



ManuFuture
– a chance for industry?

ManuFuture Belgium, Bruxelles, 13 December 2006



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Festo AG & Co. KG and its interest in *ManuFuture*

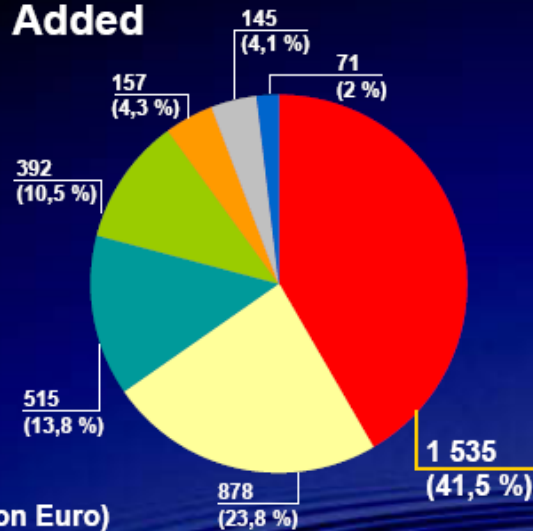


Headquarter in Esslingen

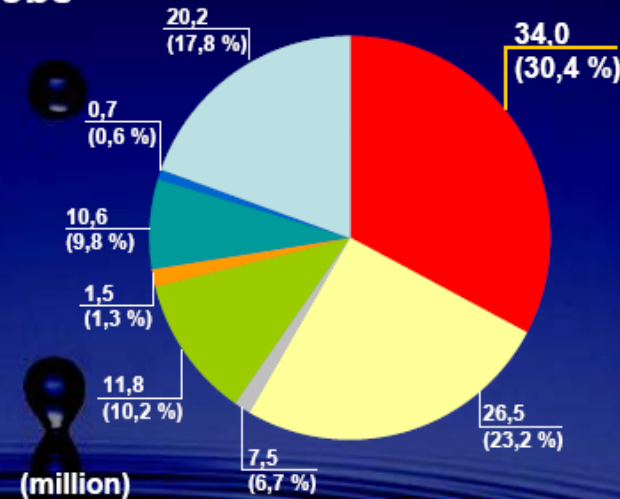
- Festo AG & Co. KG – an independent family business acting globally
- 1.200 Mio € turn over
- More than 10000 employees
- R&D 6.5% of turnover
- 52 national Festo companies
- 250 regional offices in 176 countries
- 1.5 % of personal costs into training

