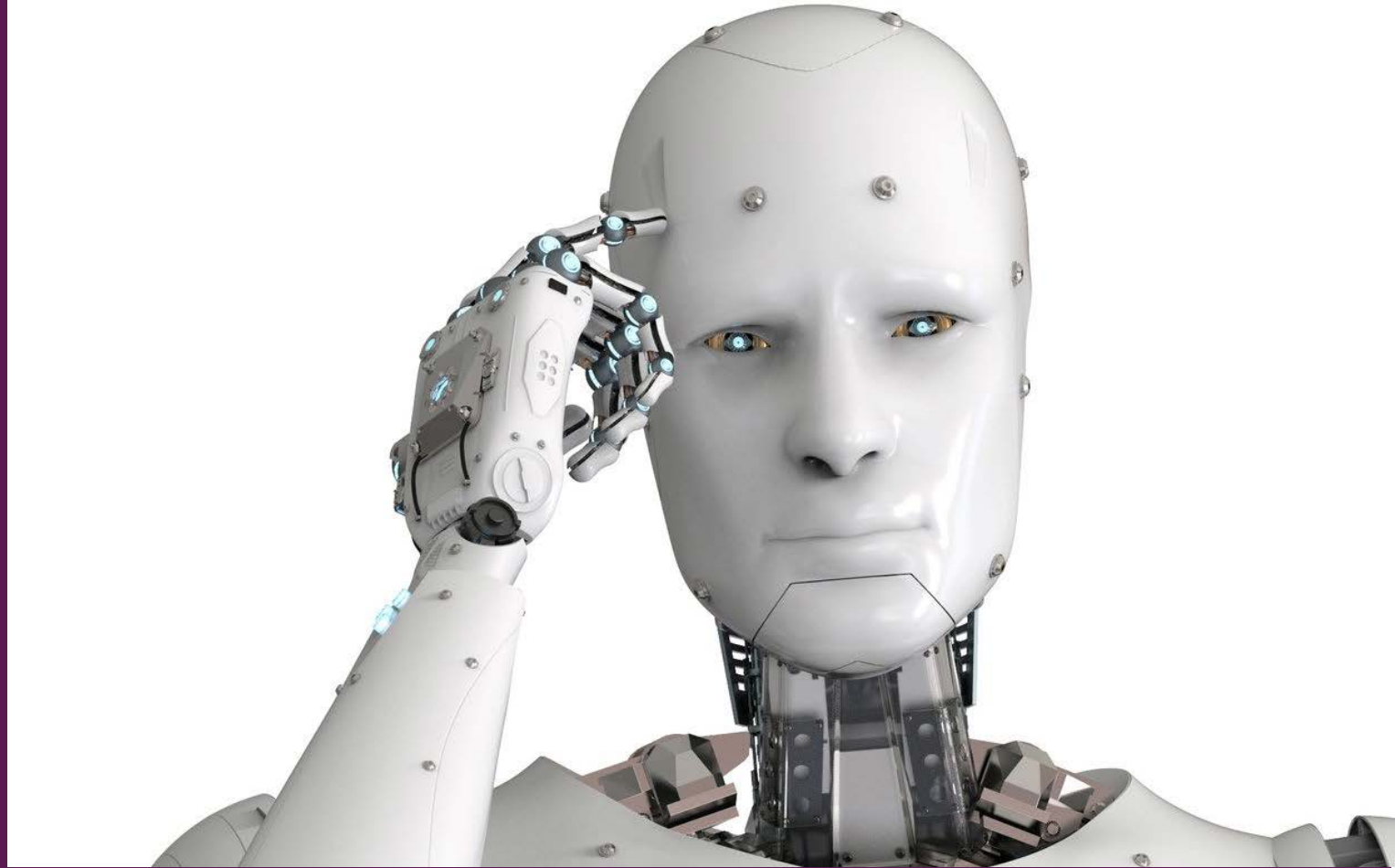
