



MANIFESTO

SCOTLAND
2016

A Manifesto for the 2016
Scottish Parliament Elections

Securing the benefits of Scotland's ambitions



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WELCOME

Scotland has a proud history of innovation, industry and vision. We must draw on that heritage to secure the benefits of our bold commitments on both climate



change and the marine environment. Scotland's Climate Change Act sets a path to making our fair contribution to the global effort to prevent the worst impacts of climate change, while Scotland's Marine Act is our commitment to a shared European goal of ensuring our seas are in a much improved, good environmental condition by 2020.

Both pieces of legislation promise much for Scotland; a rich marine environment supporting thriving coastal communities, a low carbon economy leading a global reduction in emissions, new jobs shared across Scotland, and fuel poverty and health inequality tackled through efficiency and cleaner transport. The challenge for the next Scottish Parliament and Scottish Government will be to turn these Acts into action, to match world leading targets with world leading commitments, to demonstrate vision and innovation - to Secure the Benefits of Scotland's Ambitions.

The cross party support in the Scottish Party Leaders' Climate Change Agreement is a powerful demonstration of shared commitment to new action across our economy. Our manifesto contains what we believe are the priority actions the next Scottish Government will need to take to maximise the benefits of a low carbon future for Scotland. Alongside the key marine priorities set out, these actions can help to build a fairer, healthier, more sustainable Scotland.

We hope to see these steps translated into all of the political parties' manifestos for Scotland's 2016 election.

*Lang Banks, Director
WWF Scotland*

EXECUTIVE SUMMARY

WWF Scotland wants Scotland to play its fair part in a global effort to prevent dangerous climate change, and ensure that the benefits of securing that low carbon society are distributed across all of Scotland. Similarly, we want to see the seas around Scotland protected and returned to a healthy condition to

support our coastal communities and give benefits to all for future generations.

Therefore, for the forthcoming Scottish Parliament election, we are asking each of Scotland's political parties to commit to the following:

1. Invest so that no one in Scotland is living in a hard-to-heat, draughty home, by 2025

A commitment that no household will have to live in a hard-to-heat, draughty home by 2025, by making the improvement of energy efficiency a long-term national infrastructure project.

2. A Warm Homes Act for Scotland

A Warm Homes Act that helps bring clean and affordable warmth to thousands of households and businesses in Scotland, by supporting the growth of district heating and renewable heat, and helping to improve the energy efficiency of our buildings.

3. Every capital budget consistent with Scotland's Climate Change Act

A much higher proportion of capital spend allocated to low carbon infrastructure, and political support in each manifesto for large-scale infrastructure projects that help to reduce Scotland's climate emissions.

4. Scotland on course to capture the benefits of being the EU's first renewable electricity nation in 2030

A new Scottish electricity strategy that puts Scotland on course for almost entirely renewable electricity generation in 2030 and that maximises the opportunities to create new jobs, empower communities and support local economic renewal across Scotland.

5. A national strategy to help people and businesses reduce their demand for electricity

A comprehensive new strategy to reduce demand for electricity in Scotland that includes a 'negawatts' competition to stimulate commercial and community innovation.

6. All the seas around Scotland are in good environmental condition by 2020

A fully-resourced marine monitoring strategy. This should support evidence-based decision-making and compliance, enabling Scotland to comply with its legal requirement to have all its seas achieve a good environmental status by 2020.

7. Give consumers confidence that Scottish-caught fish are sustainable and going to a plate, not to waste

A strategy for the implementation and cost effective monitoring of the discard ban in Scotland, so that consumers can be confident that the ban is being implemented in order to minimise waste and improve the sustainability of fisheries.



SCOTLAND
ON COURSE
TO CAPTURE
THE BENEFITS
OF BEING THE
EU'S FIRST
RENEWABLE
ELECTRICITY
NATION IN 2030

THE SCOTTISH PARTY LEADERS' CLIMATE CHANGE AGREEMENT

In August 2015 all of the leaders of Scotland's major political parties agreed to make their manifestos consistent with delivering the ambitions of Scotland's Climate Change Act:

"We commit to making each of our party manifestos for the 2016 Holyrood election consistent with delivering the ambitions of Scotland's Climate Change Act"

Scotland's Party Leaders' Climate Change Agreement was brokered by WWF Scotland, on behalf of a diverse group of civic organisations, including: Oxfam Scotland, Unison Scotland, the Church of Scotland, Christian Aid Scotland, SCIAF, Stop Climate Chaos Scotland, Friends of the Earth Scotland and RSPB Scotland.