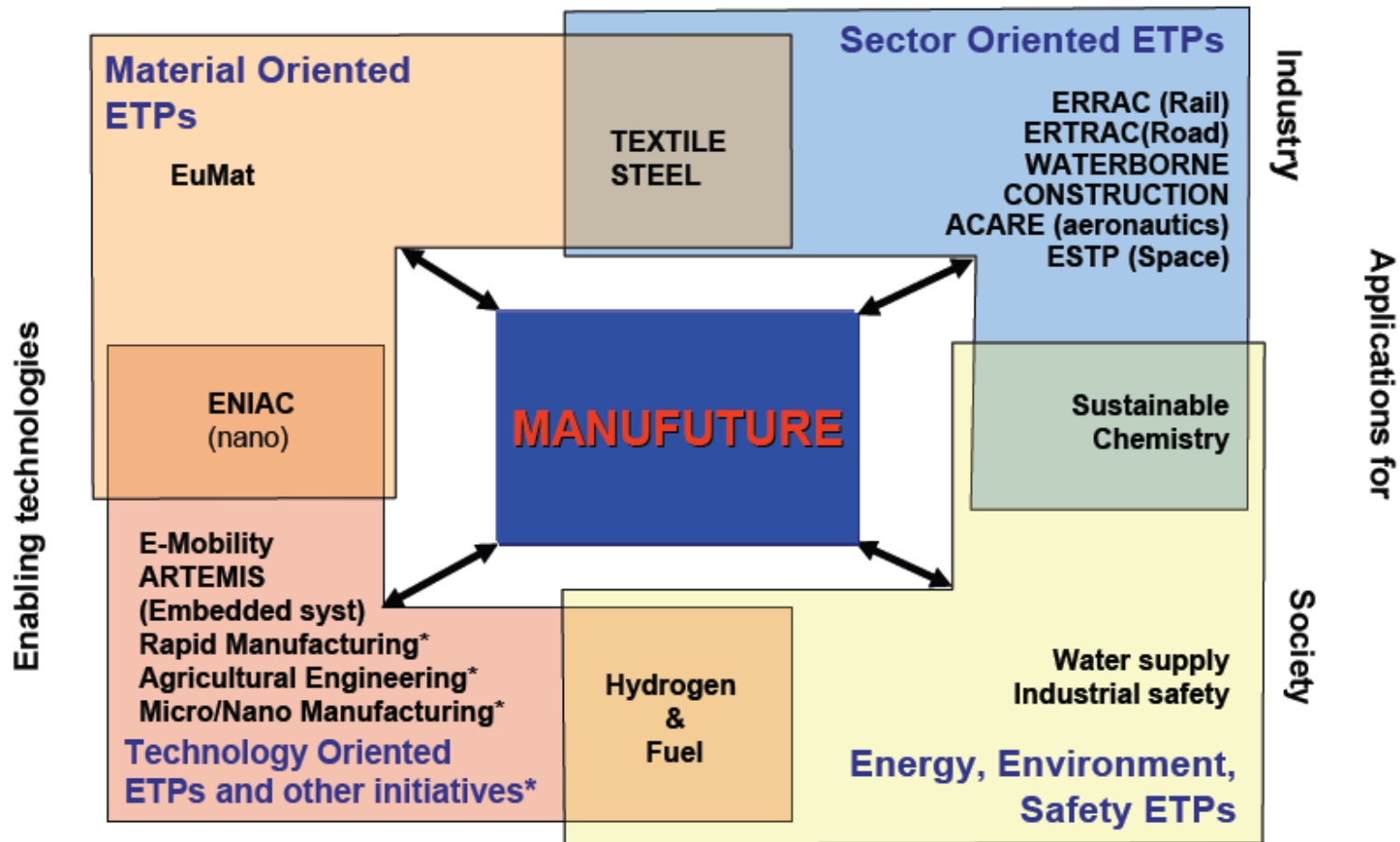
Value added and Jobs in the EU-25 Manufacturing is the dominant Sector

Value Added



Jobs



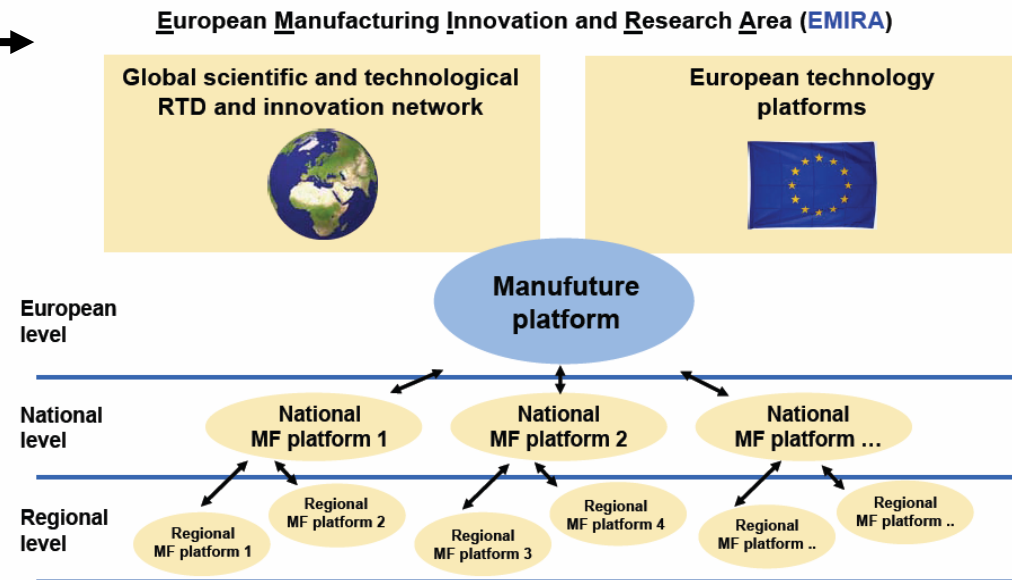




Structure and achievements

ManuFuture Structure →

HLG initiated by the Commission
SG
National platforms
Mirror Group



ManuFuture Achievements: →

Vision 2020, Strategic Research Agenda,
Condensed Version of the SRA,
several International Conferences, open
consultation phase

... on its way to implementation



Challenge

Do something for production! Only a prospering production will keep production and therefore R&D in Europe.

