



Enterprise and Industry



4th Bruges European Business Conference

Innovative products based on Key Enabling Technologies

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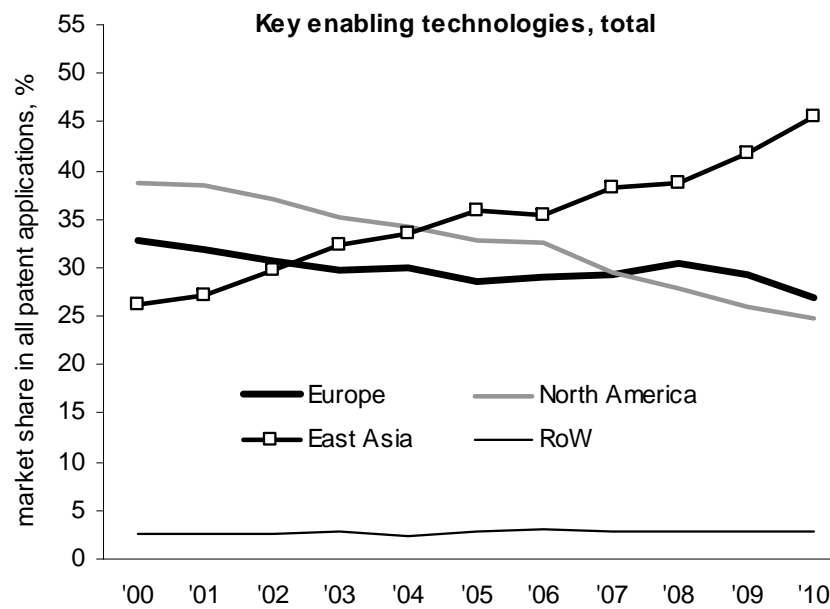
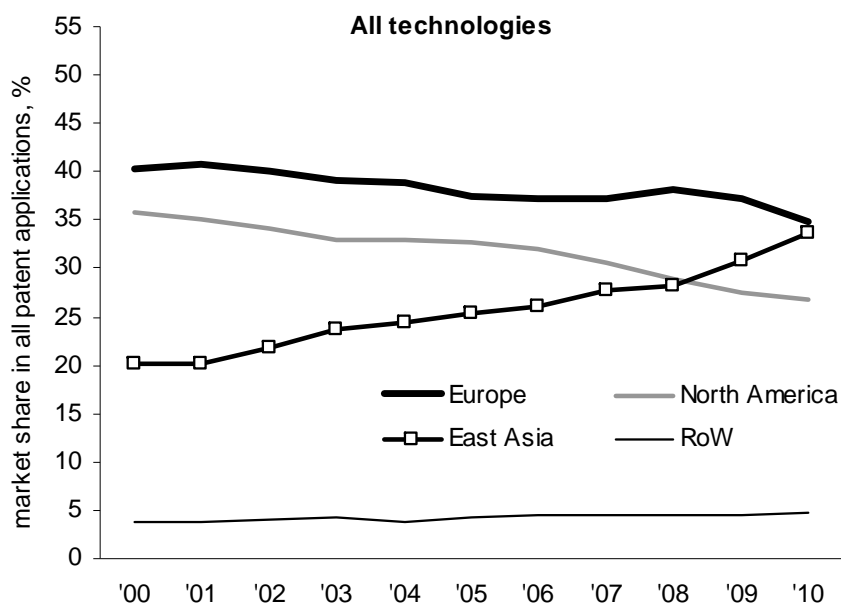


