

Benefits / opportunities and implications for WYCA of CGS policies and proposals

Policy / Proposal	Benefits / Implications for WYCA	Priority	Timing
<i>Accelerating Clean Growth</i>			
1a. Set up a Green Finance Taskforce to provide recommendations for delivery of the public and private investment we need to meet our carbon budgets and maximise the UK's share of the global green finance market.	Purpose of taskforce is to develop policy proposals which could further accelerate private sector investments to deliver the Strategy. Made up of representatives from the finance sector and government. WYCA should monitor the outputs of the taskforce to understand how it can assist in delivering the policy proposals that are developed.	Low	Done
1b. Work with the British Standards Institution to develop a set of voluntary green and sustainable finance management standards.	None.		
1c. Provide up to £20 million to support a new clean technology early stage investment fund.	A lack of detail is provided on this fund in the Strategy. WYCA should monitor further announcements related to this fund to ensure it has an understanding on how it can promote to businesses in the LCR. Depending on the nature of the fund, this could also be an opportunity for the Energy Accelerator and could form part of a devolution ask on energy.	Medium	TBC
1d. Work with mortgage lenders to develop green mortgage products that take account of the lower lending risk and enhanced repayment associated with more energy efficient properties.	No implications at this stage. Possible links into the Better Homes Yorkshire programme when final products are produced i.e. can the products be marketed to households which have had works undertaken as part of Better Homes Yorkshire or associated projects.	Low	2017
<i>Improving business and industry efficiency</i>			
2a. Following the outcome of the independent review of Building Regulations and fire safety, and subject to its	WYCA should look to respond to the consultation when it is published to ensure the proposals strike a balance between ambition and realism to ensure businesses are not impacted	Low	2018

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conclusions, consult on improving the energy efficiency of new and existing commercial buildings.	significantly by the changes. There is also a possible link to the REF, with regard to existing buildings, when the changes come into effect to assist businesses to make the transition to the new standards.		
2b. Consult on raising minimum standards of energy efficiency for rented commercial buildings.	See 2a.	Low	2018
2c. Explore how voluntary building standards can support improvements in the energy efficiency performance of business buildings, and how we can improve the provision of information and advice on energy efficiency to SMEs.	A lack of detail is provided on how voluntary business standards can be explored. WYCA should monitor further announcements related to these standards. Opportunity to feed learning from the REF on providing information and advice on energy efficiency to SMEs.	Low	2018
2d. Simplify the requirements for businesses to measure and report on energy use, to help them identify where they can cut bills.	These requirements are proposed to replace the Carbon Reduction Commitment. The replacement for this scheme may make it mandatory for WYCA to measure and report on energy use, something that it currently doesn't undertake. Proposals are currently out to consultation.	Medium	2019
3. Establish an Industrial Energy Efficiency scheme to help large companies install measures to cut their energy use and bills	A lack of detail is provided on the scheme in the Strategy. WYCA should monitor further announcements related to this scheme to ensure it has an understanding of how it can promote to the businesses which are targeted through the scheme. Depending on the nature of the fund, it could complement existing WYCA / LEP programmes including the Growth Service and REF. Potential to form part a devolution ask on energy.	Low	From 2017
4. Publish joint industrial decarbonisation and energy efficiency action plans with seven of the most energy intensive industrial sectors.	Action plans published. Of relevance to specific sectors within LCR e.g. glass, food and drink. WYCA should develop its understanding of how it can assist in delivering the action set	Medium	Done

