

|                              | <b>Conservative</b>  | <b>Green</b>   | <b>Labour</b>  | <b>Liberal Democrats</b>   |
|------------------------------|--|--|--|--|
| <b>Climate Change target</b> | <p>We believe that free markets, innovation and prosperity can protect the planet. Yet we recognise that there is far more that needs to be done.</p> <p>Aim to reach Net Zero by 2050</p>   | <p>Green New Deal: New green homes, new green transport and new green jobs will get us on track to reduce the UK's carbon emissions to net zero by 2030</p>  | <p>Green Industrial Revolution: we aim to achieve the substantial majority of our emissions reductions by 2030<br/>Net-zero-carbon energy system within the 2030s<br/>R&amp;D target 3% of GDP</p>   | <p>We will deliver a ten-year emergency programme to cut emissions substantially straightaway, and phase out emissions from the remaining hard-to-treat sectors by 2045 at the latest.<br/>New legally binding target to reduce net greenhouse gas emissions to zero by 2045 at the latest, and implement a comprehensive climate action plan, cutting emissions across all sectors</p>  |
| <b>Investment</b>            | <ul style="list-style-type: none"> <li>-research funding including £1 bn Ayrton Fund to develop affordable and accessible clean energy that will improve lives and help us to lead the world in tackling climate change.</li> <li>-new £500m Blue Planet Fund to help protect our oceans from plastic</li> <li>- £800m to build the first fully deployed carbon capture storage cluster</li> <li>-£500m to help energy-intensive industries move to low-carbon techniques</li> </ul> | <ul style="list-style-type: none"> <li>-Combined investment of over £100 billion a year</li> <li>-new public banking infrastructure to help deliver our ambitious programme and the Green New Deal</li> <li>-Regional Mutual Banks to provide funding to develop technologies which contribute to decarbonising the economy</li> </ul> | <ul style="list-style-type: none"> <li>-National Transformation Fund of £400 billion</li> <li>-National Investment Bank, backed up by a network of Regional Development Banks, to provide £250 billion of lending for enterprise, infrastructure and innovation over 10 years.</li> <li>-A Local Transformation Fund in each English region will be used exclusively to fund infrastructure projects decided at a local level</li> </ul> | <ul style="list-style-type: none"> <li>-Increase government expenditure on climate and environmental objectives, to at least five % of the total within 5 years.</li> <li>-Create a new Green Investment Bank and increase funding for Innovate UK, Catapult innovation and technology centres on farming and land use and on carbon dioxide removal.</li> <li>-Regulate financial services to encourage green investments</li> <li>-End support from UK Export Finance for fossil fuel-related activities, and press for higher environmental standards for export credit agencies throughout the OECD.</li> <li>-Additional £12 bn over five years to support its commitments</li> </ul> |