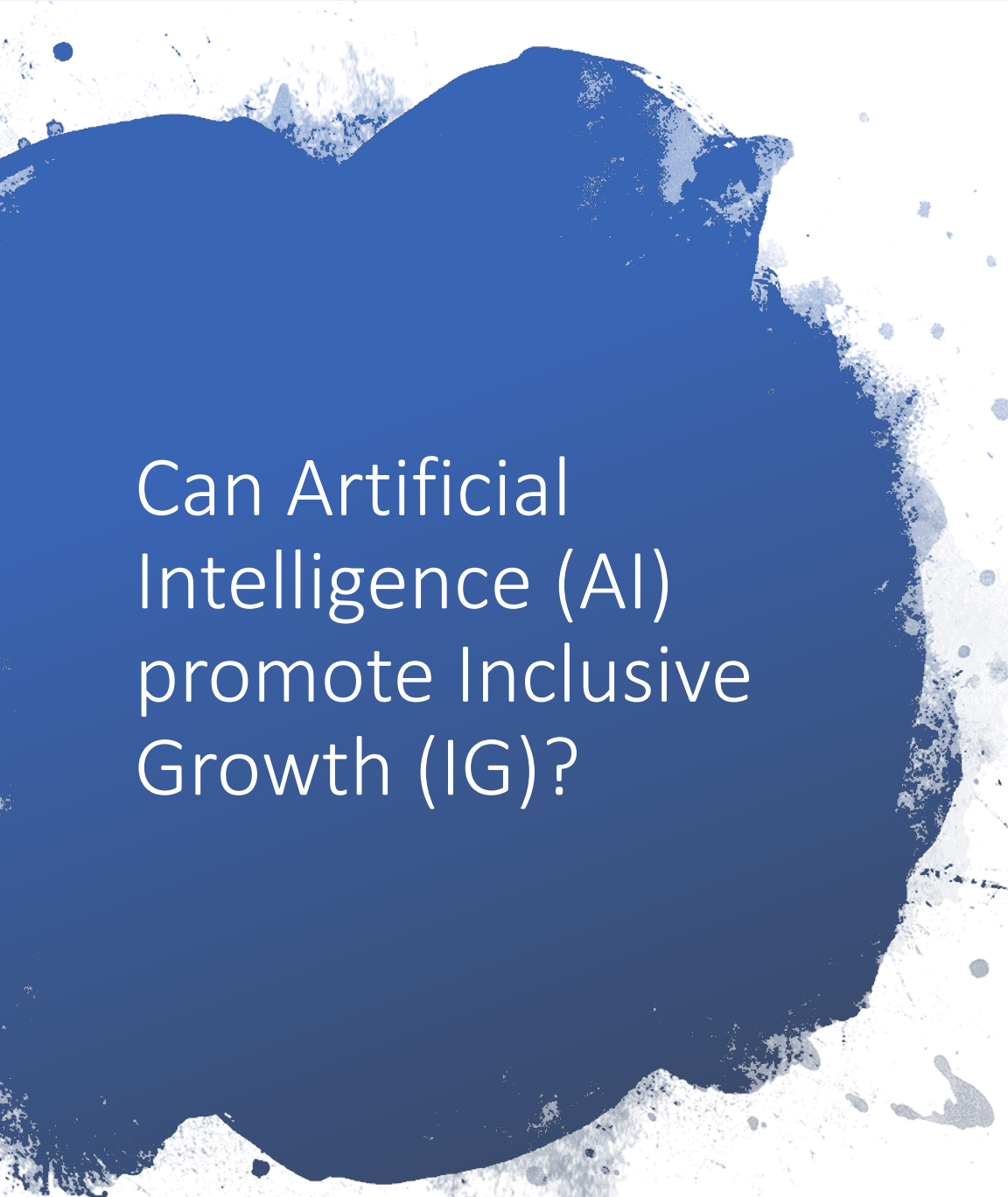


