

Short-list Table of Actions – 25 Priority Actions

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Legend:

- Action type: A = direct action by partners, B = policy changes to encourage action by others, C = enabling others to make changes, D = encouraging others, E = lobbying and working with government departments
- Timeline: Short Term (to end 2023), Medium Term (to end 2025) and Long Term (to end 2030)
- Cost: this represents an indicative investment cost for the action. £ = <£1m, ££ = £1-10m, £££ = £10-100m, ££££ = >£100m.

Action #	Sector	Goal	Outcome	Action	Action type	Timeline	Lead partners	Supporting partners	Cost
4 Priority Action	Collaborative Action	Leveraging Community Action	Community Action Mutual Support Network	Convene and enable an online platform for community action groups including workplace action groups to share knowledge, be a marketplace for support and provide access to wider information.	D	Short term	Community Action Groups (inc Suffolk Greenprint Forum), Suffolk Climate Change Partnership	County Council, Private sector (cross sectoral)	£*
8 Priority Action		Fostering further stakeholder and supplier collaboration	Communications programme & working groups	Develop an ongoing programme of collaboration opportunities, by establishing a communication network and working groups for delivering the action plan.	D	Short term	Public Sector Partners	Community Action Groups, Private sector (cross sectoral)	£
11 Priority Action			To use the collective purchasing power of Suffolk Public Sector to drive further sustainability improvements within their supply chain and the potential local markets in Suffolk	Agree a minimum sustainability expectation to be included in all public sector procurement, such as Suffolk County Council's Climate Change Commercial Ask. ¹ This will support suppliers on their journey to be carbon net zero, recognising that the cost of change will vary between markets and that some markets will be further on their journey to reduce their carbon impact than others.	D	Short term	County Council, District and Borough Councils	Private Sector suppliers	£
13 Priority Action		Financing local climate action	Community Climate Finance	Support community finance initiatives e.g. community municipal bonds.	C	Short term	County Council, Community Action Groups, Community banks		£
14 Priority Action		Monitoring and communication of progress	Regular monitoring of progress in reducing emissions,	Form a monitoring working group of key stakeholders to work with the relevant data holders to develop a	A	Short term	County Council, Suffolk Office of Data & Analytics	District and Borough Councils,	£

¹ All public sector partners should adopt a similar approach in their procurement processes to the Climate Change Commercial Ask | Suffolk County Council: <https://www.suffolk.gov.uk/business/tenders-and-supplying-us/climate-change-commercial-ask/>

Action #	Sector	Goal	Outcome	Action	Action type	Timeline	Lead partners	Supporting partners	Cost	
			projections of future emissions and effectiveness of measures being introduced	framework of indicators that will be used on an annual basis to take stock of progress.				key data providers		
16 Priority Action	Sustainable homes	Behavioural change to use less energy	Energy saving promotional campaigns and support	Maintain and expand existing energy hubs providing information and support to access funding for energy efficiency measures and low carbon heating.	D	Short term Medium term Long term	County Council, District and Borough Councils	Greater South East Energy Hub	£	
21 Priority Action		Improved energy efficiency of homes.	Significant roll-out of draught proofing and insulation measures in homes.	Retrofit energy efficiency measures to homes in line with PAS 2035, supported by audits where needed, in line national policies and funding schemes and linked with Building Control to ensure appropriate application advice is provided.	A	Short term Medium term	County Council, District and Borough Councils	Social Housing Providers	££ - £££	
26 Priority Action		Transition to a fully decarbonised heat supply for homes.	Significant roll-out of individual heat pumps in homes	All Suffolk Local Planning Authorities to develop new policies to require new homes to be built in line with the 2025 Future Homes and PAS 2035 standards, including heat pumps or new heat networks or connection to existing heat networks.	B	Short term	District and Borough Councils	Greater South East Energy Hub, County Council	£	
29 Priority Action					Develop incentives to increase the uptake of heat pumps in private owner-occupied buildings in line with 2025 Future Homes and PAS 2035 standards.	B	Short term	District and Borough Councils	County Council	£££
32 Priority Action					Install low carbon heat networks where viable	Commission three feasibility studies to establish the techno-economic potential for low temperature or ambient loop heat networks in Ipswich, Lowestoft, Bury St Edmunds and smaller urban areas if applicable.	A	Short term	District and Borough Councils	County Council, Greater South East Energy Hub
42 Priority Action	Low carbon Transport	Increase sustainable transport readiness	Prepare for, and encourage a sustainable transport system	Accelerate the roll out and updating of travel plans and demand strategies with businesses and organisations across the county (such as schools and attractions) and including work from home strategies.	C	Short term, Medium term	County Council	District and Borough Councils, businesses, employers, schools and attractions	£	
47 Priority Action		Reduce demand for car use	Provide comprehensive active travel infrastructure	Identify and build key walking and cycling infrastructure on primary arterial routes and end of journey facilities at key nodes (work, public transport, shopping hubs, schools).	A	Medium term, Long term	County Council, District and Borough Councils		£ (identify) - ££ (build)	
51 Priority Action		Improve public transport	Identify and build further bus priority on key routes (bus lanes, priority signals etc).	A	Medium term	County Council	Suffolk Highways	£££		

