

**Technology Industries
of Finland**



Statistics of the Nordic/Baltic Region from Mechanical Engineering Point of View

22.2.2018
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The Technology Industry – the Largest Export Sector in Finland



- **50 %** of total Finnish exports.
- Companies invest about **EUR 5.0 billion** annually in Finland.
- **70 %** of private-sector R&D investment.
- Some **300,000** employed directly in the sector, **700,000** employed in total, equalling about **30%** of the entire Finnish labour force.
- Technology Industries of Finland has over **1,600** member companies.



The Finnish Technology Industry Is Comprised of Five Sub-Sectors



ELECTRONICS AND ELECTROTECHNICAL INDUSTRY

- Data communications equipment, electrical machinery, medical technology
- Turnover (2017): 14.7 billion euros
- Personnel (2017): 39,000



METALS INDUSTRY

- Steel products, non-ferrous metals, castings, metallic minerals
- Turnover (2017): 10.9 billion euros
- Personnel (2017): 15,100



MECHANICAL ENGINEERING

- Machinery, metal products, vehicles
- Turnover (2017): 30 billion euros
- Personnel (2017): 128,000



INFORMATION TECHNOLOGY

- IT services, applications and programming
- Turnover (2017): 12.4 billion euros
- Personnel (2017): 62,600

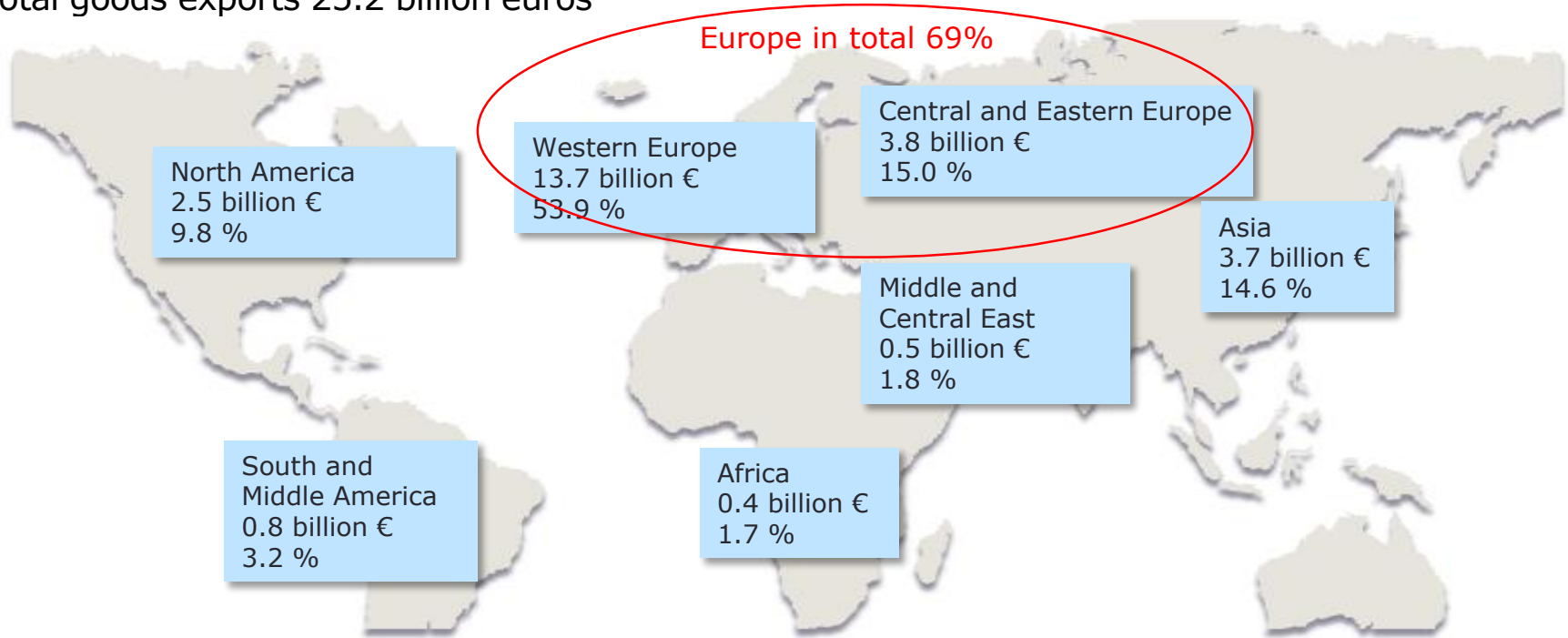


CONSULTING ENGINEERING

- Expertise for construction, industry and infrastructure
- Turnover (2017): 6.2 billion euros
- Personnel (2017): 52,500