Key Enabling Technologies

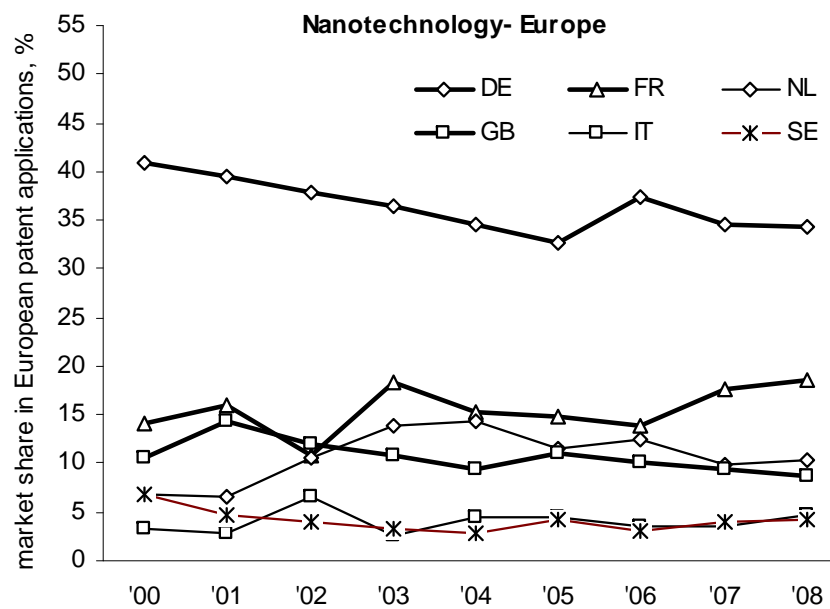
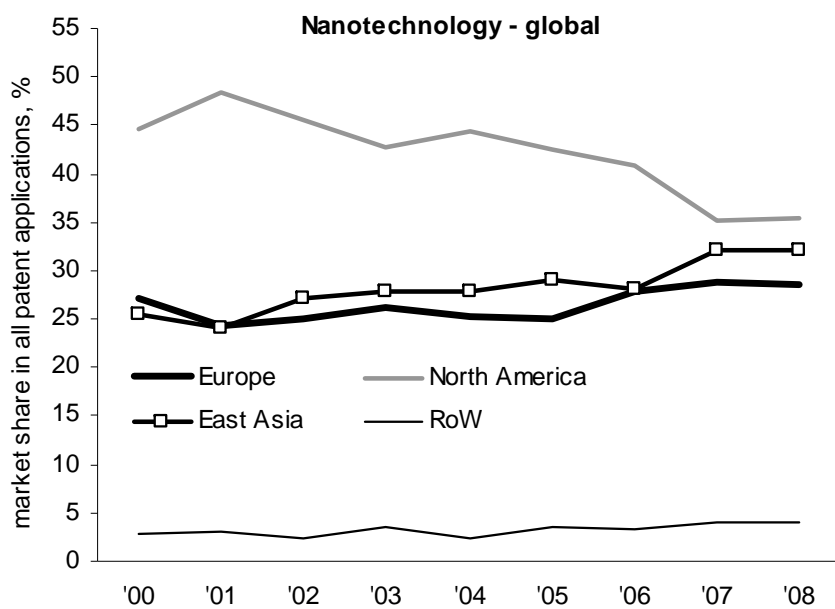
- Nanotechnology
- Micro/nanoelectronics
- Industrial biotechnology
- Photonics
- Advanced materials
- Advanced manufacturing technologies for other KETs