Action #	Sector	Goal	Outcome	Action	Action type	Timeline	Lead partners	Supporting partners	Cost								
70 Priority Action		Transition to zero emission fleet	Develop comprehensive private vehicle charging infrastructure comprising of ~40,000 public and ~300,000 private chargers and incentivise electric vehicle (EV) uptake in private vehicles (estimated at ~ 330,000 EVs)	Develop a range of incentives that will encourage the uptake of EV along with a strategy to improve the charging point network on public owned property and local business premises.	C	Short term, Medium term, Long term	County Council, District and Borough Councils	Local businesses, UK Power Networks	£££								
72 Priority Action			Encourage low emission freight (targeted at ~50,000 vehicles)	Encourage low emission freight to support the development of Freeport East Hydrogen Hub and promote partnerships between local firms and the Hub so that local carbon reduction benefits can be maximised.	C & D	Medium	Hutchison Ports, East Suffolk Council, Suffolk County Council, Babergh and Mid-Suffolk Councils	New Anglia Local Enterprise Partnership, University of Suffolk	£££								
80 Priority Action	Industry and commercial energy use	Behavioural change to use less energy in I&C sector	Knowledge sharing	Provide support and platforms for knowledge sharing and feedback between businesses and industries.	D	Short term Medium term	Greater South East Energy Hub, Suffolk Climate Change Partnership	County Council, District and Borough Councils, New Anglia Local Enterprise Partnership, Chamber of Commerce	£								
83 Priority Action										Improved energy efficiency of buildings	Improved efficiency of lighting and heating	Develop a funding programme to continue funding (and expanding) schemes such as BEE Anglia or other energy efficiency and support schemes.	C	Short term Medium term Long term	County Council	Groundwork East, Norfolk & Waveney Enterprise Services, District and Borough Councils, HM Government	£ - ££
84 + 86 Priority Action										Heat decarbonisation in the commercial sector	Improved efficiency of lighting and heating	Retrofit energy efficiency measures to public sector buildings in line with PAS 2038 standard wherever possible, supported by audits where needed.	A	Short term Medium term	County Council, District and Borough Councils, Health and Police	Greater South East Energy Hub	£ - ££
89 Priority Action										More energy efficient	Improve efficiency of using heat	Work with industry in Suffolk to identify three opportunities for utilising waste heat, including	D	Medium term	County Council, District and Borough Councils	Greater South East Energy Hub, Private Industry	£