Export of Technology Industry Goods from Finland by Area in 2016

Total goods exports 25.2 billion euros*

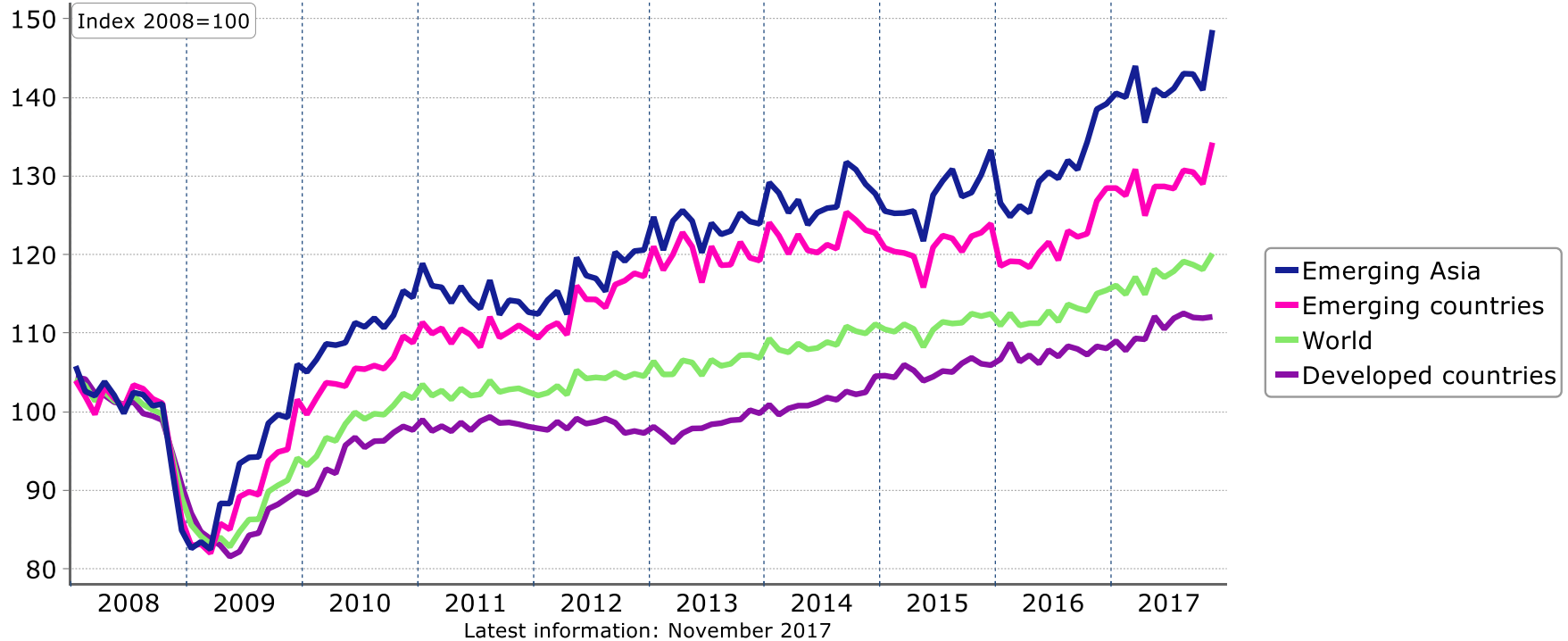




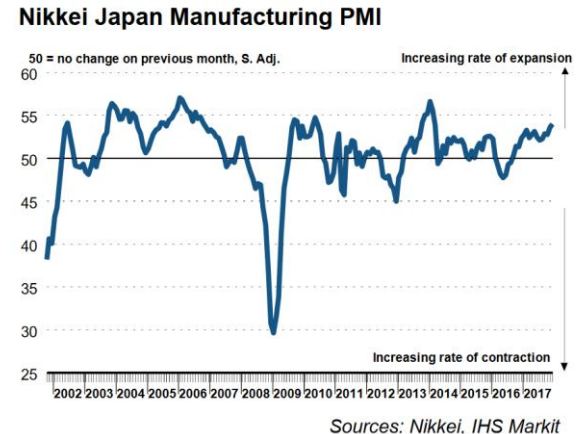