Northern Powerhouse
AI and IG Event
Feb 6th 2019

Jackie Davies and
Professor Mark Boyle



FRAMING A DEBATE

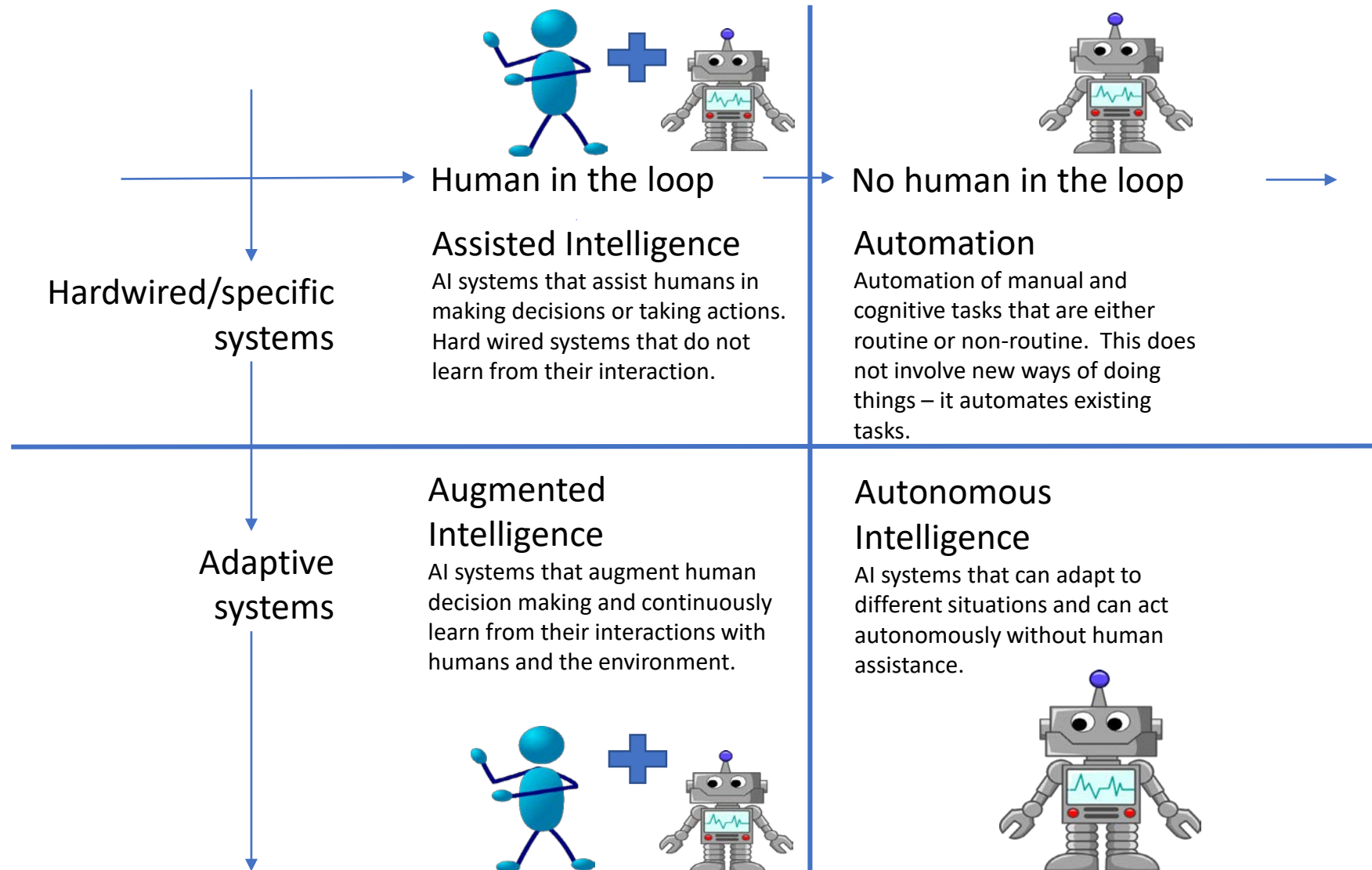


Can Artificial Intelligence (AI) promote Inclusive Growth (IG)?