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	out in these plans. Potential to complement existing WYCA / LEP programmes including the Growth Service and REF.		
5. Demonstrate international leadership in carbon capture usage and storage (CCUS), by collaborating with our global partners and investing up to £100 million in leading edge CCUS and industrial innovation to drive down costs.	Support includes funding for a carbon capture and utilisation demonstration programme to invest in new innovative technologies that capture and utilise carbon dioxide. Possible opportunities for collaboration between the LCRs universities e.g. Energy at Leeds and industry. Possible facilitation role for WYCA with links to H21 Leeds City Gate programme.	Low	2018
6. Work in partnership with industry, through a new CCUS Council, to put us on a path to meet our ambition of having the option of deploying CCUS at scale in the UK, and to maximise its industrial opportunity	None.		
7. Develop the strategic approach to greenhouse gas removal technologies, building on the Government's programme of research and development and addressing the barriers to their long term deployment.	None.		
8. Phase out the installation of high carbon forms of fossil fuel heating in new and existing businesses off the gas grid during the 2020s, starting with new build.	The LCR has significant rural areas which are off the gas grid. This proposal will have an effect on those businesses operating in those areas. There will be a role for WYCA to play in assisting those businesses affected by the proposal to transition to different forms of heating. In the first instance WYCA should monitor further announcements in relation to this proposal.	Low	2020s
9. Support the recycling of heat produced in industrial processes, to reduce business energy bills and benefit local communities.	Further details set out in the Strategy include the announcement of a consultation relating to an £18m industrial heat recovery fund. The focus here is manufacturers. The LCR has a significant manufacturing base and the fund could assist those eligible to utilise their waste heat resource. There could	Low	TBC

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	be a possible opportunity for the REF to assist those SMEs with waste heat to access the fund. There is also the possibility for the fund to be included in any devolution ask on energy.		
10a. Invest around £162 million of public funds in research and innovation in Energy, Resource and Process efficiency, including up to £20 million to encourage switching to lower carbon fuels.	Proposal includes a £9.2m Industrial Energy Efficiency Accelerator (to be run by the Carbon Trust) to help reduce emissions from UK industry by increasing the commercially viable options available, and up to £20m for competitions and demonstrations of firing industrial processes with low carbon fuels. WYCA will need to understand how it can promote and access these funds / link to Growth Hub, REF and innovation programmes /Energy Accelerator. A possible opportunity to form part of a devolution ask on energy.	Low	Up to 2021
10b. Support innovative energy technologies and processes with £14 million of further investment through the Energy Entrepreneurs Fund.	The EEF is a competitive funding scheme to support the development and demonstration of state of the art technologies, products and processes. There is a possible promotion exercise for WYCA to make those businesses in the LCR who might be interested in the EEF aware of it/ link to Growth Hub / REF and Innovation programmes / strategies.	Low	2017
<i>Improving our homes</i>			
11. Support around £3.6 billion of investment to upgrade around a million homes through the Energy Company Obligation (ECO), and extend support for home energy efficiency improvements until 2028 at the current level of ECO funding.	Scheme has been changed to focus on those households with low incomes. Better Homes Yorkshire scheme should look to access a portion of the funding available to allow the continuation of the excellent progress made to date. Possible opportunity to include as part of a devolution ask on energy.	High	To 2028
12. All fuel poor homes to be upgraded to Energy Performance Certificate (EPC) Band C by 2030 with the aspiration for as many	Government intends to consult on options in 2018. Depending on the detail Better Homes Yorkshire could potentially assist in meeting the target in the LCR. WYCA should monitor	Low	To 2035

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homes as possible to be EPC Band C by 2035 where practical, cost-effective and affordable.	announcements related to the proposal and be prepared to respond to any consultation that is undertaken.		
13. Develop a long term trajectory to improve the energy performance standards of privately rented homes, with the aim of upgrading as many as possible to EPC Band C by 2030 where practical, cost-effective and affordable.	See 13.	Low	2018
14. Consult on how social housing can meet similar standards to 13 over this period.	See 13.	Low	2018
15. Following the outcome of the independent review of Building Regulations and fire safety, and subject to its conclusions, we intend to consult on strengthening energy performance standards for new and existing homes under Building Regulations, including futureproofing new homes for low carbon heating systems.	WYCA should look to respond to the consultation when it comes out to ensure the proposals are realistic, deliverable and sufficiently ambitious to meet the LCR ambitions on energy.	Low	By 2019
16. Offer all households the opportunity to have a smart meter to help them save energy by the end of 2020.	Opportunity through the existing Better Homes Yorkshire programme to assist energy companies with the provision of smart metres to households.	Low	2020
17. Build and extend heat networks across the country, underpinned with public funding (allocated in the Spending Review 2015) out to 2021	The District Heat Programme oversees the development of a pipeline of 11 district heat network schemes in the LCR. Given the continued support from government for the development of heat networks, WYCA should continue to support the development of schemes in the LCR. WYCA should also look to investigate ways in which it can increase the likelihood of schemes in the LCR being able to access the £320m of capital support allocated for heat networks by the government.	High	On going to 2021

