

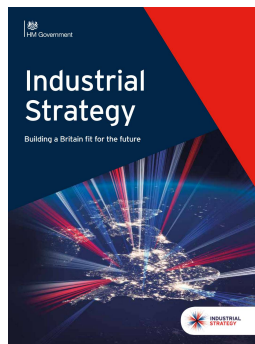
Green Skills: The Role of Apprenticeships and Technical Education

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THE UK'S CLIMATE CHANGE AMBITIONS

- The UK has set an emissions target of net-zero greenhouse gases by 2050 to tackle climate change – one of the most ambitious targets in the world
- IfATE is part of a cross-government initiative in its commitment to the new zero emission target which includes developing green skills
- Our work supports the delivery of the Green Jobs Taskforce report in July, The Ten Point Plan for Green Industrial Revolution and the BEIS Industrial Strategy – Building a Britain fit for the Future



UN CLIMATE CHANGE CONFERENCE UK 2021

IN PARTNERSHIP WITH ITALY

THE UK'S CLIMATE CHANGE AMBITIONS

Net zero, green recovery & the 10 Point Plan

- In 2019, the UK set a world leading target of reaching net zero emissions by 2050. This transition will transform our economy and require changes across our transport and energy systems, the way in which we construct and heat our buildings, industrial processes and our land, agriculture and food.
- The Prime Minister has set out our determination to build back better and greener from Covid-19 and announced our 10 Point Plan to tackle climate change and drive a green industrial revolution.
- It will mobilise £12 billion of government investment to support up to 250,000 highly-skilled green jobs in the UK, and spur over three times as much private sector investment by 2030.

The Ten Point Plan



Point 1
Advancing Offshore Wind



Point 2
Driving the Growth of Low Carbon Hydrogen



Point 3
Delivering New and Advanced Nuclear Power



Point 4
Accelerating the Shift to Zero Emission Vehicles



Point 5
Green Public Transport, Cycling and Walking



Point 6
Jet Zero and Green Ships



Point 7
Greener Buildings



Point 8
Investing in Carbon Capture, Usage and Storage



Point 9
Protecting Our Natural Environment



Point 10
Green Finance and Innovation

What are green apprenticeships?



An employer perspective



What is the Institute's role?

The Institute contributes to the Government's net zero ambition for 2 million new jobs by 2030 by supporting and influencing employers to create, endorse and engage with apprenticeships and technical education qualifications that are Green.

GREEN APPRENTICESHIP ADVISORY PANEL



- Focuses efforts to ensure the right skills are in place for the future workforce to deliver the green technology shift the UK needs.
- Advises on two main areas:
 - enhancing our current apprenticeships to ensure that they meet the needs of the employers within the growing green economy
 - creating new apprenticeship to reflect new occupations to meet the challenge to reach net-zero carbon
- Worked closely with the Green Jobs Taskforce set up by BEIS and DfE

GREEN APPRENTICESHIP ADVISORY COMMUNITY ('GAAC')

- Supports the GAAP and offers greater expertise on particular occupations.
- Shares insight with the GAAP and helps them shape their final recommendations.

Sustainability framework

A guide for trailblazer groups and route panels

Next steps

- Work with employers to implement GAAP recommendations.
- Consider how sustainability can be built into new and updated standards.
- T levels and other Technical Qualifications.



An apprentice's perspective:



Thank you for listening:

To find out more:

[Sustainability at the Institute / Institute for Apprenticeships and Technical Education](#)

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