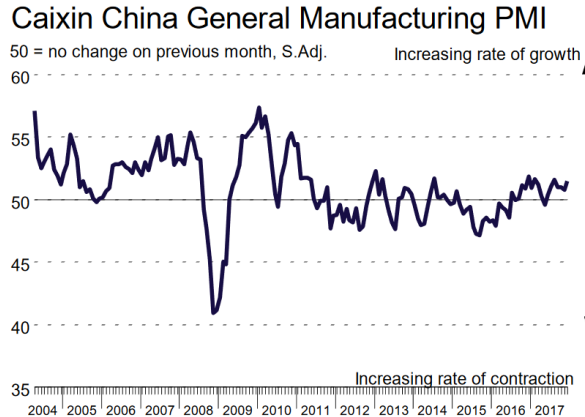
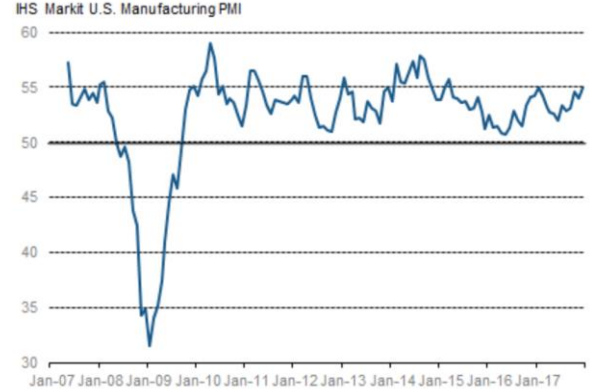
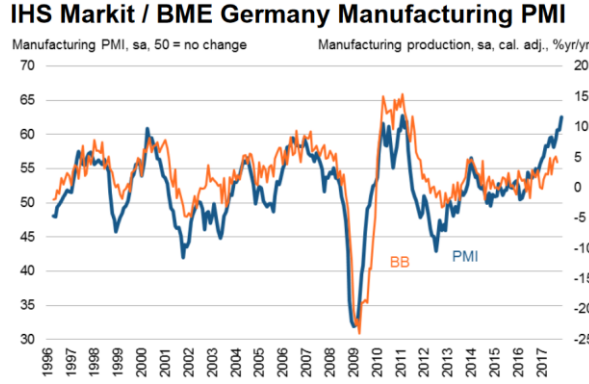
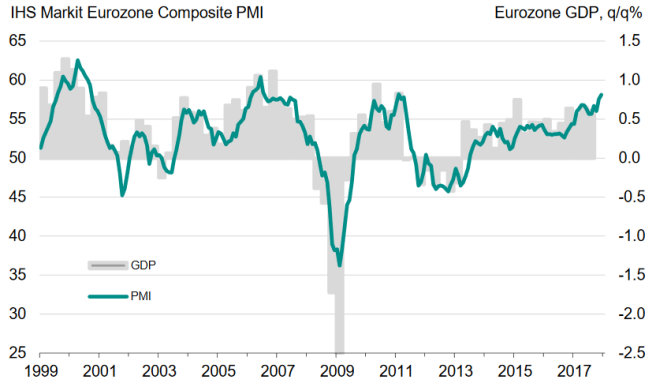
Global Economy is growing strongly