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18. Phase out the installation of high carbon fossil fuel heating in new and existing homes currently off the gas grid during the 2020s, starting with new homes.	There are significant rural areas in the LCR that are off the gas grid. There will be a role for WYCA to play, possibly through the Better Homes Yorkshire programme, to assist the transition to lower carbon forms of heating in off gas grid areas.	Low	2020s
19. Improve standards on the 1.2 million new boilers installed every year in England and require installations of control devices to help people save energy.	WYCA will need to ensure control devices are installed where boilers are replaced as part of the Better Homes Yorkshire programme.	Low	Spring 2018
20. Invest in low carbon heating by reforming the Renewable Heat Incentive, spending £4.5 billion to support innovative low carbon heat technologies in homes and businesses between 2016 and 2021.	WYCA should look at opportunities to access the RHI as part of the Energy Accelerator, Better Homes Yorkshire and accommodation review project/ major projects.	Low	2017
21. Invest around £184 million of public funds, including two new £10 million innovation programmes to develop new energy efficiency and heating technologies to enable lower cost low carbon homes.	Two £10m innovation programmes will focus on new insulation materials, installation methods and business models for existing buildings and on making low carbon heating systems more affordable, better performing and attractive to the consumer. WYCA should look to promote the programmes to those businesses in the LCR who may be interested. Research, development and deployment is also focussed on the gas grid, and this presents opportunities to link in the H21 project. WYCA should monitor announcements related to the £184m and ensure partners involved in the H21 project are aware of the opportunities. In addition a possible opportunity to form part of a devolution ask on energy.	Medium	Up to 2021
<i>Accelerating the shift to low carbon transport</i>			
22. End the sale of new conventional petrol and diesel cars and vans by 2040.	Refresh various Transport strategies where necessary	Low	2017

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23. Spend £1 billion supporting the take-up of ultra-low emission vehicles (ULEV), including helping consumers to overcome the upfront cost of an electric car.	Promotional opportunity for WYCA to make consumers including businesses aware of the support available for purchasing ULEVs. Opportunity for WYCA to access funding support when, and if, it decides to replace its existing pool cars.	Low	On going
24a. Invest an additional £80 million, alongside £15 million from Highways England, to support charging infrastructure deployment.	WYCA should look to access this fund when more information becomes available, using the EV Strategy as the basis for determining locations for deployment. Possible opportunity to form part of a devolution ask on energy.	Medium	2017 - 2021
24b. Take new powers under the Automated and Electric Vehicles Bill, allowing the Government to set requirements for the provision of charging points.	Powers included in the Bill will need to be taken into account by WYCA when it is installing EV infrastructure.	Low	2017
25a. Provide £50 million for the Plug-in Taxi programme, which gives taxi drivers up to £7,500 off the purchase price of a new ULEV taxi, alongside £14 million to support 10 local areas to deliver dedicated charge points for taxis.	WYCA should look to secure a proportion of the £50m on offer to assist taxi drivers in the LCR to upgrade to a ULEV taxi, this is especially important in areas with poor air quality. Possible opportunity to form part of a devolution ask on energy. WYCA are one of the 10 areas selected to deliver dedicated charge points for taxis, securing £1.98m, the second highest grant award after Birmingham.	High	On going
25b. Provide £100 million for a national programme of support for retrofitting and new low emission buses in England and Wales.	Announced in the autumn 2016 budget. WYCA should look to access the funding in partnership with the bus operators in the LCR. Possible opportunity to form part of a devolution ask on energy.	High	TBC
26. Work with industry as they develop an Automotive Sector Deal to accelerate the transition to zero emission vehicles.	Unlikely role. Explore with partners	Low	TBC