Action #	Sector	Goal	Outcome	Action	Action type	Timeline	Lead partners	Supporting partners	Cost
		industrial processes		matching of industrial supply and non-industrial demand by 2025.					
91 Priority Action			Fuel switching to electricity or hydrogen	Engage with Hydrogen East and Suffolk industry on the emerging hydrogen strategy for the region, and then engage with national government on their emerging hydrogen strategy.	A and E	Short term	County Council, District and Borough Councils	Greater South East Energy Hub, National Government, Health	£
92 Priority Action	Cleaner Power	Grow renewable energy capacity	Plan positively for renewables	Set ambitious and supportive renewable energy planning policies in updated Local Plans by having planners take an evidence-led approach to identifying areas where large-scale installations are most likely to be acceptable.	B	Short term, Medium term,	District and Borough Councils	Suffolk Climate Change Partnership, County Council	£
95 Priority Action		A smart & flexible grid	Increase grid capacity for new connections	Work with DNO (UKPN) to accelerate the deployment of flexibility mechanisms to make network capacity available for new connections.	C	Short term	UK Power Networks		£
99 Priority Action		National low carbon power infrastructure	Low carbon economy & skills	Actively support companies in local supply chains through targeted economic programmes, targeting support and investment in skills at low carbon infrastructure sectors, such as offshore wind and nuclear power and secure a local supply of these larger generation plants (for example through Power Purchase Agreements).	C	Short term, Medium term, Long term.	New Anglia Local Enterprise Partnership	District and Borough Councils	£
101 Priority Action		Public sector leadership on renewable electricity	Renewables on public sector buildings and land	Host renewables installations on public buildings, as well as public land holdings and brownfield land. Establish a collaborative relationship and work with community energy groups to co-develop the schemes where possible.	A	Short term, Medium term, Long term.	Public Sector Partners	Greater South East Energy Hub, New Anglia Local Enterprise Partnership, County, District and Borough Councils.	££
102 Priority Action		Renewables serving civic, government and infrastructure sites	Deliver opportunities for on-site or near-site renewable schemes to serve large energy users, like hospitals, universities, and transport infrastructure. Work with community energy groups where possible.	C	Short term, Medium term, Long term.	Public sector partners	Greater South East Energy Hub, County, District and Borough Councils	££	

Long-list Table of Actions – All 103 Actions

Action #	Sector	Goal	Outcome	Action	Type of action	Timeline	Lead partners	Supporting partners	Cost	
1	Collaborative action	Education, engagement and behaviour change programme	Mass public engagement campaign	Mass public education campaign on the climate emergency and behaviour change required. Multi-platform (TV, radio, social media). Scalable, could combine the resources of multiple councils nationwide, and interested private sector actors.	D	Short term	Public Sector Partners	Community Action Groups, Private sector (cross sectoral)	£	
2			Climate Action Information Hub	Climate change information hub / central repository for the public, council facilitated but enabling partners (community groups, businesses, others) to upload content - required behaviour, initiatives and schemes (public / private / third sector) scientific evidence, funding / support available etc	D	Short term	County Council	Private Sector, Community groups and champions	£* ²	
3			Community Climate Dialogues	Dialogues at the community / neighbourhood level in order to develop community strategies and local transition action plans, allowing communities to co-create and cooperatively own the solutions to the climate crisis.	D	Short term	Suffolk Climate Change Partnership	Community groups and champions	£*	
4		Priority Action	Leveraging Community Action	Community Action Mutual Support Network	Convene and enable an online platform for community action groups including workplace action groups to share knowledge, be a marketplace for support and provide access to wider information.	D	Short term	Community Action Groups (inc Suffolk Greenprint Forum) Suffolk Climate Change Partnership	Suffolk County Council, Private sector (cross sectoral)	£*
5				Climate action volunteers	Platform enabling the recruitment of volunteers for climate action, with community groups posting their needs including the creation of climate neighbourhood hubs,	D	Short term	Joint: County Council, Community Action Groups		£*
6				Nature based community engagement	Nature based engagement: there is a particular opportunity in Suffolk to enabling access of the public to nature, in partnership with nature-based solution providers including third sector, parks, local authorities and landowners.	D	Short term	Nature based solution providers including third sector	County Council, District and Borough Councils (planners, county, district level), parks and landowners.	£*
7				Climate Action Festival	Annual festival bringing together the actors in this field to educate on initiatives, entertain and engage the public in climate action (workshops, climate conversations, possibly in assembly style), in partnership with public, private and third sector.	D	Short term	Suffolk Climate Change Partnership	County, District, Borough and Parish Councils Community Action Groups	£*

² Costs marked with an asterisk (*) indicate where a community currency can be used to pay volunteers for their time reducing total GBP funding requirement. Such a community currency could be council backed in the sense that the council supports with set-up and promotion, which costs in the range of £50-200k.