World Trade Has Picked up Again

Import volume development



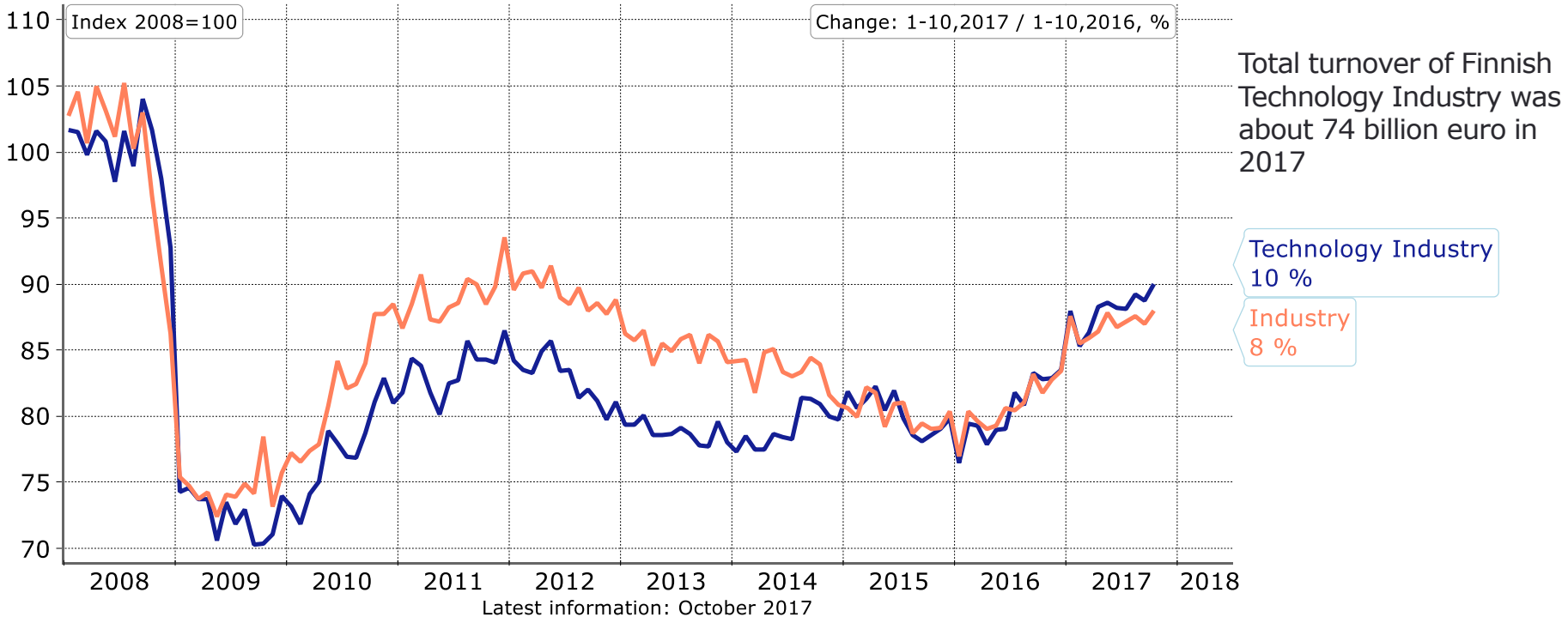
Purchasing Manager Indices Promises a Strong Development for near Future



