Asa Briggs Lecture
‘The Fifth Day’

Murrayfield Stadium,
Edinburgh
Monday, September 9th 2019
The role of Communication Technology applied to Education, Skills and Jobs

The Scale of the Challenge, the Opportunity and the Threat
Snapshot of the global labour market, 2018

Working-age population: 5.7 billion

- Employed: 3.3 billion
- Outside of extended labour force: 2.0 billion
- Potential labour force: 140 million
- Unemployed: 172 million

Source: International Labour Organization – Projection 2018
By 2030
50% of all current work could be automated

Source: Jobs Lost, Jobs Gained: Workforce transitions in a time of automation, McKinsey Global Institute, December 2017
By 2030, 50% of all current work could be automated. Up to 375 million displaced workers are likely to require new skills.

Source: Jobs Lost, Jobs Gained: Workforce transitions in a time of automation, McKinsey Global Institute, December 2017
Rising rate of automation

Source: Future of Jobs Survey, World Economic Forum, 2018
Many adults do not have the right skills for emerging jobs.

6 out of 10 adults lack basic ICT skills or have no computer experience.

Source: OECD Employment Outlook 2019: The Future of Work [OECD includes UK, Aus, NZ, Can, USA]
Hierarchies of work: Future mobility

- Top Management / Leader
- Management / Executive
- Supervisor / Specialist
- Operational
- Auxiliary
- Advanced Skills
54% of companies are set to reskill employees in ‘key roles’.

Only 33% are set to reskill employees ‘at risk’ of technological disruption.

“In other words, those most in need of reskilling and upskilling are least likely to receive such training.”

Source: Future of Jobs Survey, World Economic Forum, 2018
“No one’s got to grips with the required strategic planning for educational change in this context and there is a dire need for it.”

Rose Luckin

Professor of Learner-Centred Design –
University College London
In the future, the normal working week could be four days of ‘work’ and one day of study, training or re-training –

‘the fifth day’
“Those who tell the stories rule society.”

― Plato
$350 of simple technology creates rules, teams, and life chances!
Adapting to Change

0:51 secs

Making Ireland Click

Adapting to Change
Most economists will acknowledge that technological progress can cause some adjustment problems in the short run. What is rarely noted is that the short run can be a lifetime. And ultimately, the long run depends on policy choices made in the short run.

The Technology Trap, Capital, Labor, and Power in the Age of Automation
Carl Benedikt Frey
2019
“The biggest issue may be how to institutionalise retraining in mid-career and to integrate it with the social welfare system”

Mark Carney - Governor
”Any convincing answer to technological disruption lies not in trying to deny the future, ... but coming up with changes to education ... that might both protect people and allow them to make the most of huge change.”

John Harris, The Guardian, 22 July 2019
“A Country that fails to value its Teachers, fails to value its future.”
In India, demand for teachers will grow by 208% by mid 2020’s!

Source: Jobs Lost, Jobs Gained, McKinsey Global Institute, December 2017
Education in the developing world
Chancellors of the Open University
FutureLearn, the OU’s social learning platform:
• Over 8 million learners in over 230 territories
• 155 global partners, including 95 top universities
• Provides the platform for the Institute of Coding
Sir Ridley Scott – Filmmaker

4 Oscar Nominations
Over 100 film credits
Success Stories
Christine Omondi, a 55-year-old widow from Kenya, used the profits from her Lifelong Learning for Farmers (L3F) poultry project to start and run a successful Early Childhood Development Centre, a primary school and a Computer Training Centre for her community. She has been able to send her own children to school, as well as provide employment for teachers and support staff from her community.
‘Upskilling’ & digital literacy need to be fundamental human rights!

Source: COL In The Commonwealth 2015-2018: Country Reports, 2018
We have so much more to do!
PLAN FOR MITIGATE AGAINST OPTIMISE
Taking ambitious climate action could generate over 65 million new low-carbon jobs in 2030.

The jobs created in wind and solar PV alone are enough to replace the jobs lost in the fossil fuel industry across all occupation types.

- Uses data from nearly 645 million members to deliver personalized course recommendations.
- Companies in over 100 countries use LinkedIn Learning.
- 14,500 courses in 7 languages - adding 60 new courses every week.
- Over half of the top 100 Global Universities use LinkedIn Learning.

Source: Forbes; Microsoft Earnings Release FY19 Q4
106% Growth in paid learners since 2017

Source: 2019 Workplace Learning Report, Linkedin Learning. Figure relates to users of the LinkedIn Learning Platform only.
“Crafting sound lifelong learning systems ... should be key business imperatives, ... as well as an important contribution to society and social stability.”

*WEF, 2018*
“My feeling is that an energetic, skilled population deprived of its sense of usefulness would be an ideal setup for an American Hitler.”

Eric Hoffer, 1965