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| <b>Energy</b>    | <ul style="list-style-type: none"> <li>-range of outputs, focus on offshore wind, nuclear, energy storage &amp; CCS</li> <li>-ask communities to decide on their own design standards for new development, with local councils encouraged to build more beautiful architecture.</li> <li>- support the creation of environmentally friendly homes and expect all new streets to be lined with trees</li> <li>- £9.2 bn on the energy efficiency of homes, schools and hospitals (not in costings so must be through energy bills?).</li> <li>-moratorium on fracking</li> </ul> | <ul style="list-style-type: none"> <li>-Enable communities to develop own renewable energy projects</li> <li>-New support and incentives for wind, solar, storage, energy efficiency etc</li> <li>-all new buildings to Passivhaus standard or similar &amp; building regulations to improve current buildings</li> <li>-rented homes A rated for EE</li> <li>-long-term profits from energy assets come to the UK government rather than energy firms.</li> <li>-Remove subsidies to the oil and gas industries.</li> <li>-Apply a Carbon Tax on all fossil fuel imports and domestic extraction,</li> <li>-prohibit new nuclear; ban fracking</li> </ul> | <ul style="list-style-type: none"> <li>- We will deliver nearly 90% of electricity and 50% of heat from renewable and low-carbon sources by 2030.</li> <li>-Net-zero-carbon energy system within the 2030s</li> <li>-Public ownership of national grid, DNOs and supply arms of utilities. Windfall tax on oil companies</li> <li>-range of outputs – RE energy production, storage, EE</li> <li>-Zero-carbon homes standard for new homes</li> <li>-upgrade almost all of the UK’s 27 million homes to the highest energy-efficiency standards</li> <li>- expand distributed &amp; community energy</li> </ul> | <ul style="list-style-type: none"> <li>-An emergency programme to insulate all Britain’s homes by 2030, cutting emissions and fuel bills and ending fuel poverty by 2025.</li> <li>-Invest so that at least 80% of UK electricity is generated from renewables by 2030 &amp; ban fracking.</li> <li>-Implement the UK’s G7 pledge to end fossil fuel subsidies by 2025</li> <li>-support councils to develop local electricity generation, community energy saving projects &amp; require all new homes to have solar PV and new buildings to be to a zero-carbon standard by 2021, rising to Passivhaus standard by 2025.</li> <li>-Zero carbon heat strategy</li> <li>-Industry CCS</li> </ul> |
| <b>Transport</b> | <ul style="list-style-type: none"> <li>-invest in ‘superbus networks’</li> <li>-various rail investment priorities</li> <li>-accountability of railways important, not ownership – so simplified franchises</li> <li>-new £350m cycling infrastructure fund</li> <li>-£28.8 billion investment in strategic and local roads.</li> <li>-range of measures to support electric vehicle transition</li> <li>- consult on earliest date to phase out sale of new petrol and diesel vehicles (current commitment 2040)</li> </ul>  | <ul style="list-style-type: none"> <li>-£2.5 bn on new cycleways and footpaths</li> <li>-Reducing cost of travel on public transport</li> <li>-Local authorities control over bus services, bus priority, funding for improvements</li> <li>-Improve rail services, new connections, for passengers and freight</li> <li>-Carbon tax apply to aviation fuel, introduce a frequent flyer levy</li> <li>-No new runways</li> <li>-End sale of new petrol or diesel vehicles by 2030</li> </ul>   | <ul style="list-style-type: none"> <li>-enable councils to improve bus services by regulating and taking public ownership of bus networks</li> <li>-bring railways back into public ownership &amp; deliver investment in new lines &amp; electrification</li> <li>-promote rail freight, cycling &amp; walking</li> <li>-recognise pressure on airport capacity and to examine fiscal and regulatory options.</li> <li>-support electric vehicle transition &amp; end new sales of combustion engine vehicles by 2030.</li> </ul>  | <ul style="list-style-type: none"> <li>-Invest in public transport, walking and cycling, rail freight</li> <li>-reform rail franchising &amp; extend network</li> <li>-powers to local authorities &amp; £4.5bn programme for bus services</li> <li>-£2bn UL Emissions Zones initiative</li> <li>-all new cars electric by 2030, accelerate take-up through taxation, cutting VAT on EVs to 5%</li> <li>-accelerate new technologies &amp; cut demand for flying, reform taxation of international flights focusing on frequent flyers</li> <li>-moratorium on new runways</li> </ul>  |

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| <b>Tree planting, farming &amp; food</b>  | <p>-75,000 acres of trees a year<br/>£640 million new Nature for Climate fund.</p> <p>-Farming subsidy will involve ‘public money for public goods’. In return for funding, they must farm in a way that protects and enhances our natural environment, as well as safeguarding high standards of animal welfare.</p> | <p>-700m new trees<br/>-aim for 50% of farms involved in agroforestry by 2030<br/>-help farmers transition to more sustainable farming<br/>-reduce pesticide and fungicide use by at least 50% by overall weight by 2022<br/>-support the transition to plant-based diets by phasing in a tax on meat and dairy products over the next ten years</p>   | <p>-net-zero-carbon food production in Britain by 2040</p> <p>-ambitious programme of tree planting, with both forestry and native woodland species.</p>   | <p>-Protect nature and the countryside, tackling biodiversity loss and plant 60 million trees a year to absorb carbon, protect wildlife and improve health.</p>   |
| <b>Plastics &amp; resource efficiency</b> | <p>-introduce a new levy to increase the proportion of recyclable plastics in packaging.<br/>-introduce extended producer responsibility, so that producers pay the full costs of dealing with the waste they produce, and boost domestic recycling.<br/>-ban the export of plastic waste to non-OECD countries,</p>  | <p>-Ban the production of single-use plastics for use in packaging and invest in research and development into alternatives to plastic.</p> <p>-extend the successful tax on plastic bags to cover plastic bottles, single-use plastics and microplastics, and extend plastic bottle deposit schemes.</p> <p>- manufacturers and retailers to be required to pay the full cost of recycling and disposing of the packaging</p> | <p>-make producers responsible for the waste they create and for the full cost of recycling or disposal</p> <p>-back bottle-return schemes.</p> <p>-invest in new recyclable steel and plastics remanufacturing industries</p> | <p>-Ban non-recyclable single-use plastics and replace them with affordable alternatives. Ambition to end plastic waste exports by 2030.<br/>-Establish a statutory waste recycling target of 70 per cent in England<br/>-Introduce legally binding targets for reducing the consumption of key natural resources and other incentives for businesses to improve resource efficiency.<br/>-Invest in large scale restoration of degraded habitats.<br/>-Extend deposit return schemes</p> |
| <b>Trade</b>                              | <p>-dismantle barriers to trade<br/>-we will not compromise on our high environmental protection, animal welfare and food standards.</p>  |  | <p>-uphold the highest environmental and social regulations in all our trade relations</p>   |   |