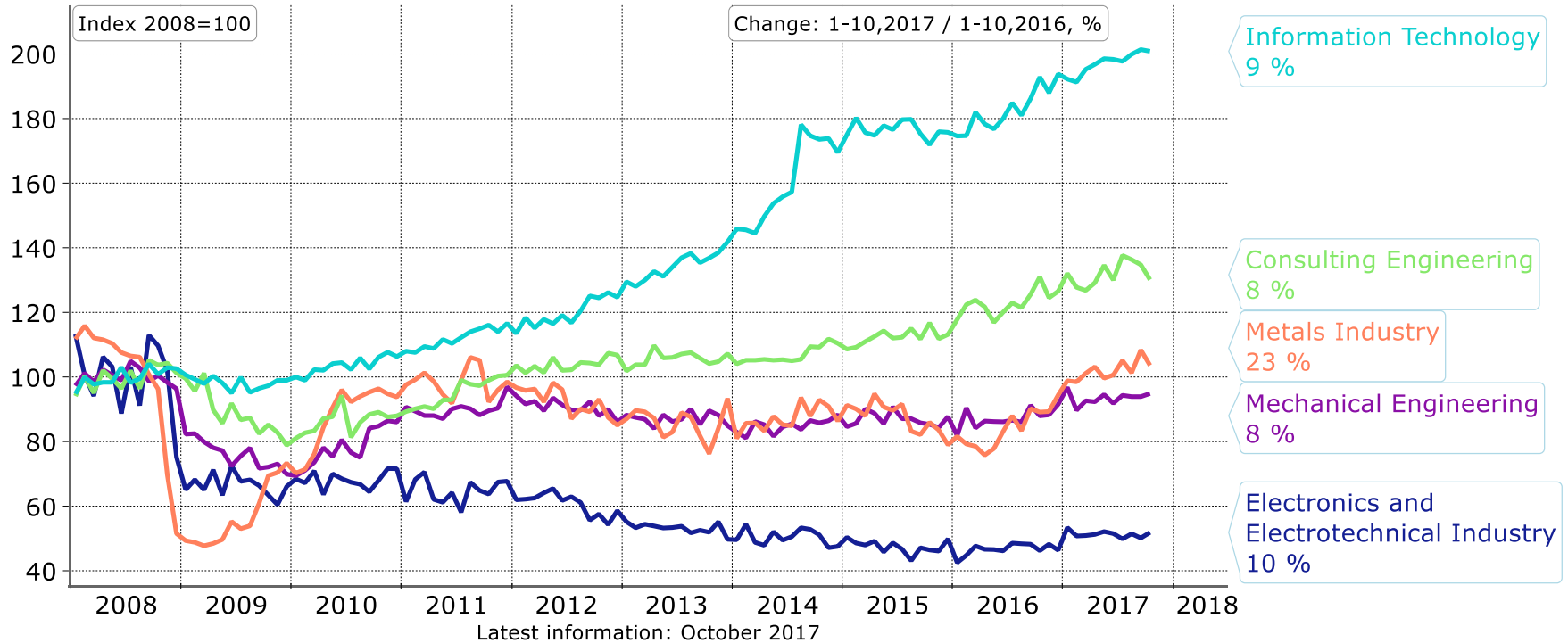


Mechanical Engineering Development in Finland

Turnover of the Industry and Technology Industry in Finland

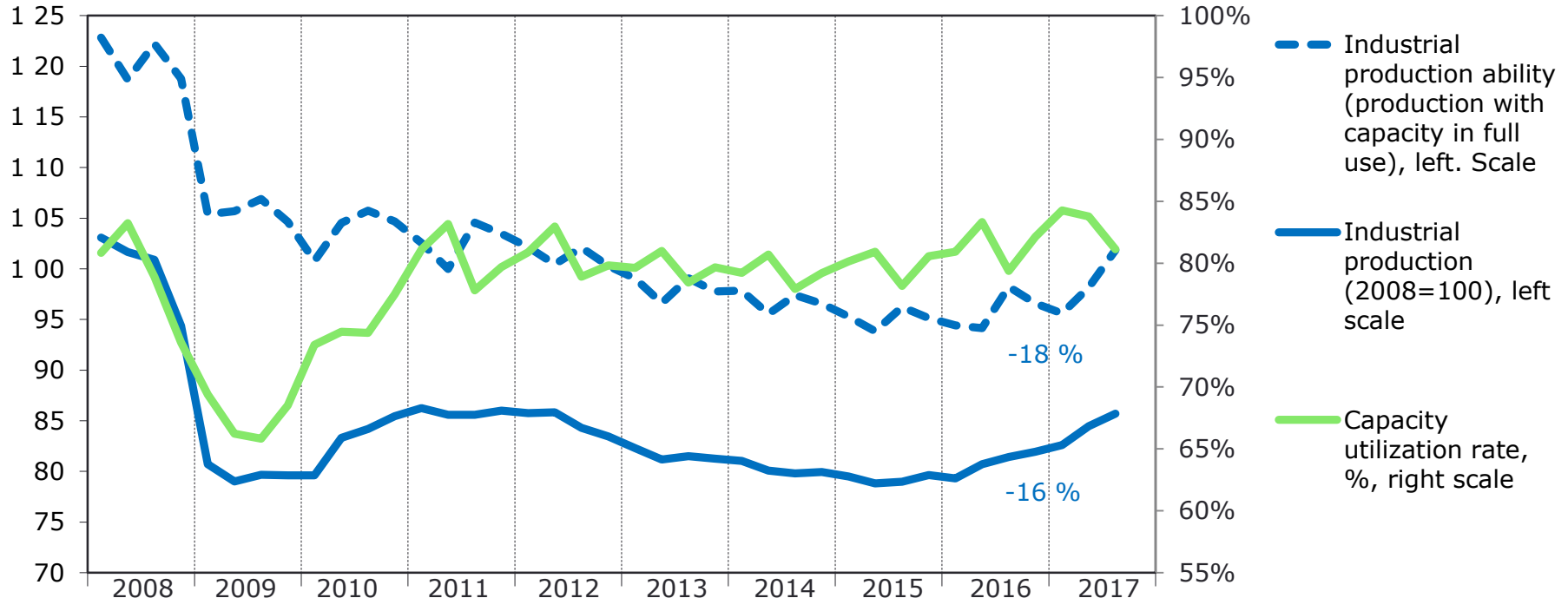


Turnover of the Technology Industry in Finland



