



Reflections on Scotland's Approach

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Energy Efficient Scotland Programme



DOMESTIC ENERGY EFFICIENCY 2013-2016

Total HEEPS
Investment of
£248m

Overall investment
in domestic energy
efficiency in
Scotland
£618m

96,000 households
assisted by HEEPS
since 2013

2.42m tonnes of
CO₂ saved by our
HEEPS programmes

£542m savings in
household fuel bills
by HEEPS

SME LOAN SCHEME HAS PAID OUT OVER

£24 million

IN LOANS SINCE LAUNCHING IN 2006,
FUNDING OVER 900 PROJECTS WITH
ESTIMATED SAVINGS OF:

 355 GWh

OVER

 £38 million

IN FINANCIAL SAVINGS

 136,122 tCO₂

CARBON SAVINGS (OVER
LIFETIME OF THE MEASURE)

SINCE 2008, SCOTTISH GOVERNMENT
HAS INVESTED OVER

£38 million

IN LOAN FUNDING FOR 685 PUBLIC SECTOR
ENERGY EFFICIENCY PROJECTS THROUGH
SALIX FINANCE. THESE PROJECTS HAVE
PRODUCED:

>£100 million
OF SAVINGS SINCE 2008

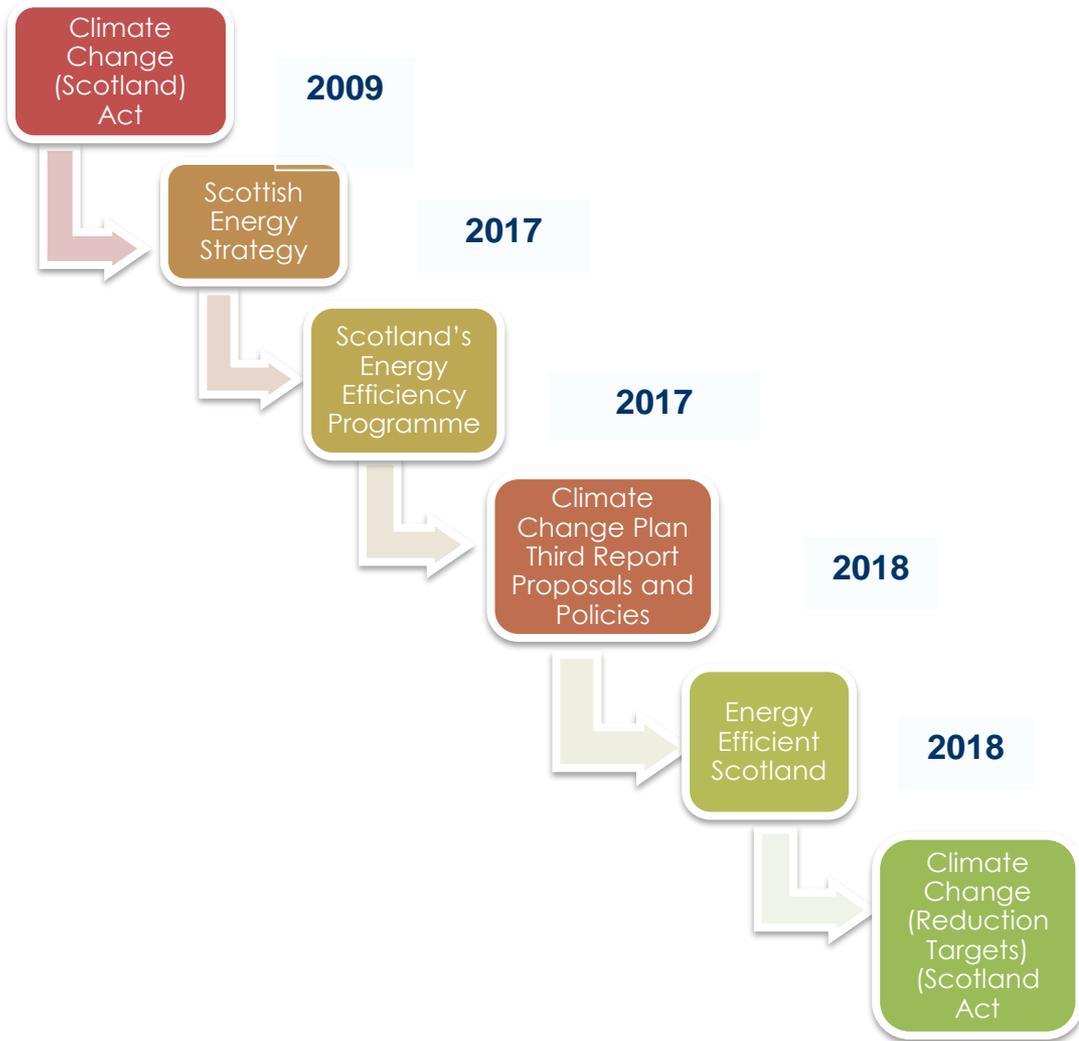
480,000 tCO₂

SAVINGS SINCE 2008. 28 OF SCOTLAND'S 32
LOCAL AUTHORITIES HAVE USED SALIX LOAN
FUNDING FOR ENERGY EFFICIENCY PROJECTS.



