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### The Low Carbon Infrastructure Taskforce

The Scottish Government has recognised the need to support low carbon infrastructure to enable delivery of Scotland's targets under the Climate Act and has made low carbon a key pillar of its Economic Strategy and Infrastructure Investment Plan. But there needs to be a strong pipeline of large-scale, shovel-ready green infrastructure projects – whether that's a major district heating network in Glasgow, dualling and electrifying the Perth-Inverness railway line, or insulating homes across entire swaths of Scotland – to ensure that the capital budget is investing for a green future.

That's why Scotland needs a new taskforce to identify today the transformational low carbon projects that will shape our future. Bringing together key figures from across the infrastructure lifecycle in Scotland, from the public and private sectors, construction and finance industries, trade unions and academia, the Low Carbon Infrastructure Taskforce will develop a pipeline of great projects fit for investment.

To find out more about the Low Carbon Infrastructure Taskforce, contact:

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## Building blocks for a greener Scotland in numbers



**50%**

Half of Scotland's emissions come from space and hot water heating

**80%**

Reduction in greenhouse gas emissions we must achieve by 2050




**1,400**

Jobs in Scotland supported by every £100m in public capital spending

**20%**

One fifth of Scotland's emissions come from transport

	<p><b>Why we are here</b></p> <p>To stop the degradation of the planet's natural environment and to build a future in which humans live in harmony with nature.</p> <hr/> <p>wwfscotland.org.uk</p>
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The building blocks for a greener Scotland: Low carbon infrastructure



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Climate change is the defining global challenge of our times and one that Scotland's Climate Change Act requires us to tackle head on.

### Scotland's Climate Change Act

The Act provides Scotland with a 'greenprint' for a different future – a cleaner, fairer and flourishing low carbon Scotland. The Act spans a forty year time horizon, which gives industry and consumers the confidence they need to plan wisely and invest effectively.

### 2050

Putting in place the right foundations now for 2050 is essential if we want to avoid locking ourselves into an unsustainable and inefficient future. The strategic decisions we make now about what and how we build will still be dictating how we travel, heat our homes and power our industries in 2050. Indeed, those decisions could shape the kind of industries and jobs we will have in the future.

### Widespread benefits

Building for a greener future will not only allow us to cut emissions; it will also invigorate Scotland's rich engineering and innovation traditions, building on the legacy of Telford, McAdam, Bell and Watt to develop thriving new industries and technologies, and create strong export opportunities. Scotland will be investing billions of pounds in the coming decades to modernise our infrastructure. We can make that investment work for the economy, society and the environment.

We know that building a low carbon economy will do more than cut emissions. It will also lead to more jobs, higher household income, a stronger economy and more energy security. And that doesn't even include the wider benefits it will deliver such as tackling fuel poverty, providing cleaner air and reducing pressure on the NHS.

### Public sector role

While much of this investment will be driven by the private sector, the public sector has a critical role to play in catalysing investment. And with budgets under tight constraints, getting clear value for money and supporting wider policy objectives are essential if public finances are to deliver for the public good.



Well targeted public sector investment in innovative low carbon engineering and building projects can help to address market failure and boost productivity. In particular, it can:

- **Stimulate innovation** by supporting novel green technologies and business models
- **Drive cost reductions** through economies of scale and support a preventative spend agenda
- **Enhance industry certainty** through clear signals, unlocking private sector funding
- **Rebalance the economy** away from debt-financed consumption towards investment
- **Create new jobs** and increase labour participation



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