"ACTING ON CLIMATE CHANGE IS AN OPPORTUNITY FOR SCOTLAND, THROUGH WHICH WE CAN STRENGTHEN OUR ECONOMY AND MAKE SCOTLAND A FAIRER, CLEANER, HEALTHIER AND SAFER PLACE."

NO ONE IN SCOTLAND IS LIVING IN A HARD-TO-HEAT, DRAUGHTY HOME BY 2025

We are calling on all political parties to make a commitment that no household will have to live in a hard-to-heat, draughty home by 2025, by making the improvement of energy efficiency a long-term national infrastructure project.

IN NUMBERS...

4.5BN

The scale of public investment this would represent.¹ This would give it a level of national significance comparable to dualling the A9.

940,000

The current number of homes in Scotland living in fuel poverty.² An infrastructure approach is critical to helping reduce this figure.

8-9,000

The potential net increase in jobs per year from the project; jobs spread around every part of Scotland.³

WHY NOW?

Fuel poverty in Scotland stands at 39%² and more than half of Scotland's climate emissions come from heating. Addressing these issues through making energy efficiency a long-term national infrastructure project will give them the same kind of clarity, purpose and focus that has been given to spanning the Forth or re-connecting the Borders railway. The minimum goal of such a project needs to be help every home reach at least a C energy performance rating by 2025 to allow our climate change targets to be met.

WHAT BENEFITS?

As a result, by 2025 1.5 million homes will be made warm, affordable to heat and lower carbon. Buildings in the non-domestic sector will also be supported to upgrade to a good energy performance rating. Backed up with a commitment to a multi-billion pound capital investment programme that can leverage in private funding, 8-9,000 new jobs,³ spread across every part of Scotland, will be created by this infrastructure investment. The project would improve health and reduce risk of illness and death amongst some of the most vulnerable in society, including the elderly and disabled.

A WARM HOMES ACT FOR SCOTLAND

We are calling on all political parties to commit to a Warm Homes Act that helps bring clean and affordable warmth to thousands of households and businesses in Scotland, by supporting the growth of district heating and renewable heat, and helping to improve the energy efficiency of our buildings.

IN NUMBERS...

40%

The amount of renewable heat Scotland will need to have delivered by 2030, in order to fulfil targets under the Climate Change Act.⁵

55%

How much of our energy consumption comes from Scotland's heating demand.⁶

3%

Only 3% of our heating needs in Scotland currently come from renewable energy.⁷

WHY NOW?

Over half of Scotland's energy use and climate emissions come from us heating our homes, businesses and water. Yet just 3% of that heat comes from renewables and only 1% is provided by district heating. If Scotland is to enjoy affordable warm homes and ensure it cuts its climate emissions we need a bold, new strategic approach to supporting the uptake of low carbon heat. Independent research by RICARDO-AEA⁴ suggests Scotland needs at least 40% renewable heat by 2030, the next Scottish Government needs to grasp this challenge and close the gap from the 3% we have today.

WHAT BENEFITS?

A Warm Homes Act for Scotland will help reduce heat demand, tackle fuel poverty and encourage investment in district heating. Legislation is required to create a framework that supports a new district heating industry, incentivises renewable heat and protects consumers. An increase in district heating will create jobs and help cut fuel bills across Scotland.

EVERY SCOTTISH PARLIAMENT CAPITAL BUDGET CONSISTENT WITH SCOTLAND'S CLIMATE CHANGE ACT.

We are calling on all political parties to commit to allocating a much higher proportion of capital spend to low carbon infrastructure and to provide political support in their manifesto for large-scale infrastructure projects that help to reduce Scotland's climate emissions.

IN NUMBERS...

£11BN

How much the Scottish Government will have invested in infrastructure, in the 3 years running up to the 2016 election.⁸

50%

Despite some welcome investments, like the Borders Railway, only half of the Scottish Government's infrastructure spend in the last three years could be described as low carbon.⁹

60,000

A low carbon economy could support up to 60,000 jobs across Scotland by 2020.¹⁰

WHY NOW?