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Key Stages on the Policy Journey



CLIMATE CHANGE PLAN
The Third Report on Proposals
and Policies 2018-2032
February 2018



2019



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“energy is an important contributor to our efforts to **promote growth, tackle inequalities and deliver on our climate change ambitions,** showing strong leadership in the transition to a low-carbon economy”



Scottish Energy Strategy: The future of energy in Scotland



OUR VISION

A FLOURISHING, COMPETITIVE
LOCAL AND NATIONAL ENERGY
SECTOR, DELIVERING SECURE,
AFFORDABLE, CLEAN ENERGY
FOR SCOTLAND'S HOUSEHOLDS,
COMMUNITIES AND BUSINESSES.

December 2017



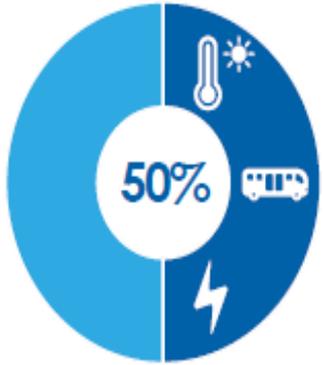
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6 priorities and Key Targets



THE EQUIVALENT OF
50% OF THE ENERGY
FOR SCOTLAND'S
HEAT, TRANSPORT
AND ELECTRICITY
CONSUMPTION TO
BE SUPPLIED FROM
RENEWABLE SOURCES



AN INCREASE BY **30%** IN THE PRODUCTIVITY
OF ENERGY USE ACROSS THE SCOTTISH
ECONOMY



Consumer engagement and protection



Renewable and low carbon solutions



Energy efficiency



System security and flexibility



Oil and gas industry strengths



Innovative local energy systems



Scotland's Energy Efficiency Programme

ENERGY STRATEGY – SCOTLAND'S ENERGY
EFFICIENCY PROGRAMME (SEEP)
NATIONAL INFRASTRUCTURE PRIORITY FOR ENERGY EFFICIENCY



Scotland's buildings are near zero carbon by 2050 and this is achieved in a way that is socially and economically sustainable

January 2017



ENERGY STRATEGY – SCOTLAND'S ENERGY
EFFICIENCY PROGRAMME (SEEP)
NATIONAL INFRASTRUCTURE PRIORITY FOR ENERGY EFFICIENCY



“the Scottish Government recognises the multiple benefits that can, and must, accrue from a programme of this magnitude and duration. These benefits not only include substantive contributions to meeting climate change targets through the decarbonisation of heat and reduced energy demand, but also offer significant wider economic, social, health and regeneration benefits.”

January 2017



Principles of Energy Efficient Scotland

Provide stability and certainty

Be transformational, removing poor energy efficiency as a driver of fuel poverty and decarbonising our heat supply

Be well known and trusted, maintaining quality and high standard installations

Operate throughout Scotland and be delivered to meet local needs

Ensure that heated buildings are comfortable to use, live and work in

Support jobs across Scotland

Attract investment in energy efficiency and low carbon heat



What we need Energy Efficient Scotland Programme to do

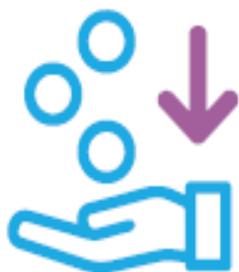
23%

EMISSION REDUCTIONS IN THE DOMESTIC SECTOR BY 2032 ON 2015 LEVELS



59%

EMISSIONS REDUCTION IN THE NON-DOMESTIC SECTOR BY 2032 ON 2015 LEVELS



REMOVING POOR ENERGY EFFICIENCY AS A DRIVER OF FUEL POVERTY

PROMOTING DECARBONISATION OF HEAT

EMISSIONS FROM ALL BUILDINGS IN SCOTLAND WILL NEED TO NEAR ZERO BY

2050



OUR CLIMATE CHANGE PLAN SETS OUT A TRAJECTORY TO 2032 WHICH REQUIRES:

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

HEAT TO BE SUPPLIED BY LOW CARBON TECHNOLOGIES



REDUCTION IN DOMESTIC BUILDINGS' HEAT DEMAND BY

15%

THROUGH IMPROVEMENTS TO THE BUILDING FABRIC BY 2032



REDUCTION IN NON-DOMESTIC BUILDINGS' HEAT DEMAND BY

20%

THROUGH IMPROVEMENTS TO THE BUILDING FABRIC BY 2032

THIS IS SUPPORTED BY OUR LONG STANDING TARGET THAT WILL SEE 11% OF NON-ELECTRICAL HEAT DEMAND TO BE FROM RENEWABLE SOURCES BY 2020.



