

Lean Mean Manufacturing

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MAKE IT BRITAIN

The UK workforce creates 4% of the world's GDP and 6% of the world's exports, from a nation with 1% of the world's population

Why Lean Manufacturing?

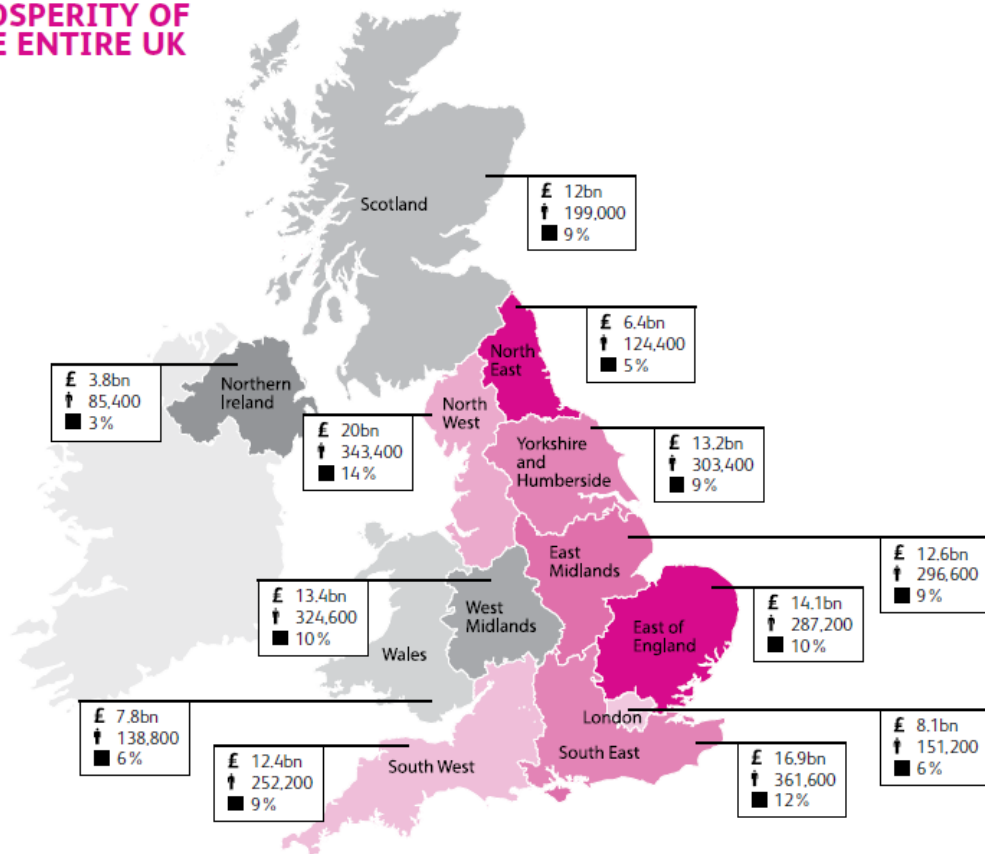
logical collection of practices, methodologies and tools, which will lead ANY Company to