Action #	Sector	Goal	Outcome	Action	Type of action	Timeline	Lead partners	Supporting partners	Cost
								Private Sector	
8 Priority Action		Fostering further stakeholder and supplier collaboration	Communications programme & working groups	Develop an ongoing programme of collaboration opportunities, by establishing a communication network and working groups for delivering the action plan.	D	Short term	Public Sector Partners	Community Action Groups, Private sector (cross sectoral)	£
9			Supporting innovation and enabling knowledge transfer and skills development for business community policy and place makers	Seek ways to strengthen our partnership with the Suffolk sustainability institute at the university of Suffolk through joint delivery of actions within the SCEP	A	Short term	County, District, Borough and Parish Councils University of Suffolk		£
10			Annual Conference	Annual conference bringing together those above.	D	Short term	County, District, Borough and Parish Councils	Community Action Groups, Private sector (cross sectoral)	£
11 Priority Action			To use the collective purchasing power of Suffolk Public Sector to drive further sustainability improvements within their supply chain and the potential local markets in Suffolk	Agree a minimum sustainability expectation to be included in all public sector procurement, such as Suffolk County Council's Climate Change Commercial Ask. ³ . This will support suppliers on their journey to be carbon net zero, recognising that the cost of change will vary between markets and that some markets will be further on their journey to reduce their carbon impact than others.	D	Short term	County Council, District and Borough Councils, Health, Police	Private Sector suppliers	£
12		Financing local climate action	Council backed carbon offsetting scheme	Council backed carbon offsetting scheme to channel funds into high-quality certified mitigation projects in Suffolk.	C	Medium term	County Council, District and Borough Councils Private Sector, Community Action Groups	Landowners	£
13 Priority Action			Community Climate Finance	Develop and Support community finance initiatives such as community municipal bonds.	C	Short term	County Council, Community Action Groups	Community banks	£

³ All public sector partners should adopt a similar approach in their procurement processes to the Climate Change Commercial Ask | Suffolk County Council:
<https://www.suffolk.gov.uk/business/tenders-and-supplying-us/climate-change-commercial-ask/>

Action #	Sector	Goal	Outcome	Action	Type of action	Timeline	Lead partners	Supporting partners	Cost
14 Priority Action		Monitoring and communication of progress	Regular monitoring of progress in reducing emissions, projections of future emissions and effectiveness of measures being introduced	Form a monitoring working group of key stakeholders to work with the relevant data holders to develop a framework of indicators that will be used on an annual basis to take stock of progress.	A	Short term	County Council, Suffolk Office of Data & Analytics	District and Borough Councils, key data providers	£
15				Develop a detailed monitoring and evaluation plan.	A	Short term	County Council, Suffolk Office of Data & Analytics	District and Borough Councils, key data providers	£
16 Priority Action	Sustainable homes	Behavioural change to use less energy	Energy saving promotional campaigns and support	Maintain and expand existing energy hubs providing information and support to access funding for energy efficiency measures and low carbon heating.	D	Short term Medium term Long term	County Council, District and Borough Councils	Greater South East Energy Hub	£
17				Commission Council or external policy experts to produce and maintain comprehensive guidance on energy efficiency obligations on and funding currently available to the different sectors.	C	Short term	County Council		£
18				Update and disseminate information as appropriate, including on council websites.	D	Short term Medium term Long term	Suffolk Climate Change Partnership	Greater South East Energy Hub	£
19				Handholding support to organisations and householders for applications for national funding for efficiency measures.	D	Short term Medium term Long term	County Council, District and Borough Councils, Suffolk Climate Change Partnership	Greater South East Energy Hub	£ - ££
20		Self-education and good practice in energy efficient operation of buildings	D	Short term Medium term	County Council, District and Borough Councils, Suffolk Climate Change Partnership	Greater South East Energy Hub, individuals, Community Action Groups	£		
21 Priority Action		Improved energy efficiency of homes.	Significant roll-out of draught proofing and insulation measures in homes.	Retrofit energy efficiency measures to homes in line with PAS 2035, supported by audits where needed, in line national policies and funding schemes and linked with Building Control to ensure appropriate application advice is provided.	A	Short term Medium term	District and Borough Councils	Social Housing Providers	££ - £££
22				Develop 5 retrofit energy efficiency measures and heat pump projects by social housing providers, supported by audits where needed.	A	Short term	Social housing providers	Housing Associations, District and Borough Councils	££ - £££
23	Review policy options for incentivising uptake of energy efficiency retrofit measures in private owner-occupied buildings.			B	Short term	County Council, District and Borough Councils	Suffolk Climate Change Partnership,	£	