The only alternative for a sustainable society.

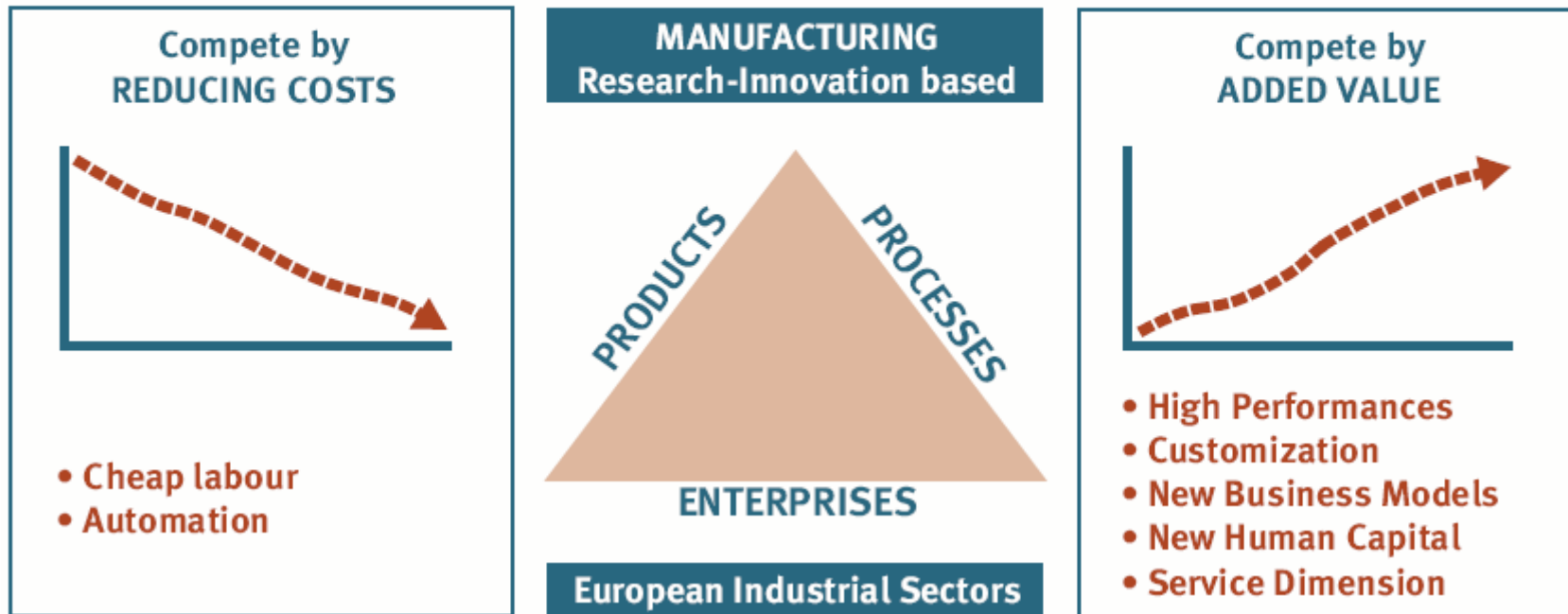
Basic research is needed but we need to focus available resources also for a midterm success.

Balance EC, national and regional programs.