GREATER COST REDUCTIONS and

EFFICIENCIES IMPROVEMENTS

Source: EEF

MANUFACTURING IS VITAL TO THE ECONOMIC PROSPERITY OF THE ENTIRE UK



KEY:
 £ MANUFACTURING OUTPUT (Ebn) 2011
 ↑ NO. EMPLOYED IN MANUFACTURING, 000s
 ■ % OF UK MANUFACTURING

Source: National Statistics

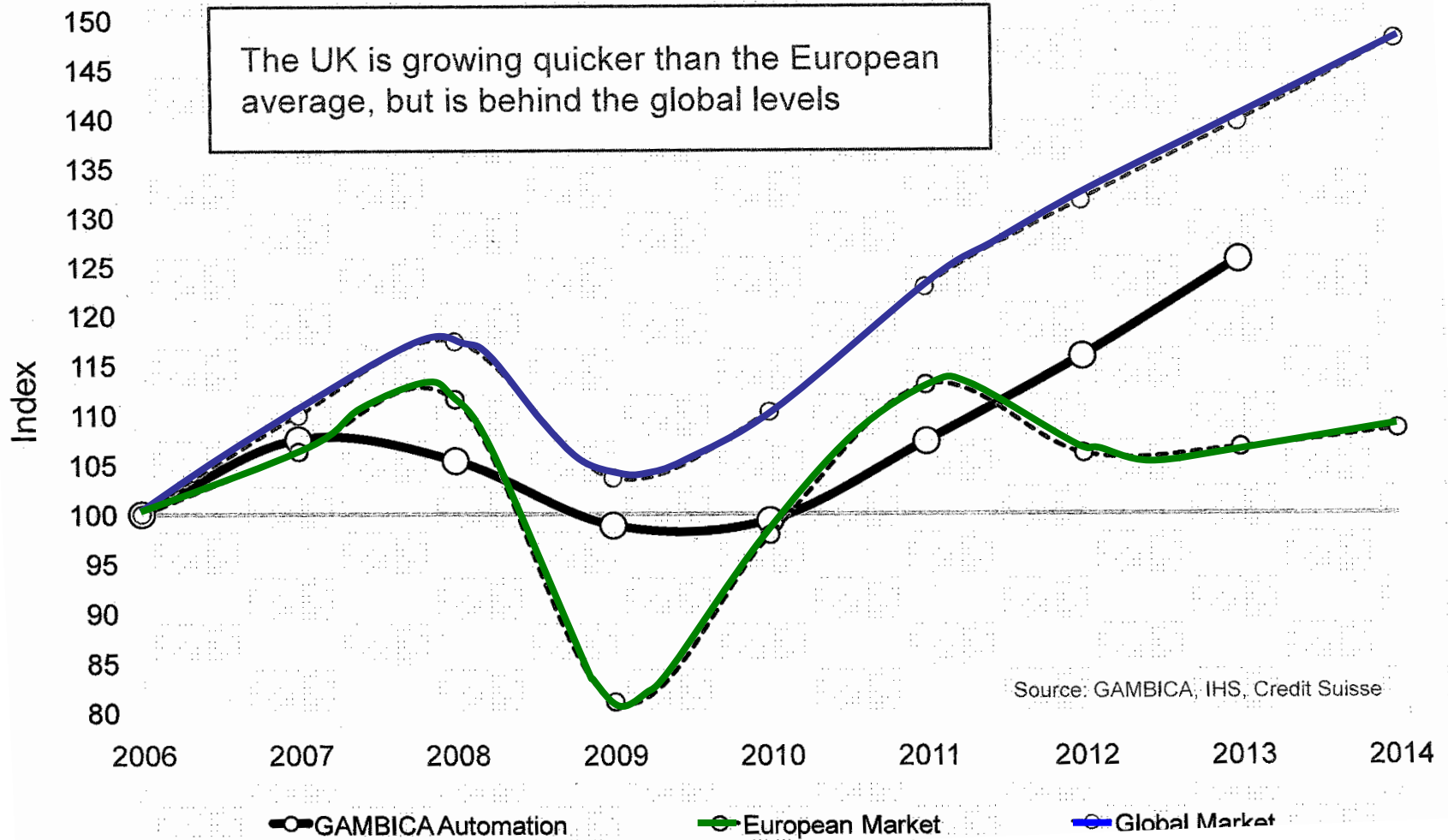
2.6 Million employees

11% of GVA

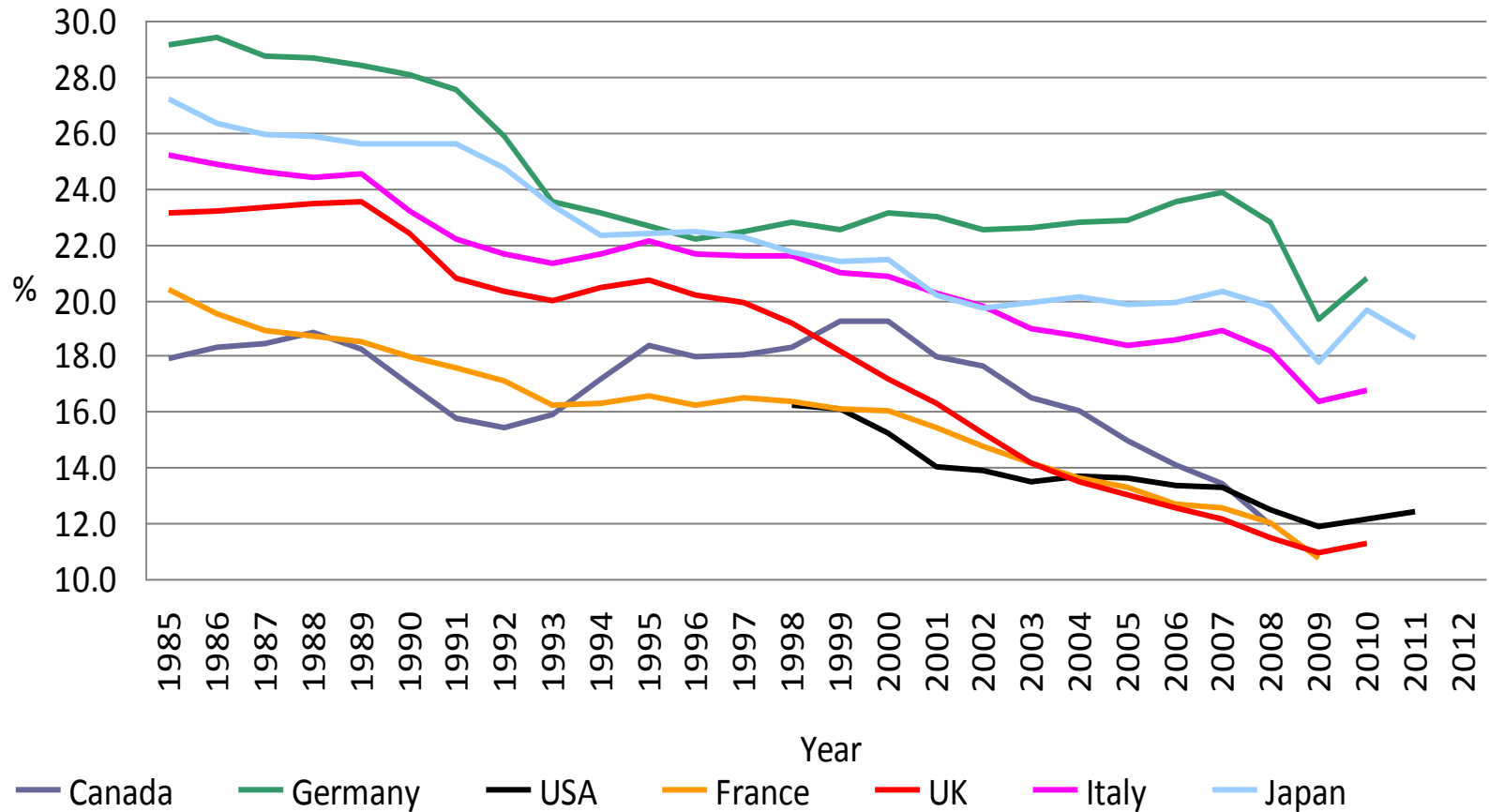