Economic Growth is Constrained by the 20% Drop in Production Capacity and a High Rate of Utilization

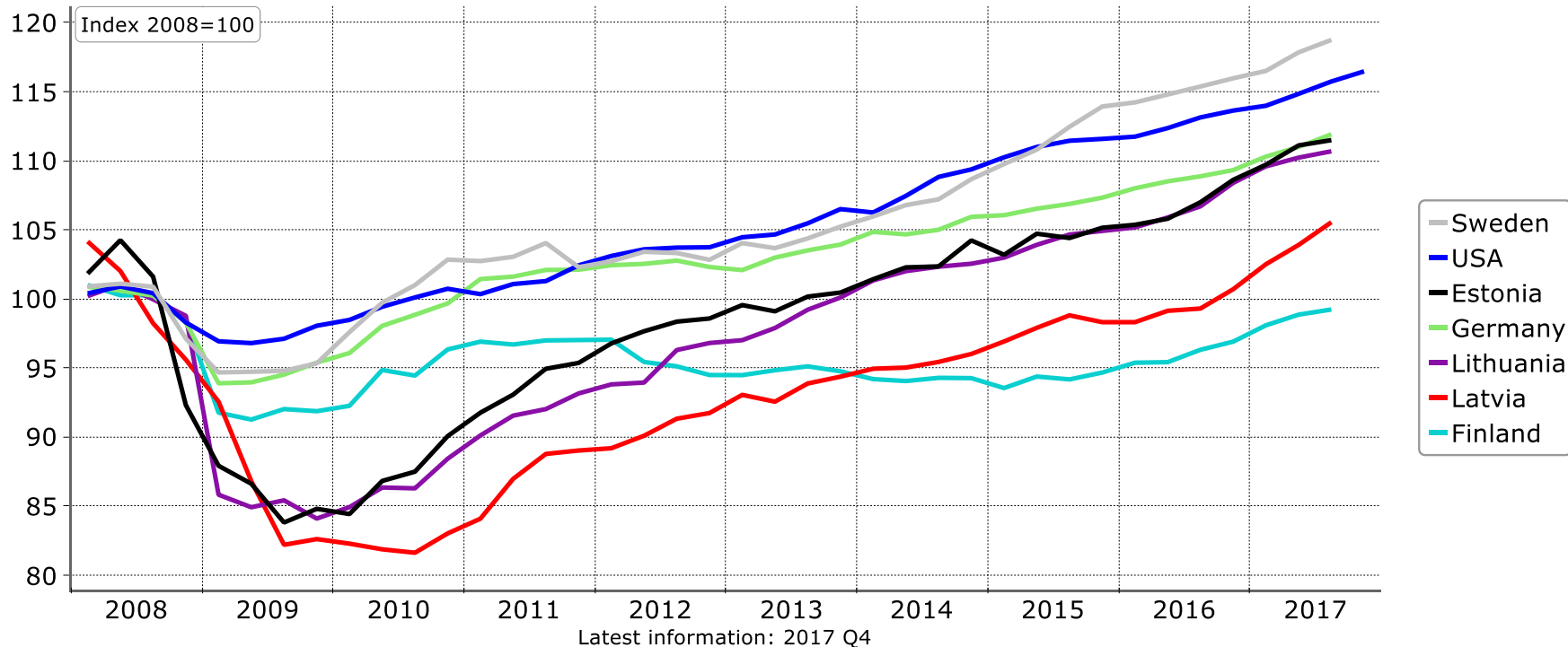
Investments are vital for the production and export recovery



