Towards a low carbon economy for Scotland

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The Scottish Government
Overview

• The vision: a low carbon Scottish economy

• Scotland’s Low Carbon Strategy – a framework aligning delivery across the public & private sectors

• Dimensions of the low carbon transition

• Scotland’s low carbon economic opportunities
  – Renewable energy
  – Environmental and clean technologies
  – Key Sectors & other growth industries
  – Business resource efficiency
  – Enablers: innovation, investment, skills, procurement …

• Next steps
A **VISION** for Scotland

a **GLOBALLY COMPETITIVE** low carbon economy

where businesses and people **PROSPER**

within **ENVIRONMENTAL** limits
In making the low carbon transition

...but the global GREEN RACE is on
Two main business opportunities

low carbon technology

low carbon approach

... BUSINESS AS USUAL is not an option
A strategic framework

Government Economic Strategy

Low Carbon Strategy

Decarbonised electricity, heat, transport & land use sectors

Low carbon economic opportunities

Climate change adaptation

Behavioural change

SUSTAINABLE ECONOMIC GROWTH

LOW CARBON TRANSITION

Annual Reports on Policies and Programmes

Emissions reduction targets

CO₂ reductions
42% by 2020
80% by 2050
... to help align delivery across the public sector
The world will change ... radically
Dimensions of the low carbon transition

- Leadership
- Early adoption
- Energy efficiency

- Investment
- Innovation
Summary of economic opportunities

Energy
Environmental & Clean Technologies

- Sustainable transport
- Sustainable buildings
- Environmental monitoring and instrumentation
- Water & waste water treatment
- Recovery & recycling

Forecast employment growth (2010-2020),
Scottish Low Carbon & Environmental Goods Sector
Summary of economic opportunities

Key Sectors & other growth industries
Summary of economic opportunities

Business resource efficiency
to increase PROFIT

by building leadership, awareness & capacity …
Business resource efficiency

... & using less:
  energy
  water
  waste
  materials

Summary of economic opportunities
Enabling factors

**Investment**

**Leadership & Skills**

**Innovation**

**Procurement**

**Infrastructure**

*Summary of economic opportunities*
Delivering the vision is vital

Success underpinned by: Leadership – Ambition – Focus - Alignment
Why wouldn’t you?

- Energy independence
- Preserve rainforests
- Sustainability
- Green jobs
- Livable cities
- Renewables
- Clean water, air
- Healthy children
- Etc. Etc.
Next steps

- Consultation process until 30 June, including discussions by:
  - Strategic Forum and Joint Working Group
  - individual Strategic Forum partners
  - SLAED
  - UK Business Council for Sustainable Development
  - 2020 Group
  - Public Sector Climate Action Group
  - etc.

- Low Carbon Strategy launched Autumn

- Delivery!
Discussion questions

1. Does the low carbon economic vision provide a compelling rationale to influence new responses by the public and private sectors?
   – How can it be improved?

2. What are the key low carbon economic opportunities for businesses, industries and Scotland’s economy as a whole?
   – What are the priorities over the next five years?

3. How should the Scottish Government and wider public sector join up to best support business to exploit low carbon opportunities?
   – What is your organisation’s specific role in supporting the low carbon transition?