Action #	Sector	Goal	Outcome	Action	Type of action	Timeline	Lead partners	Supporting partners	Cost	
								Greater South East Energy Hub		
24				Implement policy mechanism for incentivising uptake of energy efficiency retrofit measures in private owner-occupied buildings.	B	Medium term Long term	District and Borough Councils	Suffolk Climate Change Partnership, County Council, Greater South East Energy Hub	££	
25		Transition to a fully decarbonised heat supply for homes.	Significant roll-out of individual heat pumps in homes	Create engagement materials on heat pumps, targeted at able-to-pay segment of private owner-occupier market.	D	Short term	Suffolk Climate Change Partnership	Greater South East Energy Hub	£	
26 Priority Action				All Suffolk Local Planning Authorities (LPA) to develop new policies to require new homes to be built in line with the 2025 Future Homes and PAS 2035 standards, including heat pumps or new heat networks or connection to existing heat networks.	B	Short term	District and Borough Councils	Greater South East Energy Hub, County Council	£	
27				Retrofit heat pumps to council housing, supported by audits where needed.	A	Short term Medium term	District and Borough Councils	Greater South East Energy Hub	££ - £££	
28				Retrofit heat pumps to social housing, supported by audits where needed.	A	Short term Medium term	Housing Associations	Greater South East Energy Hub, District and Borough Councils	££ - £££	
29 Priority Action				Develop incentives to increase the uptake of heat pumps in private owner-occupied buildings in line with 2025 Future Homes and PAS 2035 standards.	B	Short term	District and Borough Councils	County Council	£££	
30				Implement policy mechanism for incentivising uptake of heat pumps in private owner-occupied buildings.	B	Medium term Long term	District and Borough Councils	County Council, Suffolk Climate Change Partnership, Greater South East Energy Hub	££	
31				Develop training courses to upskill tradespeople on heat pump installation.	C	Short term	New Anglia Local Enterprise Partnership, Decarbonisation Academy	Further Education colleges	£	
32 Priority Action				Install low carbon heat networks where viable	Commission three feasibility studies to establish the techno-economic potential for low temperature or ambient loop heat networks in Ipswich, Lowestoft, Bury St Edmunds and smaller urban areas if applicable.	A	Short term	District and Borough Councils	County Council, Greater South East Energy Hub	£

