

ALDERSGATE GROUP

Skills needs for green jobs in the UK

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Deputy Director

Who we are

- Founded in 2006
- A broad coalition of businesses, NGOs, professional bodies, MPs and others
- Put forward case that high environmental standards are vital to future economic growth and competitiveness
- Engage actively with government and other key decision makers

Our members

ACCA

Biffa

BT



DINAH
NICHOLS

Drivers Jonas Deloitte.

eftec



GREG
BARKER MP

ice
Institution of Civil Engineers



iema
The premier membership body
for environmental professionals

JOHN
EDMONDS

JM
Johnson Matthey

LORD
WHITTY

Martin
Horwood MP

MICHAEL
MEACHER MP



nationalgrid
The power of action.

Pamela
Castle OBE



PETER
JONES OBE



SIR JOHN
HARMAN

SpeechlyBircham

sustain



UK skill needs for green jobs

Policy Framework:

- Low Carbon Transition Plan: 18% CO2 reductions & 30% electricity from renewables (currently around 5%) by 2020
- Low Carbon Industrial Strategy: strategic intervention in priority sectors leading to UK jobs (400,000 by 2015?) & competitive advantage
- Skills for Growth: activist approach to stimulating skills solutions



Skill gaps – barrier to progress

- One in three firms in environmental sector hampered by a shortage of skilled staff, science, tech, engineering, and maths (STEM).
- Latent demand for env skills – needs are not being clearly articulated by employers
- More general skills - communication, leadership and management skills to drive culture change
- High proportion of workforce in 2020 already in work & ageing workforce (retire 10 – 15 years)
- “No regrets” policy – not only needed for low carbon economy



Low carbon energy

- Offshore wind – 70,000 new UK jobs by 2020?
- Nuclear – need to recruit 9000 graduates & 4500 skilled trades over next 10 years (immigration in the short term)
- CCS – no investment in a new coal fired power station for a generation. Need practical experience of real demonstration projects.



Enhanced skills strategy

- Investment in training
- Reform skills delivery system - greater leadership from UK CES (Skills funding agency – uncertainty with new gov)
- Drive demand for environmental skills – corporate and public procurement
- Communication strategy – defining “green jobs” and ensuring just transition



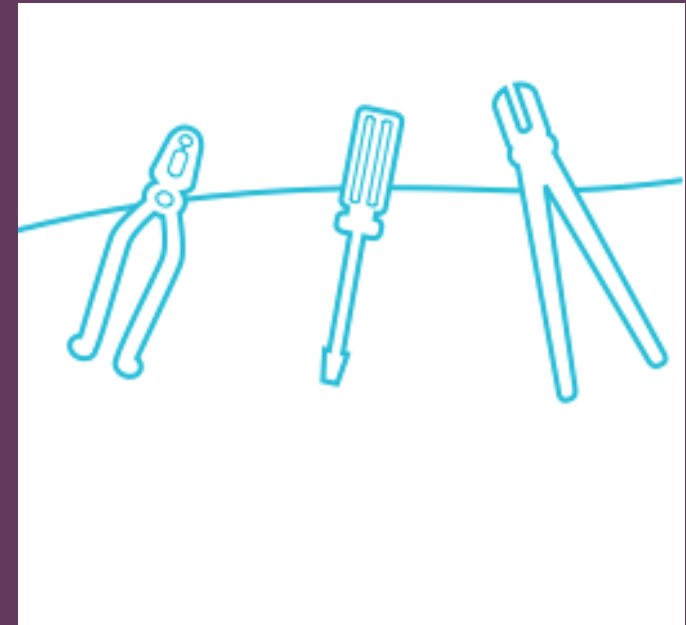
Enhanced skills strategy

- Overall: support for skills and training matches the ambition of environmental policies
- Each new policy should incorporate a skills component – e.g. investment in offshore wind / CRC energy efficiency scheme



Who pays the price?

- National economies losing out on the economic benefits of the low carbon transition
- Job losses in high carbon industries not offset by the creation of new ones
- Failure to meet targets



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