Half of UK exports

72% of business R&D

Average wages **higher** than rest of economy

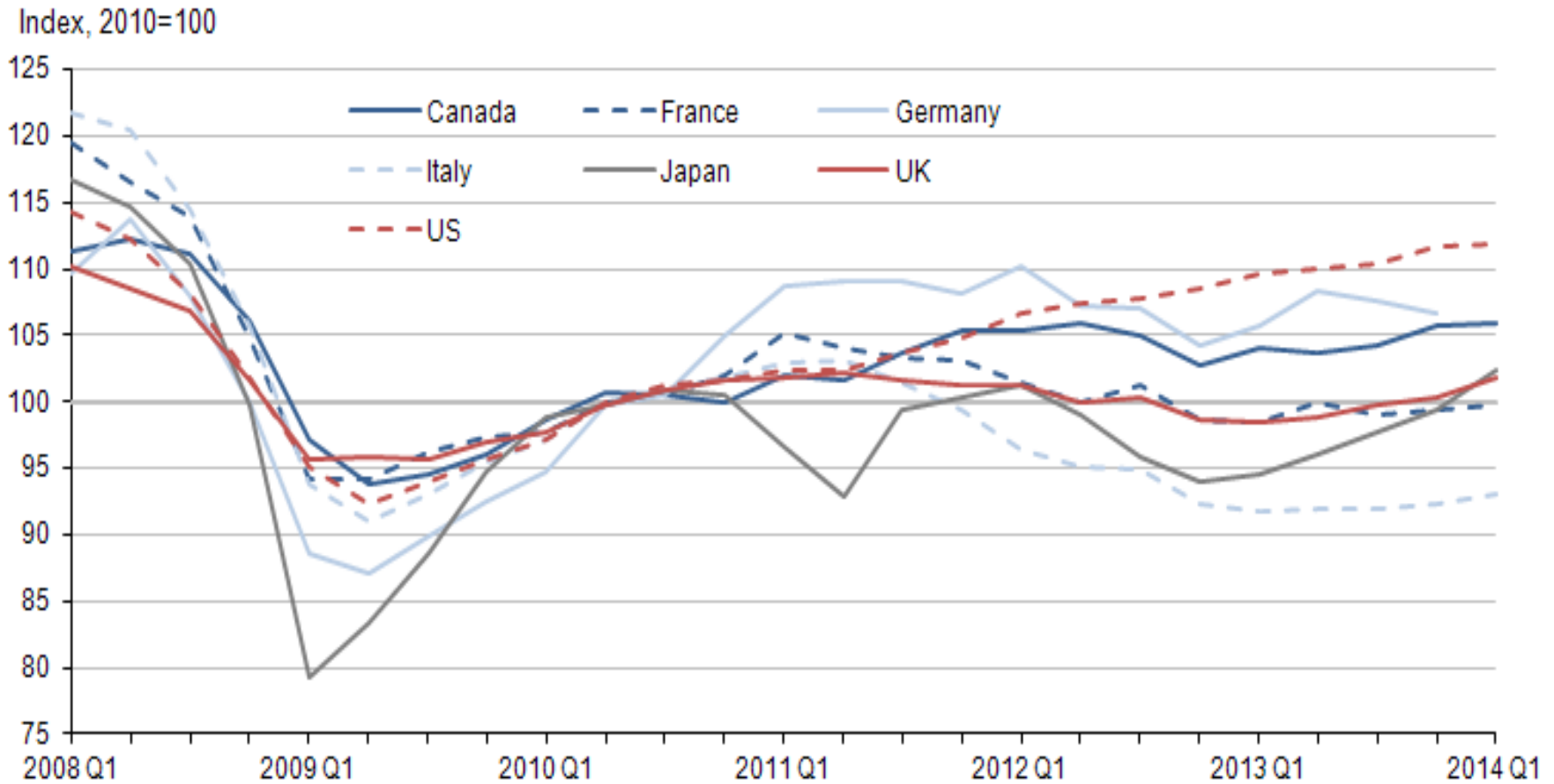


Manufacturing Value Added (% of GDP)



