General Election 2019: Party Manifesto Commitments on Energy and Climate Change



Topics:

Overall view of Energy and the Environment | Overall Green Programme | Independent Environmental Body | Treasury Responsibility and Public Procurement | Regulators | Green Finance Rules | Energy Generation | Citizens Assembly | Environmental Regulation | Brexit, Trade and the Environmental Regulation & Trade | Internal Energy Market | Circular Economy and Resource Efficiency | Plastics | Food Waste | Local Authorities | Energy Distribution | Nationalisation | Reducing UK Emissions | Investment and R&D | Just Transition - Skills | Wind and Solar | Marine & Tidal | Energy Storage and smart grids | Hydrogen | Carbon Capture and Storage | Nuclear | Fracking | Fuel Poverty | Renewable Heat | Oil and Gas | Industries | Community Energy | Transport - Electric Vehicles and ULEV | Transport - Freight | Transport - Aviation | Public Transport | Environment inc. Soils | Forestry & Biomass as a Resource | Agriculture | Air Quality | Business Rates | Buildings

	Conservatives	Labour	Liberal Democrats
Overall view of Energy and the Environment	Deliver on the target of Net Zero greenhouse gas emissions by 2050. Prioritise the environment in the next Budget, investing in the infrastructure, science and research that will deliver economic growth, not just through the 2020s, but for decades to come.	We will develop the recommendations of our '30 by 2030' report to put the UK on track for a net-zero-carbon energy system within the 2030s – and go faster if credible pathways can be found. We will deliver nearly 90% of electricity and 50% of heat from renewable and low-carbon sources by 2030.	We offer a new plan to innovate our way out of crisis. To mobilise every community in the country, and the resources of both the public and private sector to achieve it. To turn the birthplace of the industrial revolution into the home of the new Green Revolution.
		Labour will kick-start a Green Industrial Revolution that will create one million jobs in the UK to transform our industry, energy, transport, agriculture and our buildings, while restoring nature. We will put people and planet before profit by bringing our energy and water systems into democratic public ownership.	The Liberal Democrats have the thought-through, deliverable plan for that new Green Future – in place of the Dutch auction of fantasy dates for Britain to achieve net zero greenhouse gas emissions offered by the other parties. We will deliver a ten-year emergency programme to cut emissions substantially straight away, and phase out emissions from the

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Overall Green Programme	Set up a new Office For Environmental Protection. Will set up a new international partnership to tackle deforestation and protect vital landscapes and wild life corridors.	We will launch a Green New Deal which aims to achieve the substantial majority of our emissions reductions by 2030. We will launch a National Transformation Fund of £400 billion	We will deliver a ten-year emergency programme to cut emissions substantially straight away, and phase out emissions from the remaining hard-to-treat sectors by 2045 at the latest.
[back to top]	Will establish a new £500 million Blue Planet Fund to help protect Oceans. Extend the Blue Belt programme to preserve the maritime environment.		Establish a Department for Climate Change and Natural Resources,
Independent	Set up a new Office For Environmental	We will ask the Office for Budget	Guarantee an Office of Environmental
Environmental	Protection.	Responsibility to incorporate	Protection that is fully independent of
Body		climate and environmental impacts into its forecasts so that the cost of not acting	government, and possesses powers and resources to enforce compliance
		will be factored into every fiscal decision.	with climate and environmental
[back to top]			targets.
Treasury	No mention.	Labour will create a Sustainable	Appoint a cabinet-level Chief Secretary
Responsibility and		Investment Board to bring together	for Sustainability in the Treasury to
Public		the Chancellor, Business Secretary and	coordinate government-wide action to
Procurement		Bank of England Governor to oversee,	make the economy sustainable
		co-ordinate and bring forward this	resource-efficient and zero-carbon,
		investment – involving trade unions and business.	and require every government agency to account for its contribution towards meeting climate targets.
		We will rewrite the Treasury's investment	
		rules to guarantee that every penny spent is compatible with our climate and	Increase government expenditure on climate and environmental objectives,

