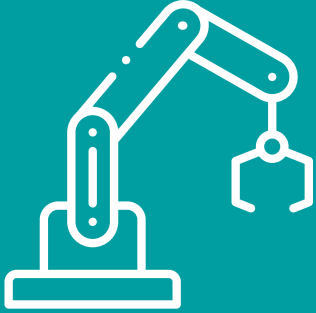


AUTOMATION AND AI IN WALES

UK GDP will be up to 10.3% higher in 2030 as a result of AI – the equivalent of an additional £232bn – making it one of the biggest commercial opportunities in today's fast-changing economy * (PwC).

Just 7% of people think automation will affect them. Yet, according to Future Advocacy 'the proportion of jobs at high risk of automation by the early 2030s varies from 22% to over 39%'.



In Wales Alyn and Deeside was ranked the most vulnerable area, with other strong manufacturing areas also featuring heavily.

The Welsh Government has commissioned a Digital Innovation review, led by Professor Phil Brown of Cardiff University, to look at these issues. Its final report is expected early in 2019.



WHAT THE WITNESS SAID



In Wales, the problem is that the vast majority, particularly of SMEs, are completely unengaged with the automation agenda. When we talk to businesses...this is just not on anybody's radar, and it's much the same in the public sector.

Professor Calvin Jones
Cardiff University



Most primary school children will end up in jobs that don't yet exist today. So, how do we start encouraging businesses to think about that kind of longer term planning and engagement with their communities?

Catherine Phillips
Business in the Community



FURTHER READING

- ◆ **The Future of employment**
Carl Benedikt Frey† and Michael A. Osborne
- ◆ **The Impact of AI in UK Constituencies: Where will automation hit hardest?**
Future Advocacy
- ◆ **The economic impact of artificial intelligence on the UK economy**
PWC
- ◆ **A Brave New World**
Business in the Community

WITNESSES TOLD US THE WELSH GOVERNMENT SHOULD:

- ◆ Ensure the education system supports life-long learning
- ◆ Harness the skills of World-leading experts based in Wales
- ◆ Develop a strategy to reap the benefits and minimise the risks from automation.



For more information about the Economy, Infrastructure and Skills Committee and its work on automation in Wales visit: www.assembly.wales/seneddeis