

Scottish Development International and the Low Carbon Future

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Who Are SDI?

- **Scottish Development International** (SDI) is the specialist inward investment and trade arm of the **Scottish Government** and its economic development agencies **Scottish Enterprise** and **Highlands and Islands Enterprise**
- **Single point of contact** for all international business development needs



Our Purpose

International trade

- Raise the ambition of more Scottish businesses to think, compete and trade globally
- Attract investment and talent which builds on Scotland's globally competitive sectors
- Increase the global competitiveness of the business environment in Scotland
- Enhance Scotland's image globally

Foreign investment



Economic Development

EMEA - Place, People and Sector Priorities



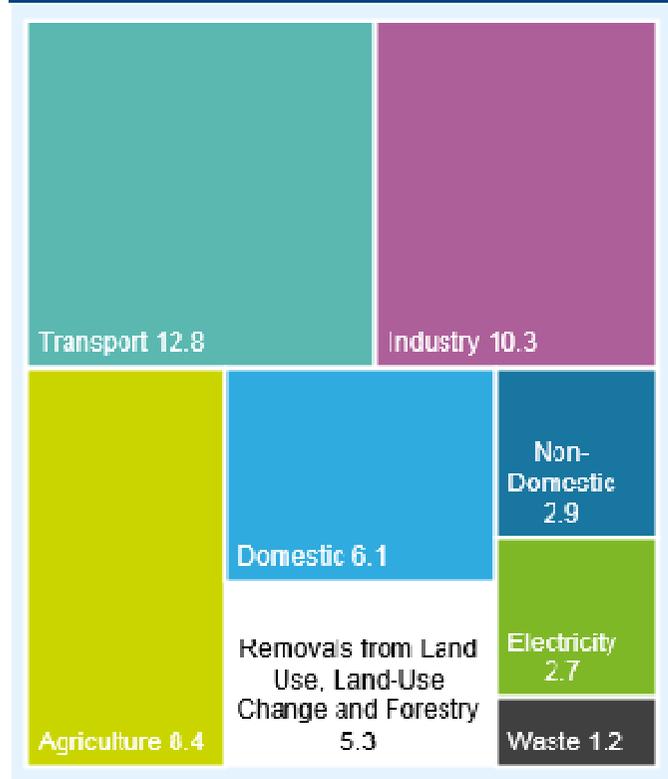
Sector Key	
Education	
Oil and Gas	
Renewables	
Financial & Business Services	
Food & Drink	
Technology and Adv. Engineering	
Life & Chemical Sciences	
Tourism	
Textiles	
Cross sector activity	
Office location	

Location	Staff	Trade focus	Investment focus
Paris	11		
Dusseldorf	10		
London	10		
Dubai	6		
Copenhagen	4		
Accra	2		
Bern	2		
Brussels	2		
Al Khobar	1		
Barcelona	1		
Berlin	1		
Dublin	1		
The Hague	1		
Madrid	1		
Milan	1		
Stavanger	1		
	55		