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		environmental targets – and that the costs of not acting are fully accounted for too. Of this, £250 billion will directly fund the transition through a Green Transformation Fund dedicated to renewable and low-carbon energy and transport, biodiversity and environmental restoration.	reaching at least five per cent of the total within five years. Expand the market for green products and services with steadily higher green criteria in public procurement policy
[back to top]		Whenever public money is invested in an energy generation project, the public sector will take a stake and return profits to the public.	
Regulators [back to top]	No mention.	See Nationalisation plans We will fully fund the Environment Agency and other frontline environment agencies, and improve upstream river management.	Ensure that the National Infrastructure Commission, National Grid, the energy regulator Ofgem, and the Crown Estate work together to deliver our net zero climate objective. Increase the budget for the Department for the Environment, Food and Rural Affairs, ensuring that agencies such as Natural England and the Environment Agency are properly funded.
Green Finance Rules	Will ask other UN members to match the UK's decision to double international Climate Finance at the UN Climate Change Summit in Glasgow in 2020.	Change the criteria a company must meet to be listed on the London Stock Exchange so that any company that fails to contribute to tackling the climate and environmental emergency is delisted. Improve the fitness of the financial	Require all companies registered in the UK and listed on UK stock exchanges to set targets consistent with the Paris Agreement on climate change and to report on their implementation; and establish a general corporate duty of care for the environment and human

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	Conservatives	Labour	Liberal Democrats
		authorities to mobilise green investment and by giving them powers to manage the risk to financial stability posed by short-sighted investment in polluting assets Whenever public money is invested in an energy generation project, the public sector will take a stake and return profits to the public.	Regulate financial services to encourage green investments, including requiring pension funds and managers to show that their portfolio investments are consistent with the Paris Agreement, and creating new powers for regulators to act if banks and other investors are not managing climate risks properly End support from UK Export Finance for fossil fuel-related activities, and press for higher environmental standards for export credit agencies throughout the OECD.
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Energy Generation	Increase offshore wind capacity to 40GW by 2030 and enable new floating wind farms. Increase commitment to renewables sector.	Develop the recommendations of our '30 by 2030' report to put the UK on track for a net zero-carbon energy system within the 2030s – and go faster if credible pathways can be found.	Accelerate the deployment of renewable power, providing more funding, removing the Conservatives' restrictions on solar and wind and building more interconnectors to guarantee security of supply; we aim
	Support gas for hydrogen production.	Deliver nearly 90% of electricity and 50% of heat from renewable and low-carbon sources by 2030.	to reach at least 80 per cent renewable electricity in the UK by 2030.
	Support nuclear energy including fusion.		Expand community and decentralised energy, support councils to develop
	No support for fracking unless science proves extraction can be done safely.		local electricity generation and require all new homes to be fitted with solar

	Conservatives also rule out changes to the planning system.		panels. Ban fracking because of its negative impacts on climate change, the energy mixand the local environment. Support investment and innovation in cutting-edge energy technologies, including tidal and wave power, energy storage, demand response, smart grids and hydrogen. Provide an additional £12 billion over five years to support these commitments, and ensure that the National Infrastructure Commission, National Grid, the energy regulator
[back to top]			Ofgem, and the Crown Estate work together to deliver our net zero climate objective.
Citizens Assembly [back to top]	No mention.	Renewal of our Parliament will be subject to recommendations made by a UK-wide Constitutional Convention, led by a citizens' assembly. (NB not directly connected to the environment)	Establish UK and local Citizens' Climate Assemblies to engage the public in tackling the climate emergency.
Environmental Regulation	Introduction of an Environment Bill.	Labour will review and improve protected area designations, from National Parks to local nature reserves and urban green spaces. We will introduce a Climate and	Introduce a Nature Act to restore the natural environment through setting legally binding near-term and longterm targets for improving water, air, soil and biodiversity, and supported by funding streams of at least £18 billion

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[back to top]		Environment Emergency Bill setting out in law robust, binding new standards for decarbonisation, nature recovery, environmental quality and habitats and species protection.	over five years.
Brexit, Trade and the Environment	We will increase the annual quota for the Seasonal Agricultural Workers Scheme we are piloting from 2,500 to 10,000 Upon leaving the EU, we will leave the Common Fisheries Policy, becoming an independent coastal state and taking back control of our waters. We will maintain funding for fisheries across the UK's nations throughout the Parliament and support the regeneration of our coastal communities.	We will maintain and continuously improve the existing EU standards of environmental regulation.	Use our role in the EU to tackle the climate emergency, by setting a binding, EU-wide net zero target of 2050, and continuing to take part in the EU's Internal Energy Market, to provide access to clean energy sources while keeping costs low Strengthen climate and environmental goals in EU trade and investment agreements and refuse to enter any trade agreements with countries that have policies counter to the Paris Agreement, including the Mercosur-EU free trade agreement because of the Brazilian government's actions in the
[back to top]			Amazon
Internal Energy Market	Keep existing energy cap and introduce new measures to lower energy bills. Will give the Competition and Markets	Not mentioned	Use our role in the EU to tackle the climate emergency, by setting a binding, EU-wide net zero target of 2050, and continuing to take part in
	Authority enhanced powers 'to tackle		the EU's Internal Energy Market, to

