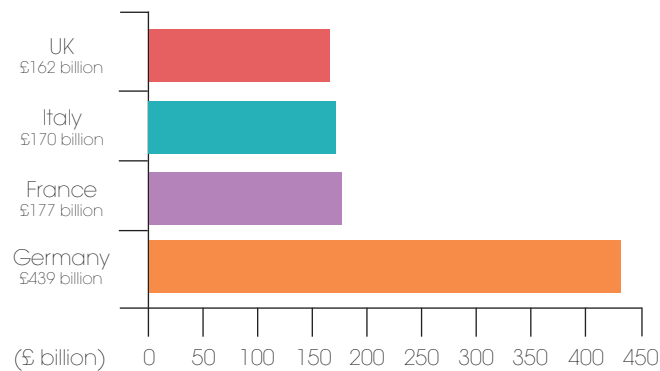


Comparison

German Manufacturing Industry is 2.7 times larger than the UK...

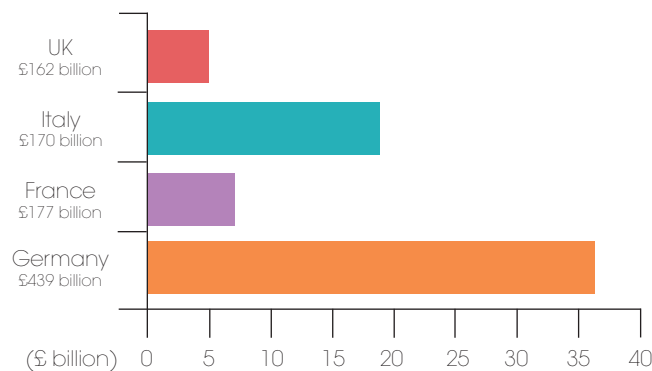
Manufacturing Output



Source: House of Commons Briefing Paper Number 05809

... However Germany invests 6.6 times more in automation than the UK

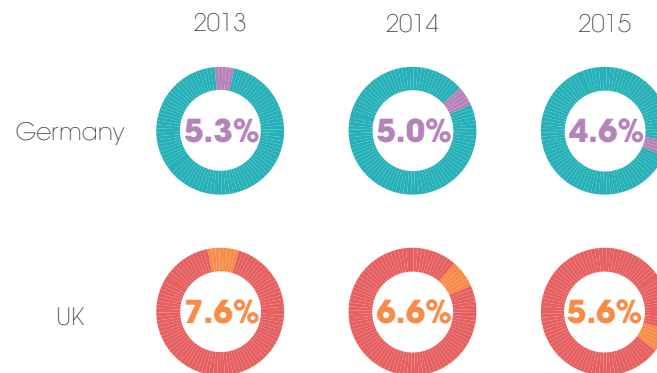
Index of Automation Investment



Source: GAMBICA

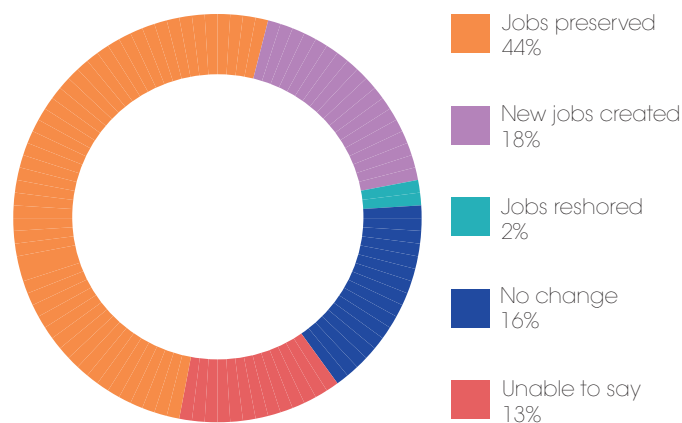
Result of investment

No negative impact on unemployment...



Source: Office for National Statistics / ZVEI

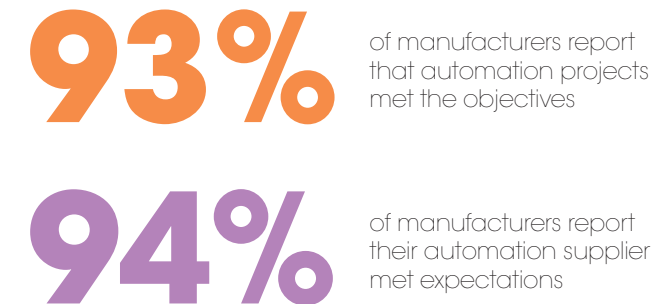
...backed up by UK manufacturer experience of automation



Source: The Manufacturer: Annual Manufacturing Report 2015

And in the UK?

UK Manufacturers have positive experiences with automation



Source: The Manufacturer: Annual Manufacturing Report 2015

UK has an opportunity for Industry 4.0 to increase manufacturing productivity but co-ordination between government and industry is needed to give the confidence for manufacturers to invest

We need from government...

- Clear industrial Policy
- A benign investment environment
- A stable policy environment over the long term
- Engagement with all stakeholders from SMEs to multi-nationals
- Engagement with pro-active industry bodies

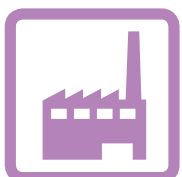
Investment

Germany plans to invest additionally in Industry 4.0...



€200m (£144m)

Planned investment by German Government by 2017



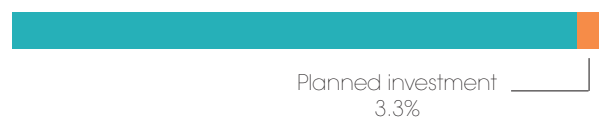
€40 billion (£29 billion)

Planned investment by German Industry per year by 2020

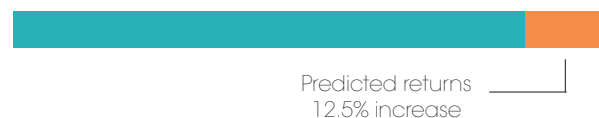
Source: European Commission & PWC

...with a significant return on the investment

Turnover



Revenue



Equivalent to a **£20 billion increase** in UK manufacturing earnings

Source: PWC: Opportunities and challenges of the industrial internet



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GAMBICA