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27. Announce plans for the public sector to lead the way in transitioning to zero emissions vehicles	Monitor announcements related to this proposal as may have implications for WYCA.	Low	TBC
28. Invest £1.2 billion to make cycling and walking the natural choice for shorter journeys.	Links to various transport and low emission strategies and the GBI Refresh and specifically priorities on green / blue networks and health. Need to ensure delivery plans for these priorities reflect the funding that may be on offer.	Medium	2020
29. Work to enable cost-effective options for shifting more freight from road to rail, including using low emission rail freight for deliveries into urban areas, with zero emission last mile deliveries.	Detail is lacking on this proposal within the Strategy. WYCA should monitor further announcements related to this proposal.	Low	2019
30. Position the UK at the forefront of research, development and demonstration of Connected and Autonomous Vehicle technologies, including through the establishment of the Centre for Connected and Autonomous Vehicles and investment of over £250 million, matched by industry.	WYCA should maintain an understanding of the potential future changes to technologies and the implications and opportunities for the LCR.		
31a. Ensure the UK builds on its strengths and leads the world in the design, development and manufacture of electric batteries through investment of up to £246 million in the Faraday Challenge.			
31b. Deliver trials of Heavy Goods Vehicle (HGV) platoons, which could deliver significant fuel and emissions savings.			
<i>Delivering clean, smart, flexible power</i>			
32a. Implement the smart systems plan, which will help consumers to use energy more flexibly and could unlock savings of up to £40 billion to 2050.	Unlikely role		

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32b. Work with Ofgem and National Grid to create a more independent system operator to keep bills low through greater competition, coordination and innovation across the system.	Adopt a watching brief		
32c. Respond to the forthcoming independent review into the cost of energy led by Professor Dieter Helm CBE.	Adopt a watching brief		
32d. Publish a draft bill to require Ofgem to impose a cap on standard variable and default tariffs across the whole market.	Adopt a watching brief		
33. Phase out the use of unabated coal to produce electricity by 2025.	Adopt a watching brief		
34. Deliver new nuclear power through Hinkley Point C and progress discussions with developers to secure a competitive price for future projects in the pipeline.	Adopt a watching brief		
35a. Up to £557 million for further Pot 2 Contract for Difference auctions, with the next one planned for spring 2019.	Opportunities for the Energy Accelerator.		
35b. Work with industry as they develop an ambitious Sector Deal for offshore wind, which could result in 10 gigawatts of new capacity, with the opportunity for additional deployment if this is cost effective, built in the 2020s.	Unlikely role		
36. Target a total carbon price in the power sector which will give businesses greater clarity on the total price they will pay for each tonne of emissions.	Limited detail included in the Strategy. Further details to be published in the autumn budget.	Low	Autumn 2017
37a. £265 million in smart systems to reduce the cost of electricity storage, advance innovative demand response technologies and develop new ways of balancing the grid.	WYCA should monitor further announcements in relation to this fund. Will be important to understand the number of businesses	Medium	Up to 2021