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What Energy Efficient Scotland Programme can deliver



Reduce energy bills



Improve business competitiveness



Substantially reduce greenhouse gas emissions



Help create a substantial Scottish market and supply chain for energy efficiency services and technologies



Deliver health, wellbeing and early years improvements



Help regenerate our communities



The potential for economic benefit



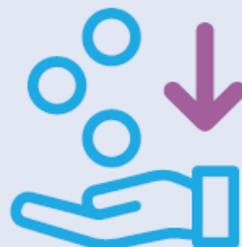
EVERY £100 MILLION SPENT ON ENERGY EFFICIENCY IMPROVEMENTS IN 2018 IS ESTIMATED TO SUPPORT APPROXIMATELY 1,200 FULL TIME EQUIVALENT JOBS ACROSS THE SCOTTISH ECONOMY



BOOST GDP, WITH RESEARCH SHOWING A 10% IMPROVEMENT IN THE ENERGY EFFICIENCY OF ALL UK HOUSEHOLDS WILL SUSTAIN GDP EXPANSION OF AROUND 0.16%



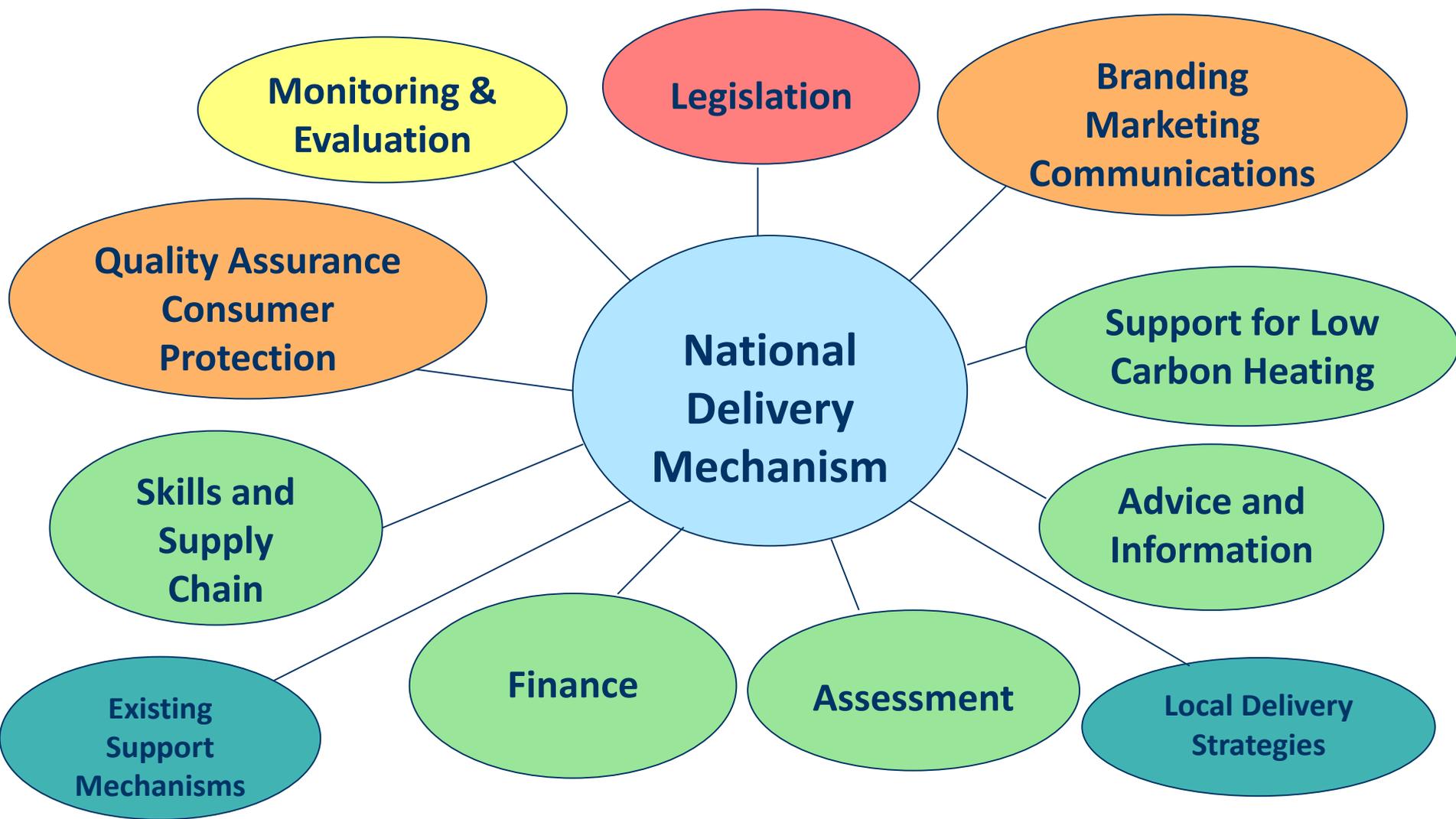
£10-12 BILLION
TO BE INVESTED IN ENERGY EFFICIENCY MEASURES



INVESTMENT IN ENERGY EFFICIENCY TO SUPPORT OUR AMBITIONS TO ERADICATE FUEL POVERTY AND INCREASE WELLBEING



Delivering on Commitments



Thanks!

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