Scotland's Climate Change Plan

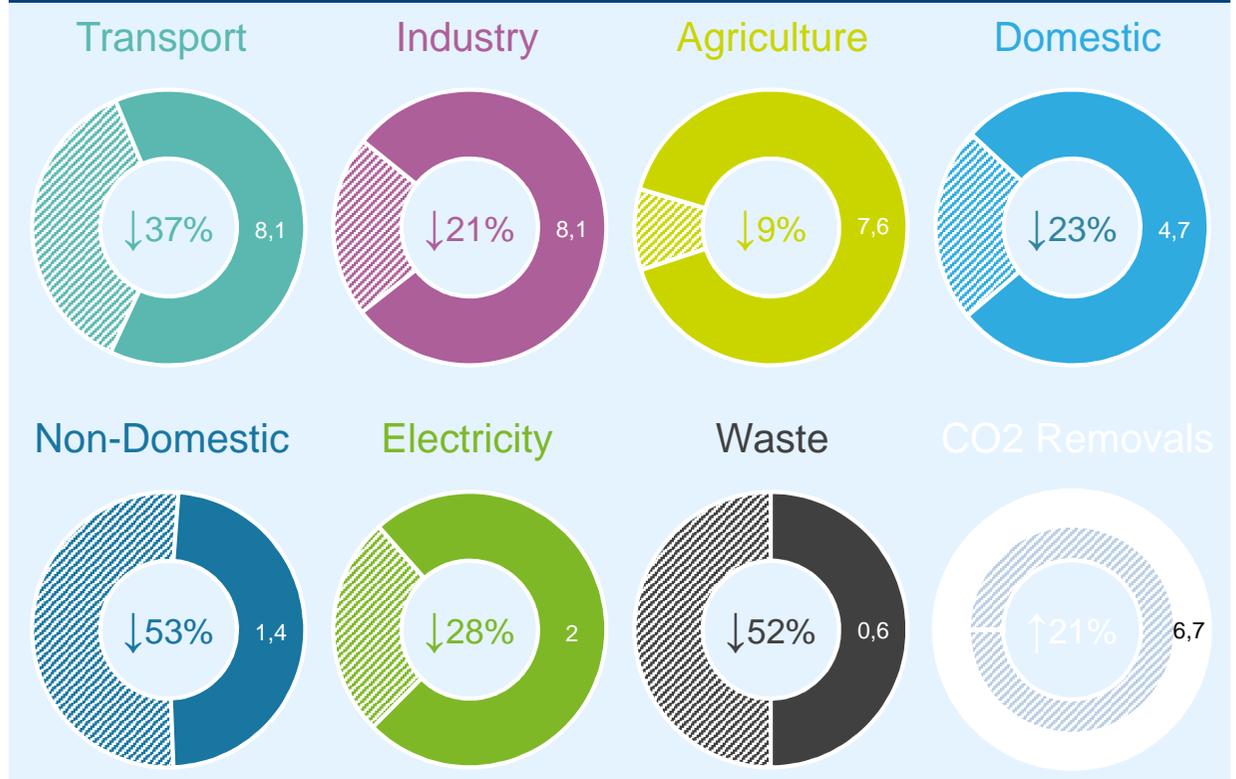
The Climate Change Plan sets out the Scottish Government's policies and proposals for achieving a 66% reduction in Scotland's CO2 emissions, from 1990 levels, by 2032. It covers a 15yr period (2018-32) and includes emission targets for 8 sectors:

Total Net Emissions in 2018 = 39.1 MtCO2e



*Domestic and Non-Domestic buildings

Target for Total Net Emissions in 2032 = 25.8 MtCO2e



Plan seeks a 34% reduction in Scotland's total net emissions between 2018-32

Scotland's Climate Change Plan

The Plan sets out a vision for “*enormous transformational change*” achieved in collaboration with the public, private and third sectors, as well as individuals and communities throughout Scotland:

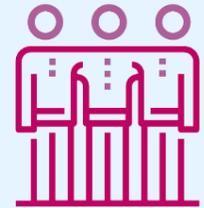
The Public Sector

Scotland's public bodies will lead by example in combatting climate, influencing and enabling positive action and serving as an exemplar of low carbon innovation.



The Role of Communities

The Climate Challenge Fund will support communities across Scotland to run projects that reduce emissions and aid adaptation to the impacts of a changing climate.



The Planning System

The planning system must provide the framework in which decisions about “place” (e.g. buildings, streets, spaces) support low carbon lifestyles and transformative change.



Behavioral Change

Public engagement is essential for helping people across the country understand the changes we need to make as a society, ensuring that everyone is willing and able to take the actions required for low carbon living.



Scotland's Climate Change Plan

The Plan seeks to provide certainty to businesses to help them “seize the economic opportunities offered by the transition to low carbon technologies, products and services”, and includes targets and policies in support of the low carbon sector:

BY 2032 – SCOTLAND'S ELECTRICITY SYSTEM WILL BE LARGELY FROM RENEWABLE SOURCES INCLUDING ONSHORE WIND, OFFSHORE WIND, HYDRO, SOLAR, MARINE AND BIOENERGY



30% INCREASE IN LOW EMISSION FERRIES FLEET

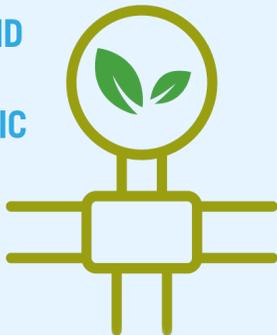
ELECTRIFY 35% OF RAIL NETWORK

BY 2032, PHASE OUT THE NEED TO BUY PETROL AND DIESEL CARS OR VANS



LOW CARBON TECHNOLOGIES WILL SUPPLY HEAT TO:

35% OF DOMESTIC AND 70% OF NON-DOMESTIC BUILDINGS



15% REDUCTION IN DOMESTIC HEAT DEMAND

20% REDUCTION IN NON-DOMESTIC HEAT DEMAND

CCS, CCUS AND HYDROGEN



TECHNOLOGY CRITICAL TO FURTHER EMISSIONS REDUCTION WILL BE DEMONSTRATED AT COMMERCIAL SCALE BY 2030

Vision of the Scottish Energy Strategy

The Strategy sets out a vision to 2050 for a “flourishing, competitive local and national energy sector, delivering secure, affordable, clean energy for Scotland’s households, communities and businesses” that is guided by three core principles:

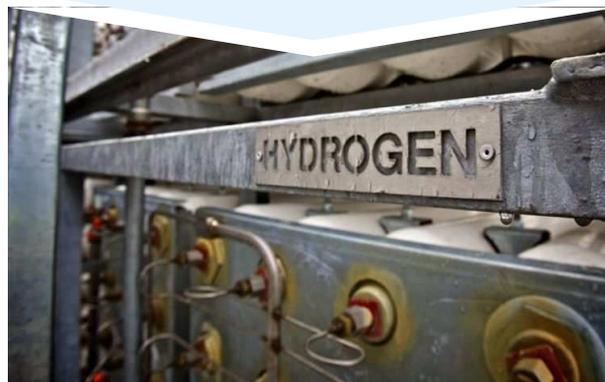
An Inclusive Energy Transition

Promoting a transition that helps to tackle inequality and poverty, stimulating a fair and inclusive jobs market that creates opportunities across the country.



A Whole-System View

Taking an integrated approach to approach to heat, transport, electricity and energy efficiency that recognises the effect each element of the system has on the others.



A Smarter Local Energy Model

Supporting a smarter, more coordinated approach to planning and meeting local energy needs that links to developments at a national level.



Priorities of the Scottish Energy Strategy

In addition to the long-term vision, the strategy also sets out six near-term priorities focussed on maximising opportunities for Scotland as it prepares to take the major long-term decisions that will determine the shape of its future energy system:

Consumer Engagement & Protection

Working to protect consumers from excessive or avoidable costs, and promote the benefits of smarter domestic energy systems.



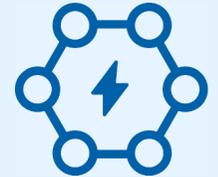
Energy Efficiency

Taking direct and supporting actions to improve the use and management of energy in Scotland's homes, buildings, industrial processes and manufacturing.



System Security & Flexibility

Ensuring Scotland has the capacity, connections, flexibility and resilience to maintain secure and reliable supplies of energy throughout the transition.



Innovative Local Energy Systems

Empowering communities by supporting the development of innovative and integrated local energy systems and networks.



Renewable & Low Carbon Solutions

Championing the potential of Scotland's huge renewable energy resource to meet our heat, transport and electricity needs, and realise our emissions reduction targets.



Oil & Gas Industry Strengths

Supporting investment, innovation and diversification across O&G, working with industry to advance key priorities and prepare for a positive role in the future energy system.



Our Approach

Our support for the energy sector is aligned with four interconnected drivers of growth, as set out in the Scottish Government Economic Strategy, SE Business Plan and HIE Operating Plan

Our **internationalisation** ambitions are to attract new investment into Scotland, and work with an increased number of companies to export more of their products and services.



Our **innovation** ambitions are to support more companies to innovate to grow, at home and overseas, and increase Scotland's business expenditure on R&D.



Our **investment** ambitions are to build Scotland's assets in key sectors and help more businesses access growth finance to invest, innovate and expand at home and overseas.



Our **inclusive growth** ambitions are to help build workplaces, workforces and places that help businesses and sectors to be fairer and more creative in their growth and development.



An aerial photograph of Edinburgh, Scotland, taken during the 'blue hour' of sunset. The sky is a mix of deep purple, pink, and orange. In the foreground on the left, the neoclassical structure of the Nelson Monument is visible. The city's dense architecture, including various church spires and the silhouette of Edinburgh Castle on a hill in the distance, is bathed in the warm light of the setting sun. A construction crane is visible on the right side of the city. The hashtag '#SCOTLANDISNOW' is superimposed in large, white, bold, sans-serif font across the center of the image.

#SCOTLANDISNOW

Thank You Merci