Action #	Sector	Goal	Outcome	Action	Type of action	Timeline	Lead partners	Supporting partners	Cost		
33				Apply for government funding to assist with feasibility costs (e.g. HNDU heat network delivery unit)	C	Short term	District and Borough Councils	Greater South East Energy Hub private sector, County Council	£		
34				Carry out heat networks publicity and surveys.	A	Medium term	County Council, District and Borough Councils	Private sector	£		
35				Councils and delivery partners to begin heat network construction.	A	Medium term Long term	County Council, District and Borough Councils	Private sector	££ - £££		
36			Addition of biomethane in the gas grid	Partners to investigate best green gas tariffs which guarantee the highest proportion of gas is sourced from biomethane via the green gas certification scheme and amend procurement of gas serving public sector buildings and social housing to such tariffs ASAP.	A	Short term	County Council, District and Borough Councils	Health	£		
37				Councils to engage with local farmers, sewage treatment facilities and other likely potential generators of biogas and suppliers of biogas to biomethane upgrading technologies to review of scope for localised use of biomethane to replace natural gas usage.	D	Medium term	County Council, District and Borough Councils	Private sector, New Anglia Local Enterprise Partnership	£		
38			Addition/use of hydrogen in gas grid	Engage with Cadent to discuss timelines for hydrogen network roll-out.	E	Short term	County Council	District and Borough Councils	£		
39			Low carbon Transport	Increase sustainable transport readiness	Prepare for, and encourage a sustainable transport system	Refresh current Suffolk Local Transport Plan to align with net zero ambitions.	A	Short term	County Council	District and Borough Councils	£
40						Strengthen mandates in the Planning Application process that put sustainable transport system at the fore.	B	Short term	District and Borough Councils		£
41	Assess and review long terms impacts of COVID on travel/work patterns, ability for people to work from home (wfh) incl. broadband speed surveys.	A				Short term	County Council	District and Borough Councils	£		
42 Priority Action	Accelerate the roll out and updating of travel plans and demand strategies with businesses and organisations across the county (such as schools and attractions) and including work from home strategies.	C				Short term, Medium term	County Council	District and Borough Councils, businesses, employers, schools and attractions	£		
43	Reduce demand for car use	Increase home working		Engage with businesses about allowing their workforce to continue working from home post COVID-19.	D	Short term	County Council	Employers	£		
44				Continue to roll out and secure funding for high-speed broadband and 5G network to all locations.	A	Medium term, Long term	Internet service providers	Ofcom, BT Openreach	££££		

Action #	Sector	Goal	Outcome	Action	Type of action	Timeline	Lead partners	Supporting partners	Cost
45			Develop community and neighbourhood facilities	Study to identify key locations and business models for community work hubs and other community facilities.	A	Short term	County Council, District and Borough Councils	Local communities, Shared workspace companies	£
46				Use town planning, planning for new developments and the Local Plan process to provide facilities and transport services that reduce the need for car use, whilst reducing space provided for cars - which should be reallocated to sustainable modes of travel.	B	Short term, Medium term	County Council, District and Borough Councils	Developers	£
47 Priority Action			Provide comprehensive active travel infrastructure	Identify and build key walking and cycling infrastructure on key arterial routes and end of journey facilities at key nodes (work, Public Transport, shopping hubs, schools).	A	Medium term, Long term	County Council, District and Borough Councils		£ (identify) - ££ (build)
48				Promote the use of micro-mobility (e.g., e-scooters and e-bikes).	D	Short term, Medium term	County Council	-	£
49			Identify and deliver bike/e-bike rental model, key locations and entity to run scheme.	A	Short term, Medium term	County Council, District and Borough Councils	Bike sharing companies	£ (identify) - ££ (deliver)	
50			Improve public transport	Strengthen bus partnership arrangements to improve delivery.	D	Short term	County Council	Bus companies	£
51 Priority Action				Identify and build further bus priority on key routes (bus lanes, priority signals etc).	A	Medium term	County Council		£££
52				Develop wider network of on-demand rural services.	A	Medium term	District and Borough Councils	Bus companies, Taxi companies	££
53				Fund MaaS app development, with option to work with private sector, for integrated payment and journey planning.	A	Medium term	County Council	Transport East, App designer	£
54				Identify key strategic investment opportunities in rail following discussions with Greater Anglia & Network Rail.	A	Long term	Network Rail	Greater Anglia, County Council, Transport East	££££
55				Increase vehicle occupancy and car sharing	Promote and expand the Suffolk Car Share site ensuring cross county border coverage and integration.	D	Short term	County Council, District and Borough Councils	-
56			Facilitate car-pooling or van-pooling services.		C	Short term	County Council, District and Borough Councils	Taxi and Van hire companies, Community groups.	£