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[back to top]	consumer rip-offs and bad business practices.'		provide access to clean energy sources while keeping costs low
Circular Economy and resource efficiency	No mention of circular economy or resource efficiency.	Make producers responsible for the waste they create and for the full cost of recycling or disposal. Encourage more sustainable design and manufacturing. Invest in three new recyclable steel plants We will make producers responsible for the waste they create and for the full cost of recycling or disposal, encouraging more sustainable design and manufacturing. In government in Wales, Labour has transformed the position of recycling, placing them in the top five globally for recycling rates. A UK Labour government will learn from Wales' example, and will also back bottle-return schemes.	Introduce a Zero-Waste and Resource Efficiency Act. Establishing a statutory waste recycling target of 70 per cent in England, extend separate food waste collections to at least 90 per cent of homes by 2024, and strengthen incentives to reduce packaging and reduce waste sent to landfill and incineration. Benefit consumers through better product design for repairability, reuse and recycling, including extending the forthcoming EU 'right to repair' legislation for consumer goods, so helping small repair businesses and community groups combat 'planned obsolescence'. Introducing legally binding targets for reducing the consumption of key natural resources and other incentives for businesses to improve resource efficiency.
[back to top] Plastics	We will ban the export of plastic waste	We'll also take on the global plastics crisis	Banning non-recyclable single-use
riastics	to non-OECD countries, consulting with industry, NGOs and local councils on	by investing in a new plastics remanufacturing industry	plastics and replace them with affordable alternatives, aiming for

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[back to top]	the date by which this should be achieved. We will increase penalties for flytipping, make those on community sentences clean up their parks and streets, and introduce a deposit return scheme to incentivise people to recycle plastic and glass. We will continue to lead the world in tackling plastics pollution, both in the UK and internationally, and will introduce a new levy to increase the proportion of recyclable plastics in packaging. We will introduce extended producer responsibility, so that producers pay the full costs of dealing with the waste they produce, and boost domestic recycling.	creating thousands of jobs, ending exports of plastic waste and reducing our contribution to ocean pollution.	their complete elimination within three years, as a first step towards ending the 'throwaway society' culture and an ambition to end plastic waste exports by 2030. Extending deposit return schemes for all food and drink bottles and containers, working with the devolved administrations to ensure consistency across the UK. Initiate negotiations within the UN for a legally binding international treaty on plastics reduction.
Food Waste	No mention	Labour will introduce A Right to Food. We will end 'food bank Britain'. We will ensure everyone has access to healthy, nutritious, sustainably produced food. We will halve food bank usage within a year and remove the need for them altogether in three years. We will establish a National Food Commission and review the Allotments Act. We will make food security a reason to	Separate food waste collections to at least 90 per cent of homes by 2024, Introduce a National Food Strategy, including the use of public procurement policy, to promote the production and consumption of healthy, sustainable and affordable food and cut down on food waste.

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		intervene in the economy and work with	
[back to top]		local councils to minimise food waste	
Local Authorities	No mention in relation to environment.	We will make food security a reason to intervene in the economy and work with local councils to minimise food waste	Create a statutory duty on all local authorities to produce a Zero Carbon Strategy, including plans for local energy, transport and land use, and devolve powers and funding to enable every council to implement it. Empower councils to develop community energy-saving projects, including delivering housing energy efficiency improvements street by street, which cuts costs.
[back to top]			Give new powers to local authorities and communities to improve transport in their areas, including the ability to introduce network-wide ticketing, like in London.
Energy Distribution [back to top]	Our first Budget will prioritise the environment: electric vehicle infrastructure including a national plug-in network and gigafactory; and clean energy.	Expand power storage and invest in grid enhancements and interconnectors Expand distributed and community energy.	Support investment and innovation in cutting-edge energy technologies, including tidal and wave power, energy storage, demand response, smart grids and hydrogen.
Nationalisation	No plans to nationalise energy.	We will put people and planet before profit by bringing our energy and water systems into democratic public ownership.	No plans to nationalise energy