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	in the LCR which this fund could apply to. Links to universities especially University of Leeds and their work on smart systems.		
37b. £460 million in nuclear to support work in areas including future nuclear fuels, new nuclear manufacturing techniques, recycling and reprocessing, and advanced reactor design.	WYCA should monitor further announcements in relation to this fund. Will be important to understand the number of businesses in the LCR which this fund could apply to. Not a large nuclear sector in LCR so might be no benefits.	Low	Up to 2021
37c. £177 million to further reduce the cost of renewables, including innovation in offshore wind turbine blade technology and foundations.	WYCA should monitor future announcements in relation to this fund. Will be important to understand the number of businesses in the LCR which this fund could apply to.	Low	Up to 2021
<i>Enhancing the benefits and value of our natural resources</i>			
38. Design a new system of future agricultural support to focus on delivering better environmental outcomes, including addressing climate change more directly	WYCA should monitor this proposal closely given the clear links to the GBI Refresh and especially priority on upland management and sustainable agriculture. Possible opportunity for a devolution ask with regard to future agricultural subsidy.	High	Up to 2021
39. Establish a new network of forests in England including new woodland on farmland, and fund larger-scale woodland and forest creation, in support of our commitment to plant 11 million trees, and increase the amount of UK timber used in construction.	WYCA should work with the White Rose Forest on its new Delivery Plan to help deliver the proposal. The outputs of the Delivery Plan should be reflected in the GBI Refresh Delivery Plan. Additional proposals include establishing a stronger and more attractive carbon offset market including tree planting. WYCA should monitor announcements on this proposal and should look to position itself as the recipient of any offset payments through its projects and programmes.	Medium	2017 onwards
40. Work towards an ambition for zero avoidable waste by 2050, maximising the value extracted from resources, and minimising the negative environmental and carbon impacts associated with extraction, use and disposal.	Includes a proposal to explore how data can support the development of a network of resource efficiency clusters led by LEPs. Focus would be the development of local level strategies to drive resource efficiency. WYCA should monitor this proposal	Medium	Up to 2050

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	given the excellent work done to date on resource efficiency through the REF.		
41. Publish a new Resources and Waste Strategy to make the UK a world leader in terms of competitiveness, resource productivity and resource efficiency.	Monitor announcements in relation to the new Strategy and be prepared to respond to the opportunities that it provides, especially where these link to the REF and its future form.	Medium	2018
42. Explore new and innovative ways to manage emissions from landfill.	None.		
43. Support peatland through a £10 million capital grant scheme for peat restoration.	There are significant areas of peatland in the LCR, some of which is in a degraded state. WYCA, through the GBI Refresh, should look to work with partners to identify areas which could be applicable for the grant and apply when the fund becomes available. Could also form part of a devolution ask?	Medium	April 2018
44. Invest £99 million in innovative technology and research for agri-tech, land use, greenhouse gas removal technologies, waste and resource efficiency.	Limited information provided in the Strategy. WYCA should monitor announcements related to the proposal to ensure opportunities for LCR businesses and universities are not missed. Opportunity to work closely with YNYER LEP who identify the bioeconomy as a priority.	Low	Up to 2021
<i>Leading in the public sector</i>			
45. Agree tighter targets for 2020 for central government and actions to further reduce greenhouse gas emissions beyond this date.	None.		
46. Introduce a voluntary public sector target of a 30 per cent reduction in carbon emissions by 2020-21 for the wider public sector.	WYCA will need to decide whether it wishes to meet the voluntary target. Given the lack of progress in this area in the past meeting any target is likely to be a significant task. Findings from the voluntary scheme are likely to influence a mandatory	High	2018

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	public sector scheme. As a result WYCA will at some point be required to report on its emissions. Opportunities to support local partners.		
47. Provide £255 million of funding for energy efficiency improvements in England and help public bodies access sources of funding.	WYCA should look to access this fund to make energy efficiency improvements to its estate. Especially important to take into consideration for the accommodation review project / other major schemes. Opportunities to support local partners.	High	On going
<i>Government leadership in driving clean growth</i>			
48. Work with businesses and civil society to introduce a “Green Great Britain” week to promote clean growth.	Working with local authority partners, WYCA should look to promote Green Great Britain week when it is announced.	Low	2018
49. Reinstate a regular Clean Growth Inter-Ministerial Group responsible for monitoring the implementation of this Strategy and driving ambitious clean growth policies.	None.		
50. Report annually on our performance in delivering GDP growth and reduced emissions through an “Emissions Intensity Ratio”.	None.		