The infrastructure investment decisions taken in the next Parliament will either lock Scotland into an unsustainable and inefficient future, or enable the realisation of a low carbon and economically flourishing Scotland. Big projects underpin the way we live our lives playing a huge role in determining how we travel, heat our homes and power our businesses. It is essential that we invest in infrastructure that helps us to smoothly transition to a low carbon economy.

WHAT BENEFITS?

Making each of the capital budgets agreed by the next Scottish Parliament consistent with the Climate Change Act will create jobs and stimulate innovation in the short-term. In the long-term it will enable low carbon lifestyles, improve public health, slash fuel bills and boost Scotland's productivity. Showing political support in manifestos for individual projects, for example through commitments to feasibility studies, will help bring those projects closer to fruition.

PUT SCOTLAND ON COURSE TO CAPTURE THE BENEFITS OF BEING THE EU'S FIRST RENEWABLE ELECTRICITY NATION IN 2030

We are calling on all political parties to bring forward a new Scottish electricity strategy that puts Scotland on course for almost entirely renewable electricity generation in 2030 and that maximises the opportunities to create new jobs, empower communities and support local economic renewal across Scotland.

IN NUMBERS...

21,000

The number of people currently employed in the renewables sector in Scotland.¹²

49.8%

The proportion of Scotland's electricity needs being met by renewables, making it Scotland's single biggest source of electricity in the first half of 2014.¹³

12,000,000

The number of tonnes of carbon dioxide displaced by Scotland's renewable electricity generation in 2013.¹⁴

WHY NOW?

Scotland is at the forefront of a major global energy transition. We are moving away from last century's ageing, polluting, centralised and increasingly uneconomic thermal generation towards a green, localised, interconnected and increasingly cost-competitive renewable-centred system. With renewables already producing record amounts of clean power, a clear choice is emerging for the next Scottish Government to make: embrace the transition to almost entirely renewable electricity generation and grasp its benefits, or battle significant challenges only to take Scotland backwards to expensive, unnecessary new fossil fuel power.

WHAT BENEFITS?

A new 2030 electricity plan should embrace the transition to almost entirely renewable electricity generation, and set out how the next Scottish Government will ensure that Scotland maximises the social and economic opportunities provided. A Scotland that plays to its remarkable natural resource strengths in renewables can create thousands of clean energy jobs, cut climate emissions cost effectively and support local economic renewal in communities across Scotland. Robust evidence shows that this can provide us with a safe and secure electricity supply¹¹ and maintain Scotland's position as an electricity exporting nation.

A NATIONAL STRATEGY TO HELP PEOPLE AND BUSINESSES REDUCE THEIR DEMAND FOR ELECTRICITY

We are calling on all political parties to commit to a comprehensive new strategy to reduce demand for electricity in Scotland that includes a 'negawatts' competition to stimulate commercial and community innovation.

IN NUMBERS...

1%

A conservative figure for what level of electricity reduction could be achieved each year by a new strategy.¹⁵

£20M

The size of the Local Energy Challenge Fund. The 'negawatts' challenge fund could be of a comparable scale.

£30

The approximate cost of reducing one megawatt hour of electricity in the United States. That makes it significantly cheaper than the wholesale cost of the equivalent amount of electricity generated in the UK.¹⁶

WHY NOW?

Scotland has made huge progress increasing electricity generated from renewables year on year, but for too long reducing demand has been the Cinderella of energy policy. This is despite the fact that reducing demand is the most cost-effective way of securing and decarbonising our entire electricity system – the cheapest, greenest, most secure electricity is the electricity that's never used, a 'negawatt'.

WHAT BENEFITS?

We are asking all parties to commit to a comprehensive new strategy to reduce demand for electricity in Scotland by at least 1% a year to 2030. This will help make Scotland's electricity cleaner, more secure and cheaper for billpayers, as negawatts are cheaper than buying power from the electricity market. Independent research shows that reducing electricity demand will make it easier and cheaper for Scotland to meet its climate change targets.

A 'negawatts' competition will help to raise the profile of demand reduction, allow new approaches to be tested and stimulate communities and companies to innovate.