Bring the national grid back into public

Labour

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		ownership and create a new UK National Energy Agency, which will own and maintain the national grid infrastructure and oversee the delivery of decarbonisation targets.	
		Create 14 new Regional Energy Agencies that will replace the existing district network operators and hold statutory responsibility for decarbonising electricity and heat and reducing fuel poverty. Bring into public ownership the supply arms of the Big Six energy companies where they will supply households with	
[back to top]		energy while helping them to reduce their energy demands.	
Reducing UK	Deliver on the target of Net Zero	Instruct the Committee on Climate	Support the Paris Agreement by
Emissions	greenhouse gas emissions by 2050. Will ask other UN members to match the UK's decision to double international Climate Finance at the UN Climate Change Summit in Glasgow in 2020.	Change (CCC) to assess the emissions the UK imports as well as those it produces, and recommend policies to tackle them, including making UK industry the greenest in the world.	playing a leadership role in international efforts to combat climate change, demonstrating commitment by rapidly reducing emissions from the UK economy, increasing development spending on climate objectives and aiming to persuade all countries to commit to net zero climate goals by the 2020 UN climate conference in Glasgow
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Investment and R&D	Will Continue to collaborate internationally and with the EU on	Set a target for 3% of GDP to be spent on research and development (R&D) by	Support investment and innovation in zero-carbon and resource-efficient

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Just Transition - Skills [back to top]	Conservatives acknowledge that the oil and gas sector has a key role to play in the move to a Net Zero economy and pledges to support the transition in the next Parliament with 'a transformational sectoral deal.' Focus will be on the North Sea oil and gas industry.	Launch a Climate Apprenticeship programme to enable employers to develop the skills needed to lead the world in clean technology. Introduce targeted bursaries to women, BAME people, care leavers, ex-armed forces personnel, and people with disabilities to encourage them to take up climate apprenticeships.	Provide Just Transition funding for areas and communities negatively affected by the transition to net zero greenhouse gas emissions
Wind and Solar	We will enable new floating wind.	Build 7,000 new offshore wind turbines	Accelerate the deployment of

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[back to top]		and 2,000 new onshore wind turbines	renewable power, providing more funding, removing the Conservatives'
		Build enough solar panels to cover 22,000 football pitches	restrictions on solar and wind and building more interconnectors to guarantee security of supply; we aim to reach at least 80 per cent renewable electricity in the UK by 2030.
Marine & tidal [back to top]	No mention.	Labour will also trial and expand tidal energy	Support investment and innovation in cutting-edge energy technologies, including tidal and wave power, energy storage, demand response, smart grids and hydrogen.
Energy Storage and Smart grids	Once we have got Brexit done, we will turn our attention to the great challenges of the future such as clean energy and advanced energy storage They promise: electric vehicle infrastructure including a national plug-in network and gigafactory; and clean energy.	Expand power storage and invest in grid enhancements and interconnectors To balance the grid, we will expand power storage and invest in grid enhancements and interconnectors.	Support investment and innovation in cutting-edge energy technologies, including tidal and wave power, energy storage, demand response, smart grids and hydrogen. Support innovation in zero-emission technologies, including batteries and hydrogen fuel cells, supplementing government funding with a new Clean Air Fund from industry.
Hydrogen	We will support gas for hydrogen production	We will fund R&D into newer technologies like hydrogen and carbon capture and storage.	Support investment and innovation in cutting-edge energy technologies, including tidal and wave power, energy storage, demand response, smart grids and hydrogen. Support innovation in zero-emission technologies, including batteries and

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[back to top]			hydrogen fuel cells, supplementing government funding with a new Clean Air Fund from industry.
Carbon Capture and Storage	Invest £800 million to build the first fully deployed carbon capture storage cluster by the mid-2020s.	We will establish a Foundation Industries Sector Council to provide a clean and long-term future for our existing heavy	Reduce emissions from industrial processes by supporting carbon capture and storage and new low-
[back to top]	Invest £500 million to help energy- intensive industries move to low-carbon techniques.	industries like steel and glass and fund R&D into newer technologies like hydrogen and carbon capture and storage.	carbon processes for cement and steel production.
Nuclear	We will maintain our Trident nuclear deterrent, which guarantees our security	Build New nuclear power needed for energy security.	No mention of nuclear energy
[back to top]	We will support gas for hydrogen production and nuclear energy, including fusion, as important parts of the energy system, alongside increasing our commitment to renewables.		
Fracking [back to top]	We placed a moratorium on fracking in England with immediate effect. Having listened to local communities, we have ruled out changes to the planning system. We will not support fracking unless the science shows categorically that it can be done safely.	Permanently ban fracking.	Ban fracking because of its negative impacts on climate change, the energy mix and the local environment.
Fuel Poverty [back to top]	Keep winter fuel payments.	We will kick-start a Green Industrial Revolution to tackle the climate emergency by shifting to renewable energy, investing in rail and electric cars, and making housing energy efficient, to reduce fuel poverty and excess winter deaths.	Cut energy bills, end fuel poverty by 2025