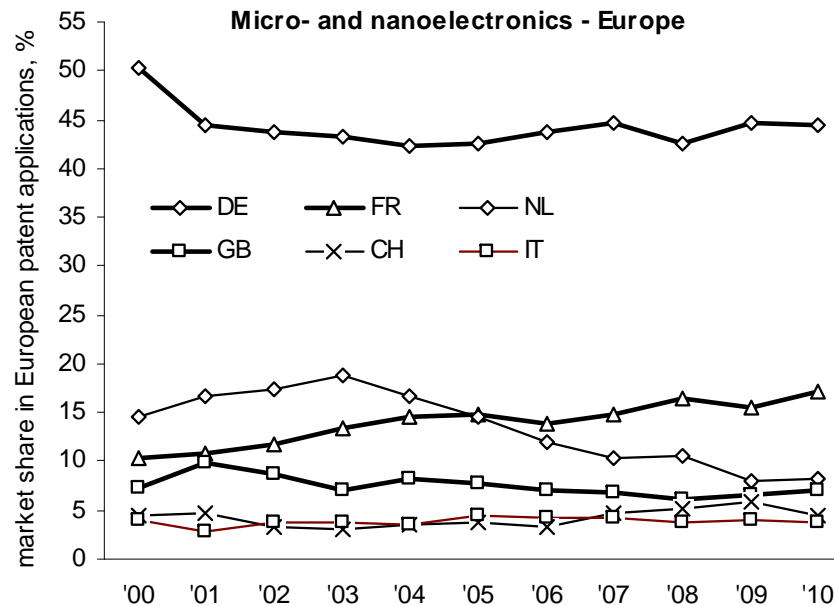
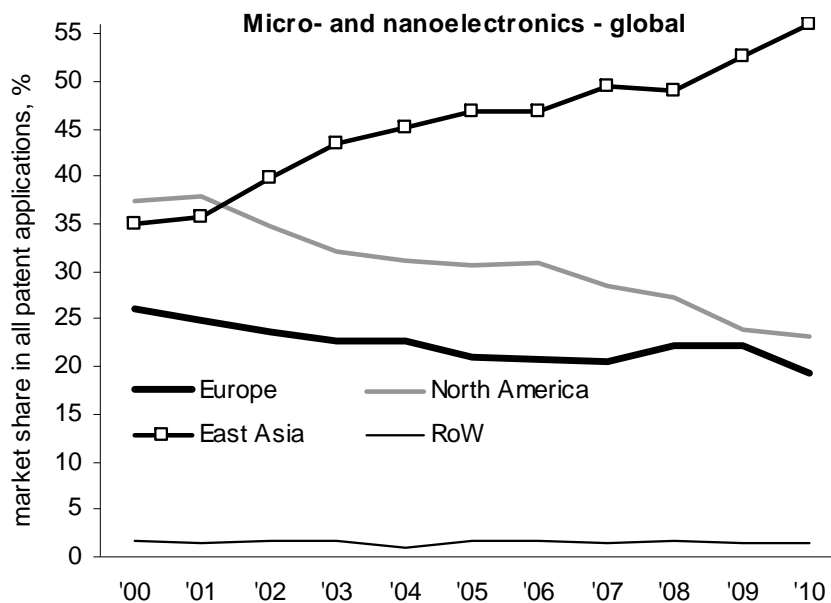
Patenting of KET innovations



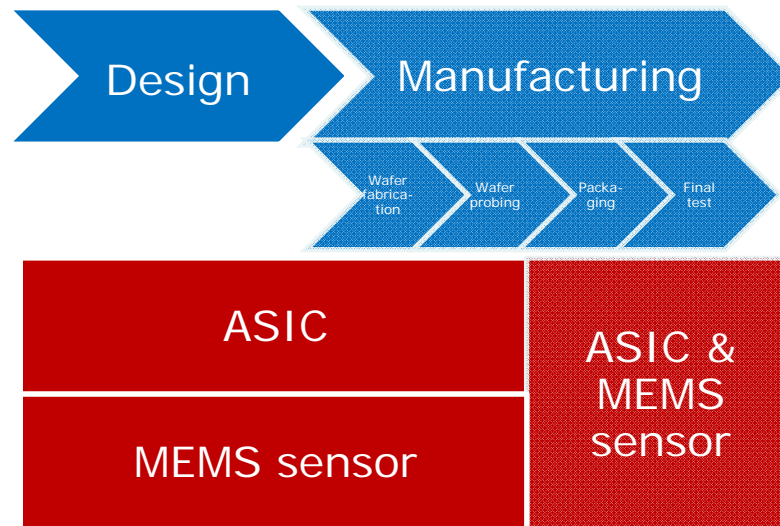
Nanotechnology patent applications



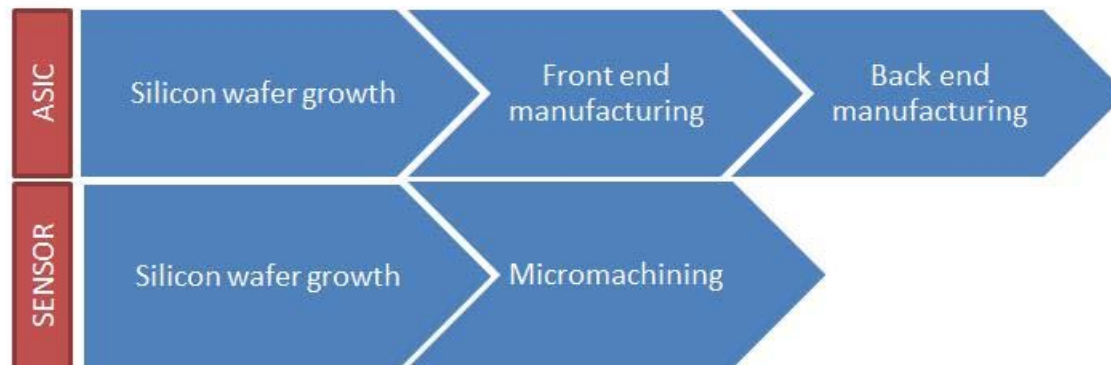
Micro/nanoelectronics patent applications