Source: World Bank

Quarterly International Manufacturing Output



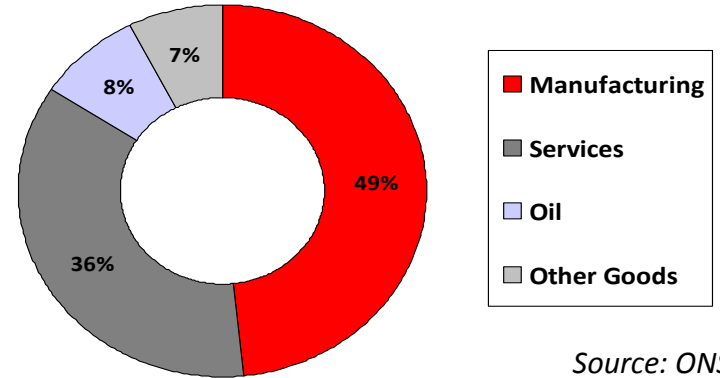
Source: OECD

THE UK IS PART OF AN INTEGRATED VALUE CHAIN



Total exports for the year to September 2013 were £501.7bn

Exports by Sector

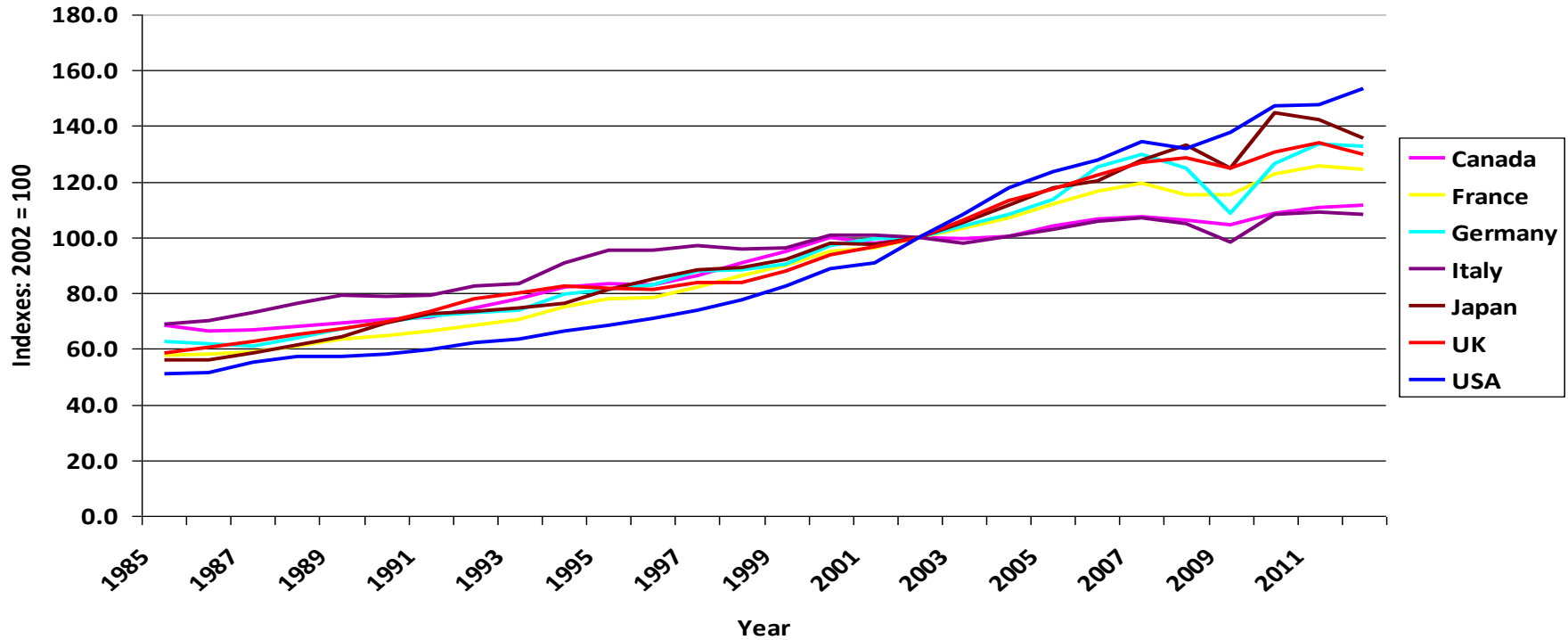


Source: ONS

Between 2010 & 2012, Uk sales of manufactured goods to;