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Renewable Heat	No mention.	Deliver nearly 90% of electricity and 50%	Adopt a Zero-Carbon Heat Strategy,
		of heat from renewable and low-carbon	including reforming the Renewable
		sources by 2030.	Heat Incentive, requiring the phased
		,	installation of heat pumps in homes
		As part of heat decarbonisation, we will	and businesses off the gas grid, and
		roll out technologies like heat pumps,	piloting projects to determine the best
		solar hot water and hydrogen, and invest	future mix of zero-carbon heating
		in district heat networks using waste heat.	solutions.
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Oil and Gas	Conservatives acknowledge that the oil	Introduce a windfall tax on oil companies,	Implement the UK's G7 pledge to end
Industries	and gas sector has a key role to play in	so that the companies that knowingly	fossil fuel subsidies by 2025,
	the move to a Net Zero economy and	damaged our climate will help cover the	
	pledges to support the transition in the	costs	Argue for an end to all fossil fuel
	next Parliament with 'a		subsidies world-wide and provide aid
	transformational sectoral deal.' Focus		to developing countries to help them
[back to top]	will be on the North Sea oil and gas		transition to clean sources of energy.
	industry.		
Community	No mention.	We will expand distributed and	Expand community and decentralised
Energy		community energy	energy, support councils to develop
			local electricity generation and require
			all new homes to be fitted with solar
[back to top]			panels.
Transport -Electric	We will invest £1 billion in completing a	We will position the UK at the forefront of	Investing in public transport, buses,
Vehicles and	fast-charging network to ensure that	the development and manufacture of	trams and railways to enable people to
ULEVs	everyone is within 30 miles of a rapid	ultra-low emission vehicles and will	travel more easily while reducing their
	electric vehicle charging station.	support their sale.	impact on the environment.
	We will consult on the earliest date we	We will invest in electric vehicle charging	Accelerating the transition to ultra-low-
	can phase out the sale of new	infrastructure and in electric community	emission transport – cars, buses and
	conventional petrol and diesel cars,	car clubs.	trains – through taxation, subsidy and

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	while minimising the impact on drivers and businesses	We will accelerate the transition of our	regulation.
	and businesses	public sector car fleets and our public	Accelerate the rapid take-up of electric
		buses to zero-emissions vehicles.	vehicles by reforming vehicle taxation, cutting VAT on EVs to 5 per cent and increasing the rate of installation of charging points, including residential on-street points and ultra-fast chargers at service stations. We will ensure that, by 2030, every new car and small van sold is electric.
[back to top]			Extend Ultra-Low Emission Zones to ten more towns and cities in England and ensure that all private hire vehicles and new buses licensed to operate in urban areas are ultra-low-emission or zero-emission vehicles by 2025; we will provide £2 billion to support this transformation
Transport –	No mention.	We will promote the use of rail freight in	Shift more freight from road to rail,
Freight		order to reduce carbon emissions, air	including electrifying lines leading from
[back to top]		pollutants and congestion on the roads and expand the provision of publicly owned rail freight services.	major ports as an urgent priority, and amend the current HGV road user levy to take account of carbon emissions.
Transport -	Parliament has voted in principle to	No Mention	Reduce the climate impact of flying by
Aviation	support a third runway at Heathrow, but		reforming the taxation of international
	it is a private sector project. It is for		flights to focus on those who fly the
	Heathrow to demonstrate that it can		most, while reducing costs for those
	meet its air quality and noise obligations,		who take one or two international
	that the project can be financed and built		return flights per year, placing a