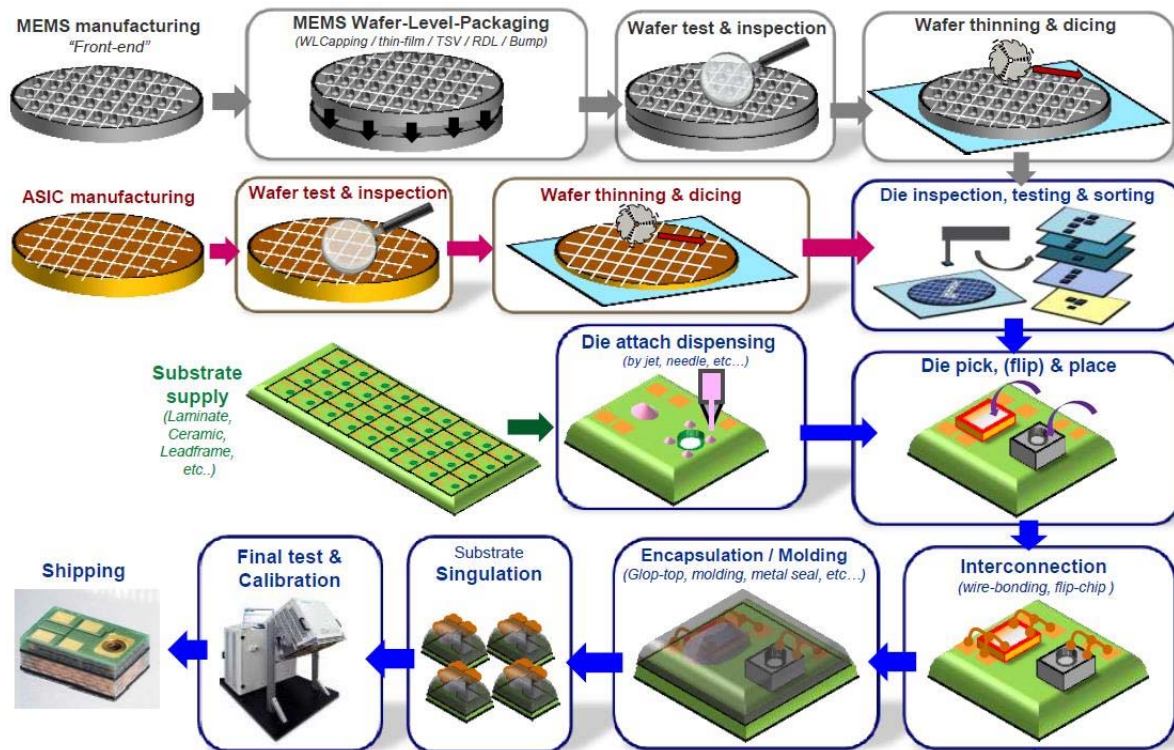
Value chain analysis: accelerometer



Wafer fabrication steps



From silicon to accelerometer



EU position in production of KET-based products

	Industrial biotechnology	Nano-technology	Micro-/nano-electronics	Photonics	Advanced Materials	AMT for other KETs
Technology content of exports	high and increasing	low, mostly decreasing	low and decreasing	high and increasing	high and increasing	high and increasing
Type of competition	mostly price competition, price advantage	price competition, mostly with price advantage	price competition, no price advantage	price competition, no price advantage	price competition, mostly with price advantage	mostly quality competition, quality advantage
Impact of patenting	moderate	low	high	low	low	high





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