ALL THE SEAS AROUND SCOTLAND ARE IN GOOD ENVIRONMENTAL CONDITION BY 2020

We are calling on all parties to commit to a fully-resourced marine monitoring strategy. This should support evidence-based decision-making and compliance, enabling Scotland to comply with its legal requirement to have all its seas achieve a good environmental status by 2020.

IN NUMBERS...

61%

Scottish seas make up 61% of the UK's sea area.¹⁷

£6.3BN

The minimum economic benefit that Scotland will secure from a network of MPAs over the next 20 years.¹⁸

39,200

The number of species estimated to live in the seas around Scotland.¹⁹

WHY NOW?

In 2011 Scotland's Marine Atlas described the alarming decline in the health of our seas and highlighted the urgent need for a robust system of planning and environmental protection. Since then, the passing of the Marine (Scotland) Act has made it a legal requirement that all Scotland's seas are returned to a good environmental status by 2020. The Scottish Government has designated 30 Marine Protected Areas (MPA) and published a National Marine Plan. A fully-resourced monitoring strategy is now needed to ensure that the ambition of the Act is turned into effective action.

WHAT BENEFITS?

In Scotland we depend on the seas that surround us. They provide us with wonderful seafood, a myriad of recreational activities, renewable energy, thousands of jobs and of course their rich wildlife. A properly managed MPA network, supported by a well implemented National Marine Plan will help us secure those benefits for now and the future. Economic analysis estimated that in just 20 years the overall benefit to Scotland of a network of MPAs in the seas around our coast will be somewhere in the region of £6.3 billion to £10 billion.



GIVE CONSUMERS CONFIDENCE THAT SCOTTISH-CAUGHT FISH ARE SUSTAINABLE AND GOING TO A PLATE, NOT TO WASTE

We are calling on all political parties to develop a strategy for the implementation and cost effective monitoring of the discard ban in Scotland, so that consumers can be confident that the ban is being implemented in order to minimise waste and improve the sustainability of fisheries.

IN NUMBERS...

25,000 TONNES

The amount of dead fish the discard ban could ultimately prevent from being thrown back into the sea every year in Scotland.²⁰

£200MILLION

The potential amount that could be added to the landed value of the six key whitefish stocks by Scottish vessels through eliminating discards.²¹

481,000 TONNES

The weight in tonnes of seafood and shellfish landed by the Scottish fishing industry in 2014.²²

WHY NOW?

The 2013 reform of the European Common Fisheries Policy introduced a number of changes to fisheries management, with the discard ban being one of the most significant. Its introduction is designed to address the wasteful discarding of healthy fish and in turn serve as a driver for more sustainable and selective fishing. It will be up to the next Scottish Government to ensure that this new measure is implemented successfully to the benefit of fish stocks, fishing communities and the health of the wider marine environment.

WHAT BENEFITS?

A clear strategy for successful implementation of the discard ban will give consumers the confidence that when they purchase Scottish caught fish they are buying a high quality sustainable product. Effective monitoring and control will provide the necessary assurances that vessels are complying with the ban. More fish being left in the sea to grow and reproduce will ultimately help to rebuild stocks to healthy levels. This should result in greater revenue to the fishing industry and could mean greater numbers of fisheries achieving Marine Stewardship Council (MSC) sustainability certification, which is known to increase access to markets for fishermen.