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[back to top]	and that the business case is realistic. The scheme will receive no new public money. More broadly, we will use new air traffic control technology to cut the time aircraft spend waiting to land, reducing delays, noise nuisance and pollution. We will also build on Britain's pioneering work in electric and low-carbon flight.		moratorium on the development of new runways (net) in the UK, opposing any expansion of Heathrow, Gatwick or Stansted and any new airport in the Thames Estuary, and introducing a zero-carbon fuels blending requirement for domestic flights.
Public Transport	We will invest in electric buses, developing the UK's first all-electric-bus town.	Labour will ensure that councils can improve bus services by regulating and taking public ownership of bus networks, and we will give them resources and full legal powers to achieve this costeffectively Labour will deliver improvements for rail passengers by bringing our railways back into public ownership We will deliver rail electrification and expansion across the whole country, including in Wales.	Build on the successful Local Sustainable Transport Fund established by the Liberal Democrats when in government, and workplace travel plans, to reduce the number of cars – particularly single-occupancy cars – used for commuting, and encourage the development of car-sharing schemes and car clubs and autonomous vehicles for public use. Amend planning rules to promote sustainable transport and land use.
[back to top]			Convert the rail network to ultra-low- emission technology (electric or hydrogen) by 2035, and provide funding for light rail and trams.
Environment including Soils	We will invest in nature, helping us to reach our Net Zero target with a £640	We will introduce a Climate and Environment Emergency Bill setting out in	Introduce a Nature Act to restore the natural environment through setting

	Conservatives	Labour	Liberal Democrats
	million new Nature for Climate fund. We welcome the Glover Review and will create new National Parks and Areas of Outstanding Natural Beauty, as well as making our most loved landscapes greener, happier, healthier and open to all. We will make the coast to coast path across the most beautiful areas of the North a National Trail.	law robust, binding new standards for decarbonisation, nature recovery, environmental quality and habitats and species protection. We will maintain and continuously improve the existing EU standards of environmental regulation.	legally binding near-term and long-term targets for improving water, air, soil and biodiversity, and supported by funding streams of at least £18 billion over five years. Protect and restore England's lakes, rivers and wetlands, including through reform of water management and higher water efficiency standards, and establish a 'blue belt' of marine protected areas covering at least 50 per cent of UK waters by 2030, in partnership with UK overseas
[back to top]			territories.
Forestry and Biomass as a Resource	Building on our support for creating a Great Northumberland Forest, we will reach an additional 75,000 acres of trees a year by the end of the next Parliament, as well as restoring our peatland.	We will embark on an ambitious programme of tree planting, with both forestry and native woodland species. We will ensure our NHS becomes a net zero-carbon service with an NHS Forest of	Combat climate change, and benefit nature and people by coordinating the planting of 60 million trees a year and introducing requirements for the greater use of sustainably harvested wood in construction.
[back to top]		one million trees	Invest in large scale restoration of peatlands, heathland, native woodlands ,saltmarshes, wetlands and coastal waters, helping to absorb carbon, protect against floods, improve water quality and protect habitats, including through piloting 'rewilding' approaches.
Agriculture	Once we have got Brexit done, we will free our farmers from the bureaucratic	Support sustainable local food and agriculture markets in the fight against	Reduce basic agricultural support payments to the larger recipients and

[back to top]	Common Agricultural Policy and move to a system based on 'public money for public goods'. We will increase the annual quota for the Seasonal Agricultural Workers Scheme we are piloting from 2,500 to 10,000.	climate change We aim to achieve net-zero-carbon food production in Britain by 2040.	redeploy the savings to support the public goods that come from effective land management, including restoring nature and protecting the countryside, preventing flooding and combating climate change through measures to increase soil carbon and expand native woodland.
Air Quality [back to top]	Introduce legal targets for air quality. Consult on how to phase out the sale of new conventional petrol and diesel cars.	Introduce a new Clean Air Act, with a vehicle scrappage scheme and clean air zones, complying with World Health Organisation limits for fine particles and nitrous oxides.	Pass a Clean Air Act, based on World Health Organisation guidelines, enforced by a new Air Quality Agency. The Act will enshrine the legal right to unpolluted air wherever you live. Extend Ultra-Low Emission Zones to ten more towns and cities in England; Support innovation in zero-emission technologies, including batteries and hydrogen fuel cells, supplementing government funding with a new Clean Air Fund from industry.
Business Rates	We will cut the burden of tax on business by reducing business rates.	Business rates are causing real issues for high-street retailers and others. A Labour government will review the option of a land value tax on commercial landlords as an alternative and develop a retail sector industrial strategy. A thriving steel industry will be vital to the Green Industrial Revolution. Labour will support our steel through public	Replace Business Rates in England with a Commercial Landowner Levy based solely on the land value of commercial sites rather than their entire capital value, thereby stimulating investment, and shifting the burden of taxation from tenants to landowners.

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[back to top]		procurement, taking action on industrial energy prices, exempting new capital from business rates, investing in R&D, building three new steel recycling plants and upgrading existing production sites	
Buildings	Invest £9.2 billion in the energy efficiency of homes, schools and hospitals.	We will introduce a zero-carbon homes standard for all new homes.	