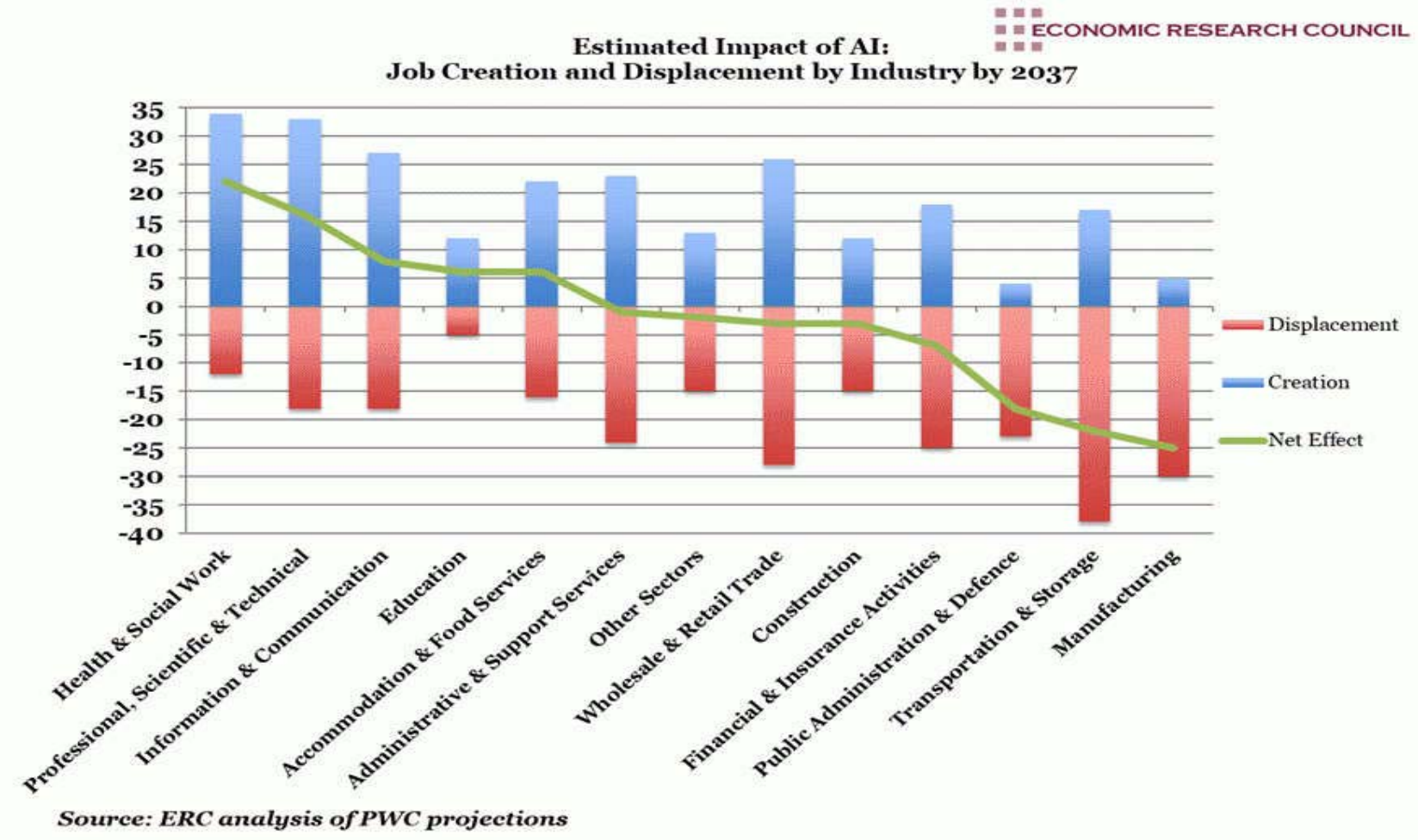
'Implemented in the right way, new machines could raise productivity levels, phase out mundane work, boost lagging living standards, and open up the space for more purposeful and human centric jobs to prevail. Equally, however, the onward march of technology could put downward pressure on wages, lead to greater monitoring in the workplace, and exacerbate economic, geographic and demographic inequalities. The point is that technology is a tool to be wielded by society, rather than an independent force with a mind of its own. Whether or not AI and robotics helps or hinders workers will come down to the choices we make as employers, policy makers, consumers and the wider public'

RSA (2017)