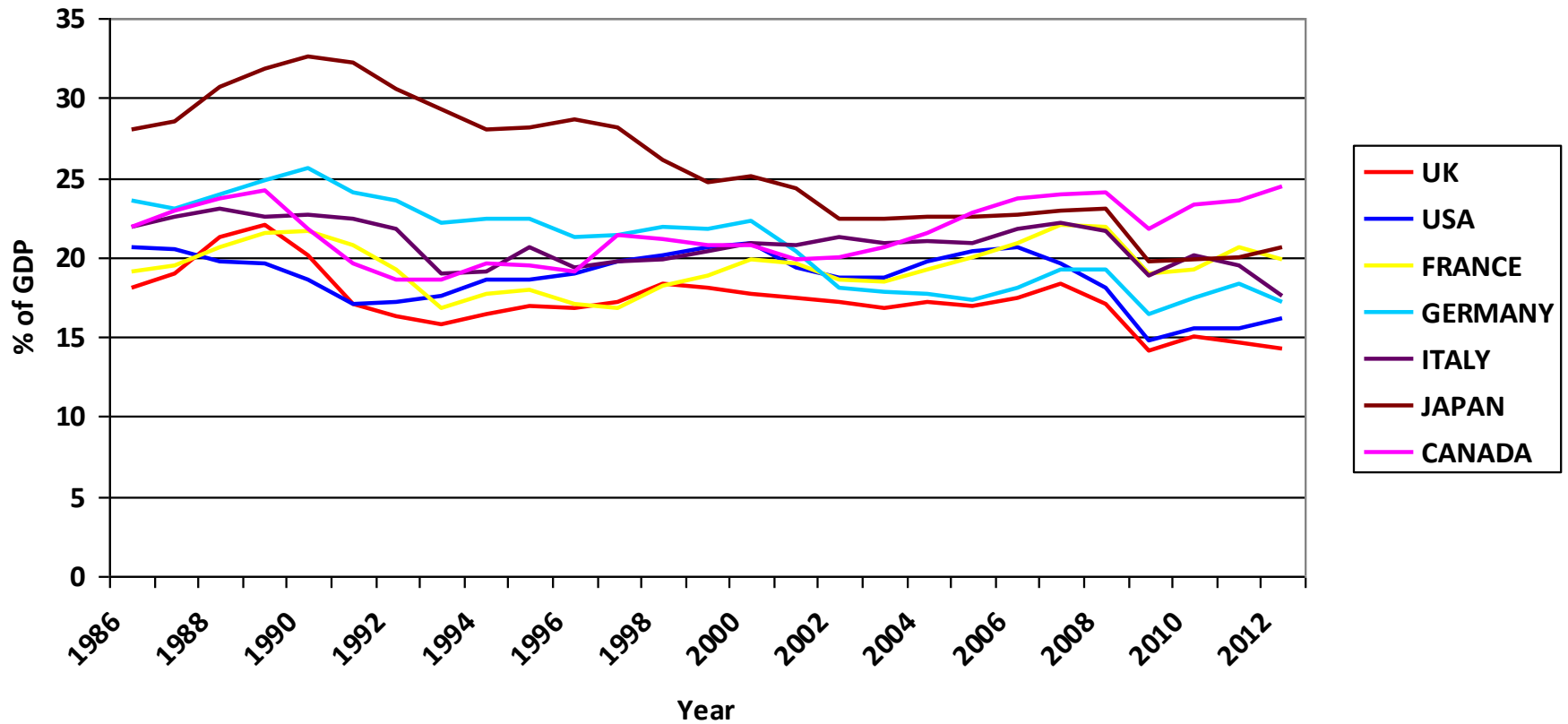
- China up 40%
- Brazil up 25%
- Russia up more than 60%
- Indonesia up more 50%

Output per hour in manufacturing



Source: The Conference Board, International Labour Comparisons program, December 2013

Total Investment (% of GDP)



Source: International Monetary Fund



- 1** Improving customer experience by strengthening the interface for the customer in all channels
- 2** Improving services and products and adapting them to customer needs
- 3** Reducing costs (fixed and variable)
- 4** Shortening cycle time and improving their efficiency
- 5** Measuring performance at real time

EFFICIENCY

SUSTAINABILITY

**GREATER
CUSTOMER
EXPERIENCE**