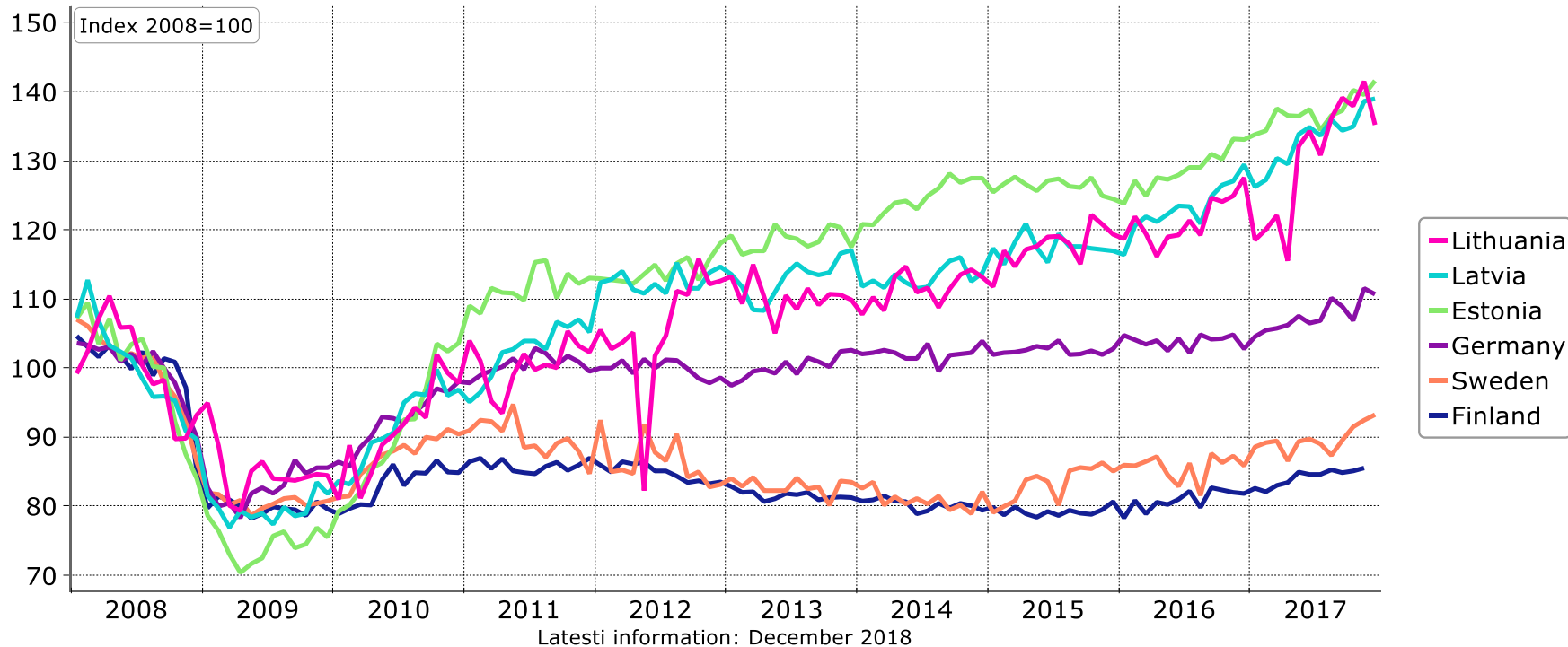


Economic Development in the Nordics/Baltics

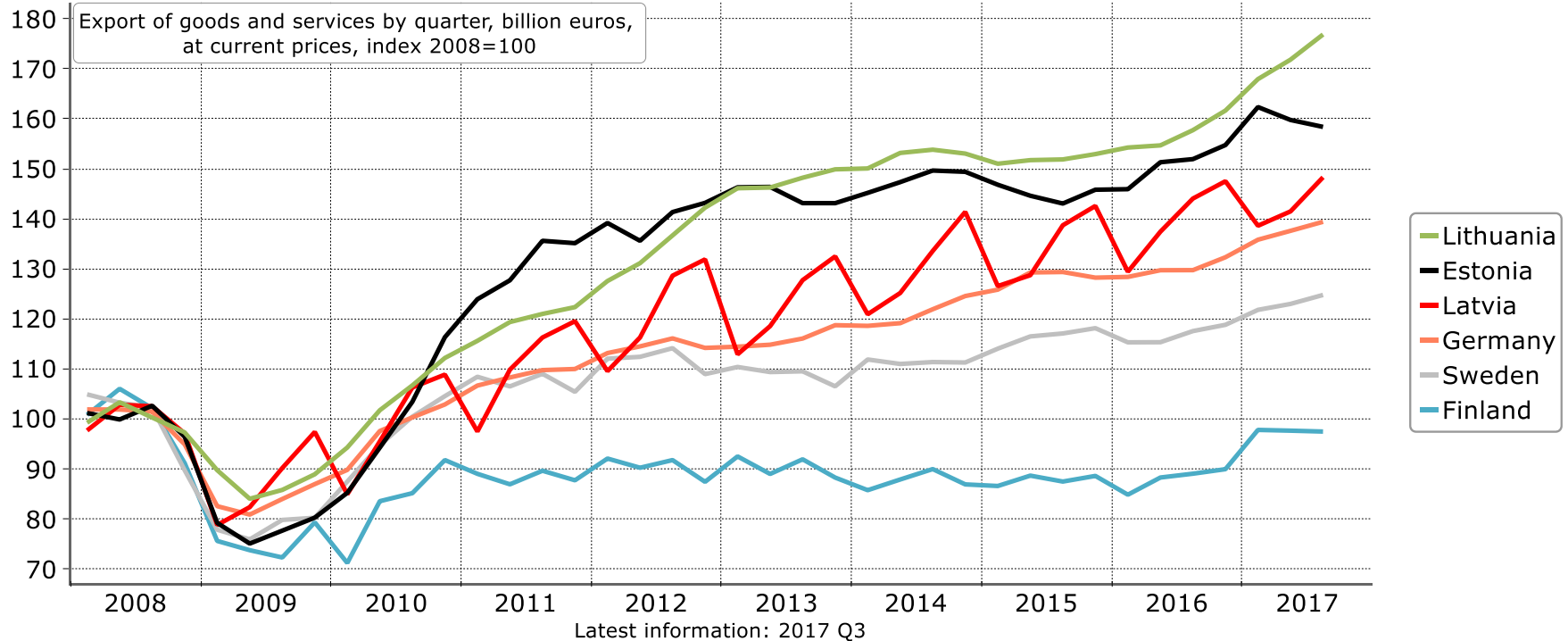
Strong growth in GDP throughout the Nordic/Baltic region - Finland also picking up



Strong growth in Industrial Production in the Baltics



Finland's Exports Have Lagged Behind Many Countries





The Nordic/Baltic region is a Large Market
- 1 400 billion euros (GDP)

The Nordic Countries Account for 9.4% of the EU Economy



GDP in euros	2000	2007	2016
Sweden	282	356	465 billion euros
Norway	186	293	336 billion euros
Denmark	178	233	277 billion euros
Finland	136	187	216 billion euros
Iceland	10	16	18 billion euros
Baltic countries	27	68	85 billion euros
Nordic countries	819	1 153	1 397 billion euros
EU28			14 855 billion euros

- The Nordic countries together account for 44% of Germany's economy, 59% of the UK economy, 63% of the French economy and 83% of the Italian economy.