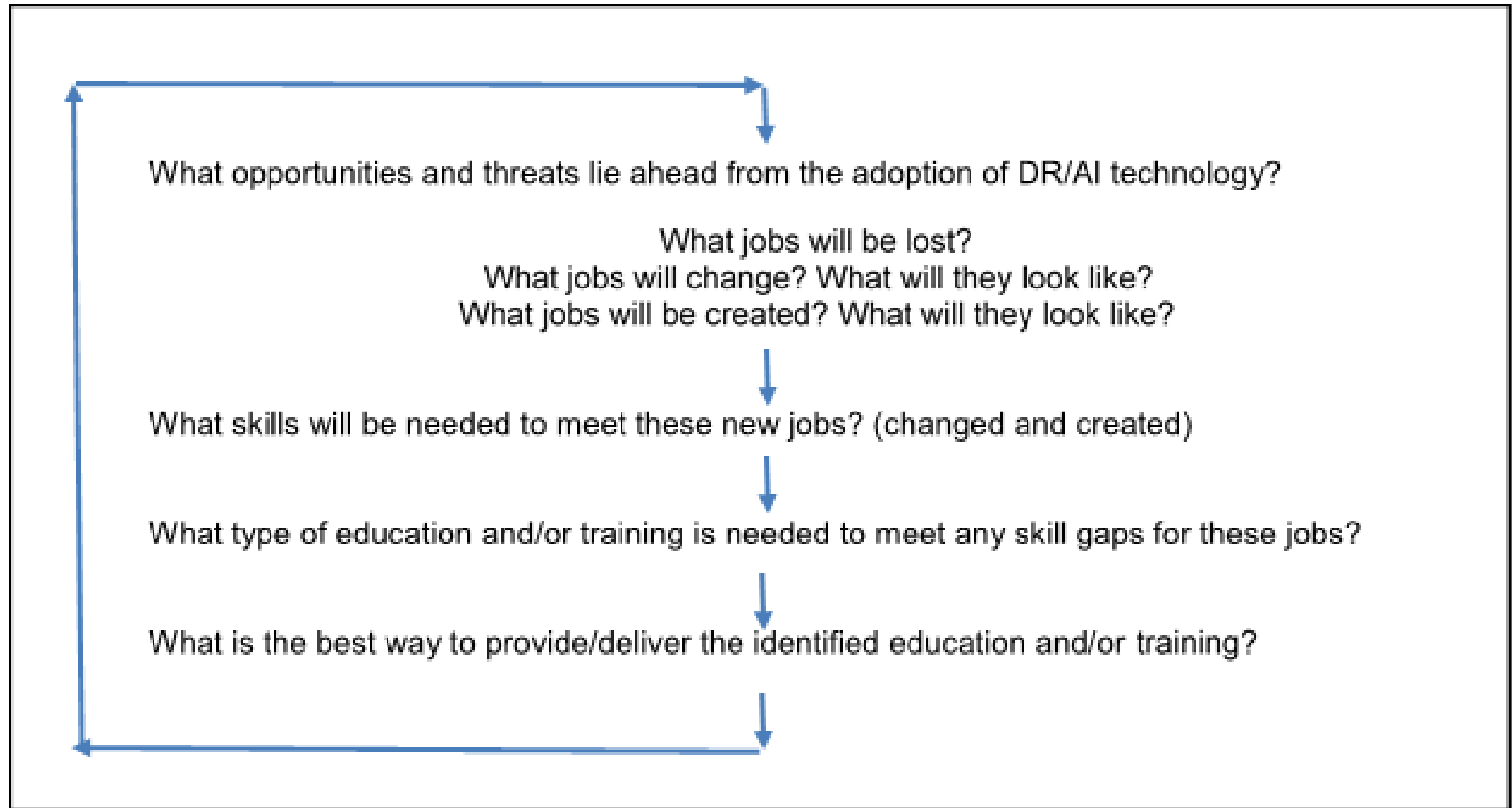
Exactly what kind of technology does AI embody and is the range of its potential applications widely enough appreciated?



What will be the impact of AI on job creation and displacement in different sectors and how do the affected sectors present in the Northern Powerhouse?



How might we understand the structure of the future world of work and what will a new generation of training and skills provision look like?



What forms of intervention will best enable the AI revolution to be dedicated to more progressive applications which serve the public good?

- **Develop an ethical framework to guide the behaviour of AI and robotics engineers**
- Encourage VCs and non-profits to invest in benevolent technology that enriches the worker experience
- Establish a Centre for AI and Robotics that encourages greater take-up of innovations among industry
- Create personal training accounts that aid lifelong learning and help workers as they jump from job to job
- **Shift the burden of taxation away from labour and towards capital**
- Draft a blueprint for a UK sovereign wealth fund that would give every citizen a 'technological inheritance'.