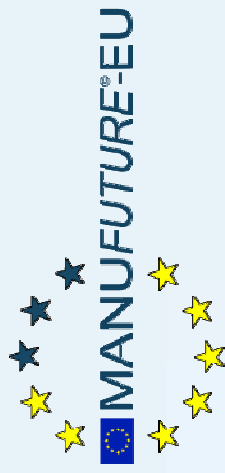
## Usage Area Manufacturing

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# The Manufuture Technology Platform

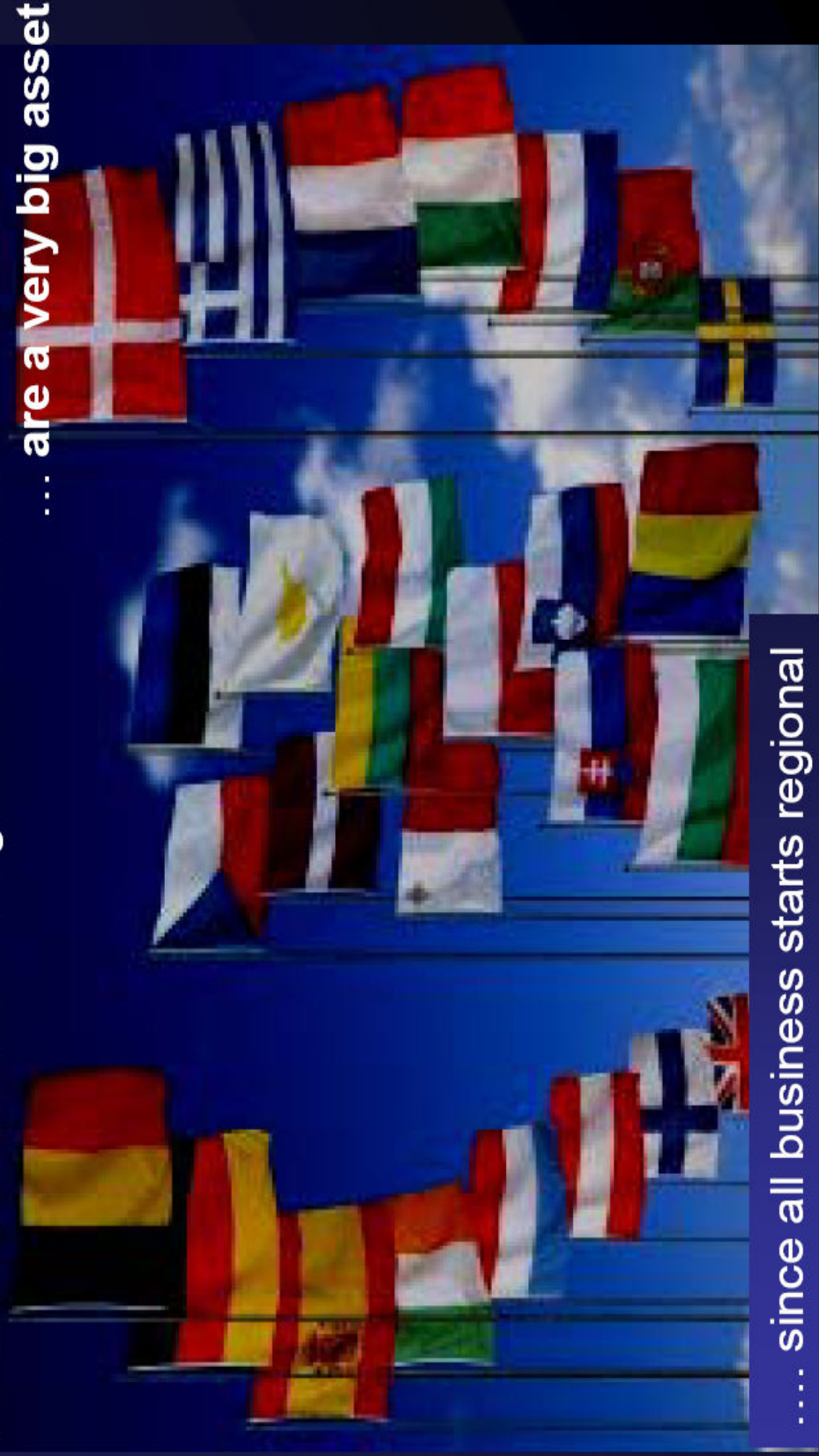




# National and regional technology platforms

26 established National and Regional ManuFuture Platforms  
.... with more than 1.700 registered members

.... are a very big asset



.... since all business starts regional

(1) What use case and scenario in your area would you consider the most appropriate and representative one for large-scale experimentation?

#### Networked Manufacturing

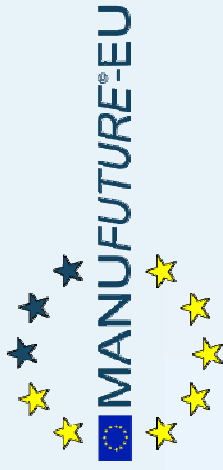
- virtual company concept
- connecting all actors in the supply chain

(2) What innovative Internet functionality and technologies would you consider important for your suggested use case and scenario?

#### Internet-based technologies and applications contributing to

- increasing management efficiency of global networked manufacturing
- increased logistics efficiency, real-time monitoring of material flows
- real-time monitoring of resource use
- life-cycle management including product upgrades, re-manufacturing, recycling
- advanced maintenance technologies and services
- knowledge-based manufacturing for better decision making

- (3) Which of the identified functionalities would you expect the Future Internet core technology platform to deliver to support your and other usage area scenarios?
  - Data management; service/content handling; rating and billing; identity and access management; rights management; and lifecycle management.
  
- (4) What kind of experimentation environment would you consider necessary for broad large scale testing of the platform to be developed in your use area? What would be needed to experiment new services and applications cutting across use areas (services and application mash-up) and building a new services and application ecosystem around the prototype implementations of the platform?
  - Networked manufacturing pilot plant



- (5) How do you see the potential role of your organisation in the FI-PPP, in the context of Usage areas taking a prominent role in the Initiative, to ensure an appropriate application driven approach?

Manufacture can mobilise industrial actors around the Future Internet objectives and synchronise efforts on different levels

*From previous FI workshop report:*

*“Fostering the **creation of a new extended economy environment over the net**, accessible by stakeholders in all 27 Member States, which guarantees service provision, service delivery, traceability, information quality and endorsement, and helps SMEs everywhere and especially Europe’s emerging economies to grow and consolidate”*

*“Leveraging the **enlargement of service offering over the net**, allowing a wider range of better quality - enabled services to all economy stakeholders, from SMEs to large corporations, from academic centres to public agencies”*