

Building Services Engineering

Environmental Skills for a Profitable Future



GREEN SKILLS FOR A GREEN FUTURE
BUILDING SERVICES ENGINEERING

Summit^{SKILLS}

SummitSkills – who are we?

We are the Sector Skills Council for building services engineering

We work for employers across the following industries:
Plumbing, heating & ventilation, electrotechnical, refrigeration & air conditioning, consultancy

SummitSkills

We lobby for change in skills and training structures to ensure employers are equipped with the right skills at the right levels

We are spearheading the skills & training agenda for environmental technologies

What environmental technologies do we cover?



Biofuels

Combined heat & power

Heat pumps



Mechanical heat recovery ventilation

Micro hydro generation systems

Micro wind energy



Solar photovoltaics

Solar water heating

Water harvesting & recycling

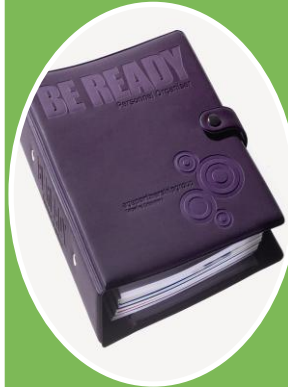
The challenges for the sector



Potentially a minimum of 60% of the sector's workforce will need to be trained to meet future demand



Our sector is playing a major role in meeting Government carbon reduction targets



Future changes to building regulations and standards



Feed-in tariffs introduced in April 2010 - homeowners could benefit financially from small scale, low-carbon electricity generation



The Renewable Heat Incentive, due in Spring 2011, will provide financial incentives to generators of renewable heat



Future low to zero carbon targets for new homes



The opportunities for your organisation

For those willing to upskill for environmental technologies the potential commercial gains are immense

Some parts of the UK have already seen significant demand for, but lack of skills in, environmental technologies

Businesses that have upskilled their staff to work in environmental technologies have already seen significant commercial benefits

Homeowners are becoming increasingly aware of the need to make their homes more efficient – upskilling keeps you ahead of the game

By upskilling your organisation could gain considerable advantage over your competitors



What has SummitSkills achieved so far?



created a strategy for addressing environmental skills needs



identified labour market intelligence and up-skilling requirements for each environmental technology system by nation and region



developed new National Occupational Standards (NOS) in environmental technology systems



identified skills requirements for employers to assess training needs - to be introduced from September 2010 in each of the UK four nations



How is SummitSkills preparing for the future?

**National Skills
Academy for
Environmental
Technologies
April 2011**

**Working with
awarding bodies
to develop new
qualifications
from the new
environmental
NOS**

**Integrating
environmental
technology
systems into
apprenticeship
frameworks &
CPD units**

**Negotiating
funding support
for employers
across the UK**

How is SummitSkills preparing for the future?

ensuring qualifications are compatible with industry schemes (where appropriate) such as MCS (or equivalent) and competent persons schemes

working with partners to ensure appropriate, fit for purpose and accredited training

working with government to ensure publicly-funded projects include requirements to use competent businesses

working with public advice bodies to raise awareness of the need to use competent businesses for home improvements

How can SummitSkills help your organisation today?



We can help your organisation assess the business potential for environmental technologies



We can help your organisation identify current skills and future requirements



We can offer advice and guidance for environmental technology training, including higher level tuition

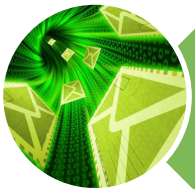


We can advise you about MCS (or equivalent) and competent persons schemes for environmental technologies

Find out more



Talk to our regional experts around the UK and NI



Visit our website at www.summitskills.org.uk



Register to receive regular e-newsletters



Skills Insight – news and views delivered direct to you

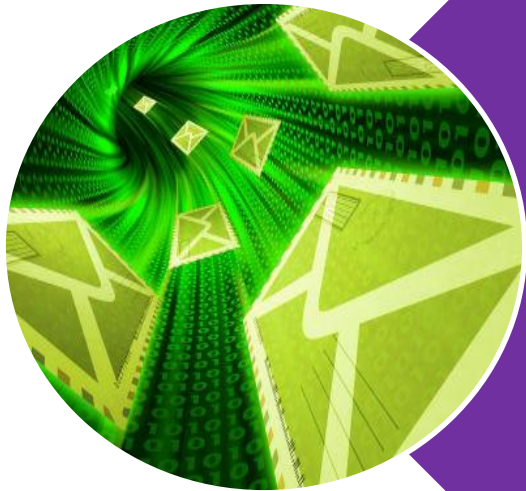


Come and see us at an event near you



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For more information visit
www.summitskills.org.uk