REFERENCES

1. Based on Energy Bill Revolution, 'Building the Future: The economic and fiscal impacts of making homes energy efficient', 2014: <http://www.energybillrevolution.org/wp-content/uploads/2014/10/Building-the-Future-The-Economic-and-Fiscal-impacts-of-making-homes-energy-efficient.pdf>
2. Scottish House Condition Survey 2013 <http://www.gov.scot/Topics/Statistics/SHCS>
3. Consumer Futures Scotland, 'Economic impact of improving the energy efficiency of fuel poor households in Scotland,' 2014: <http://www.consumerfutures.org.uk/files/2014/03/Economic-impact-of-energy-efficiency-investment-in-Scotland.pdf>
4. Ricardo AEA 'Renewable energy in Scotland in 2030', forthcoming, commissioned by WWF Scotland, Friends of the Earth Scotland and RSPB Scotland.
5. Ricardo AEA 'Renewable energy in Scotland in 2030', forthcoming, commissioned by WWF Scotland, Friends of the Earth Scotland and RSPB Scotland.
6. Scottish Government 'Heat Generation Policy Statement', June 2015 <http://www.gov.scot/Resource/0047/00478997.pdf>
7. 'Heat Generation Policy Statement'
8. Green Alliance for the Low Carbon Infrastructure Taskforce, 'Scotland's Way Ahead: The Case for Low Carbon Infrastructure in Scotland', August 2015: https://scotlands-way-ahead.s3.amazonaws.com/sites/55816da1126f04bc01000002/assets/55d5ccfb126f046a8d00000b/Foundation_Report_Summary_Web.pdf
9. 'Scotland's Way Ahead: The Case for Low Carbon Infrastructure in Scotland' <https://scotlandswayahead.org.uk/news/scotlands-way-ahead-the-case-for-low-carbon-infrastructure-in-scotland>
10. Scottish Government, 'Skills for Scotland: Accelerating the Recovery and Increasing Sustainable Economic Growth', 2010 <http://www.gov.scot/>
11. Based on a scenario in DNV GL's analysis for WWF Scotland, 'Pathways to Power: Scotland's Route to Clean, Renewable, Secure Electricity by 2030', 2015: <http://assets.wwf.org.uk/downloads/pathwaystopower.pdf>
12. Department for Business, Innovation and Skills, 'The size and performance of the UK Low Carbon Economy', March 2015: https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/416240/bis-15-206-size-and-performance-of-uk-low-carbon-economy.pdf
13. Scottish Government, 'Energy Statistics Summary', June 2015: <http://www.gov.scot/Topics/Statistics/Browse/Business/Energy/energysumjun2015>
14. Written answer provided by Amber Rudd MP, 16 October 2014, to Question 210931 submitted by Dr Eilidh Whiteford MP
15. Based on a scenario in DNV GL's analysis for WWF Scotland, 'Pathways to Power: Scotland's Route to Clean, Renewable, Secure Electricity by 2030,' 2015: <http://assets.wwf.org.uk/downloads/pathwaystopower.pdf>
16. Berkeley Lab Electricity Markets & Policy Group, Technical Brief, April 2015. Analysed electricity efficiency programs, domestic and commercial, in 20 US states from 2009 - 2013. <http://emp.lbl.gov/sites/all/files/total-cost-of-saved-energy.pdf>
17. See also OFGEM: <https://www.ofgem.gov.uk/monitoring-market/wholesale-market-indicators>
18. Scottish Government, 'Scotland's Marine Atlas', March 2011: <http://www.gov.scot/Publications/2011/03/16182005/0>
19. Institute of Natural Resources and Spatial Planning at the University of Oviedo ofr Scottish Environment Link's Marine Taskforce, 'Valuing the Benefits of Designating a Network of Scottish MPAs in Territorial and Offshore Waters', November 2012: http://www.scotlink.org/files/publication/LINKReports/Valuing_the_benefits_MPA_Network_Scotland_Report_%28final%29.pdf
20. UK National Ecosystem Assessment, 'Chapter 19: Scotland', <http://uknea.unep-wcmc.org/LinkClick.aspx?fileticket=HI%2fCt3JoDng%3d&tabid=82>
21. Scottish Government, Press Release, May 2015, <http://news.scotland.gov.uk/News/Future-of-fishing-195e.aspx>
22. Marine Scotland, Economic Assessment of the Cost of Discards, January 2014, www.gov.scot/Resource/0044/00448293.docx
23. Scottish Government, Scottish Sea Fisheries Statistics 2014: <http://www.gov.scot/Publications/2015/09/1961>

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Manifesto 2016

100%
RECYCLED



2020

Scotland has a legal requirement to return our seas to a good environmental status by 2020

34

The age of child born on election day at the deadline for cutting emissions by 80% under Scotland's Climate Act- in 2050



1ST

Scotland can be the first nation in the EU to have almost entirely renewable electricity generation, in 2030

1 MILLION+

Estimated number of people in Scotland who celebrated our brilliant planet by taking part in Earth Hour 2015



Why we are here

To stop the degradation of the planet's natural environment and to build a future in which humans live in harmony with nature.

wwfscotland.org.uk

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