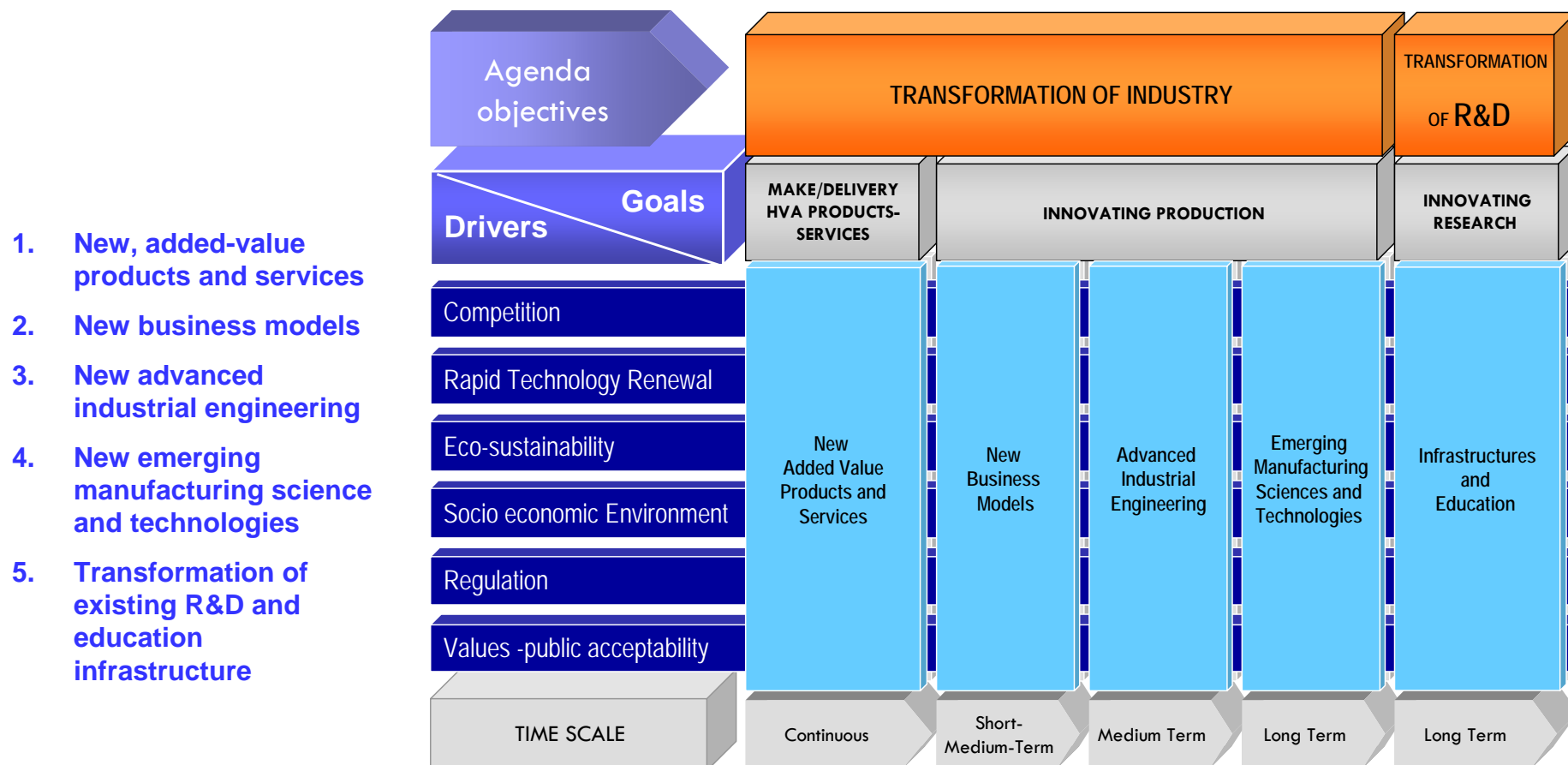


Change of paradigm

Manufuture



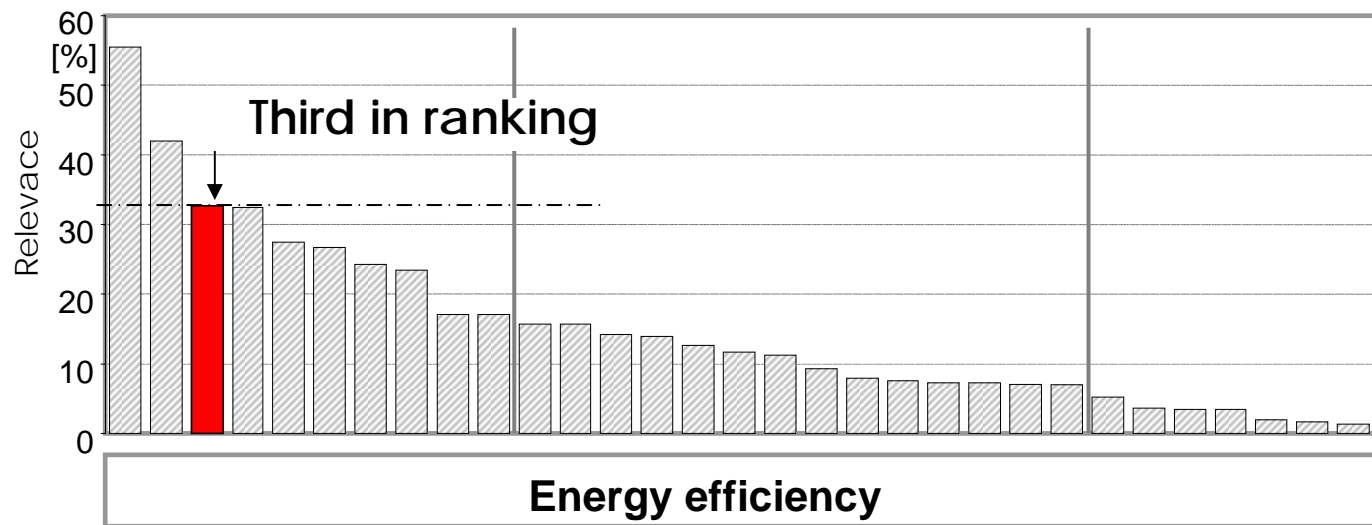
The pillars





Roadmapping activities (example of *ManuFuture-D*)

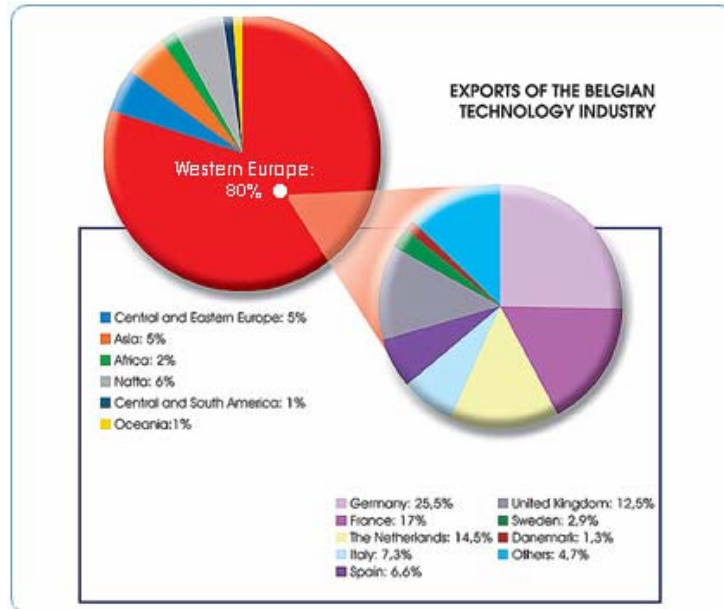
Typical results:



Nano has its place .. But keep it in perspective



Relevant for ManuFuture-B ?



Focus on export

Pictures from AORIAS
Official web site



Local activities



Where do we stand today

NMP draft program

Theme NMP

- **Nanosciences, Nanotechnologies;**
- **Materials;**
- **New Production;**
- **Integration of technologies for industrial applications.**

With a budget of ~ €3.5 b

07/07/2006 Roadmapping for manufacturing research Summer 2006 5

IST draft program (no ICT for manufacturing)

22.12.06 publication of first calls



Thank you for your attention

References: *Manufuture* Conferences, Public Documents
by Prof. Flegel, Prof. Jovane, Prof. Westkämper