Action #	Sector	Goal	Outcome	Action	Type of action	Timeline	Lead partners	Supporting partners	Cost	
57				Work with car-club/e-bike operators to identify key locations for expansion of schemes, e.g. integrating with community facilities and EV charging hubs.	C	Medium term	County Council, District and Borough Councils	Car-club/car-sharing companies	£	
58				Financial disincentivises for car use	Once sufficient alternatives are in place, increase costs of parking and explore road use/CAZ charging.	B	Medium-term, long-term	County Council		£
59				More efficient freight	Increase efficiency of road freight	Engage with businesses and roll out further delivery and servicing plans.	D	Short term, medium term	County Council	Freight Companies
60		Develop consolidation centre if potential exists including zero emission last mile delivery.	A			Long term	County Council	Freight Companies	£	
61		Further develop freight quality partnership - improve freight signage, loading bays and lorry rest provisions.	A			Medium term	County Council	Freight Companies	£	
62		Continue to push freight management scheme to improve the efficiency of drivers, e.g., Eco stars.	A			Short term	County Council	Freight Companies	£	
63		Support development of rail freight at Felixstowe Port	Provide political backing to plans at Felixstowe Port for increase in rail investments and petition Network Rail for increase in line capacity to/from Felixstowe.			E	Short term-, Medium term, Long term	Felixstowe Port	County Council, Transport East, Network Rail	£
64		Transition to zero emission fleet (note link to The New Anglia Local Enterprise Partnership's Alternative Fuel Strategy)	Create a zero-emission bus fleet	Assess locations for electric charging of local buses including grid capacity.	A	Short term	County Council	UK Power Networks, Bus Companies	£	
65				Support and facilitate adoption of electric buses provision of charging infrastructure for local buses, starting with Park & Ride services, and petition UK government to provide increased funding for roll out and take up of electric buses and to deliver more funded electric bus towns.	C	Medium term	Bus Companies, County Council	Park & Ride Companies	££ (buses) - £££ (charging infrastructure)	
66				Work with bus operators to establish feasibility of rolling out zero emission fuels such as hydrogen for long distance services.	A	Short term	County Council	Academia, Bus Companies	£	
67				Implement best technology for long distance buses.	A	Long term	Bus Companies	County Council	££££	
68				Develop comprehensive private vehicle charging infrastructure comprising of ~40,000	Determine key locations for on-street charging and rapid charging hubs, considering grid capacity issues.	A	Short term	County Council	UK Power Networks, EV Charging Companies	£
69					Identify funding models for charging infrastructure with key delivery partners.	C	Short term	County Council	-	£

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70 Priority Action			public and ~300,000 private chargers and incentivise electric vehicle uptake in private vehicles (estimated at ~330,000 EVs)	Develop a range of incentives that will encourage the uptake of EV along with a strategy to improve the charging point network on public owned property and local business premises.	C	Short term, Medium term, Long term	County Council, District and Borough Councils	Local businesses, UK Power Networks	£££
71				Advertise both Suffolk and National incentives to promote the uptake of EVs.	D	Short term	County Council	National Government	£
72 Priority Action			Encourage low emission freight (targeted at ~50,000 vehicles)	Encourage low emission freight to support the development of Freeport East Hydrogen Hub and promote partnerships between local firms and the Hub so that local carbon reduction benefits can be maximised	C & D	Medium	Hutchison Ports, East Suffolk Council, Suffolk County Council, Babergh and Mid-Suffolk Councils	New Anglia Local Enterprise Partnership, University of Suffolk	£££
73				Study on feasibility of last mile delivery solutions (e.g. cycle freight).	A	Short term	County Council	-	£
74				Engage with businesses to facilitate installation of additional alternative fuel infrastructure in freight locations, such as lorry parks and distribution centres.	D	Short term, Medium term, Long term	Freight Companies	County Council, Highways England	££
75				Develop further incentives to support uptake of alternative fuels in the LGV fleet.	C	Short term, Medium term, Long term	County Council	LGV owners, Delivery Companies	£
76				Explore the use of alternative fuels for long distance HGV freight working with large hauliers and distribution hubs.	A	Medium term, Long term	Freight companies	County Council, Academia	£
77				Invest in alternative fuels for use in HGVs and deploy in key locations, working closely with Freeport East.	C	Long term	Freight companies	Freeport East	£££
78	Industry and commercial energy use	Behavioural change to use less energy in I&C sector	Incentives	Challenge all Suffolk businesses to demonstrate energy management programmes are in place and 10% efficiency improvements have been achieved by 2025.	C	Short term	County Council	District and Borough Councils, Greater South East Energy Hub, New Anglia Local Enterprise Partnership, Chambers of Commerce	£
79				Organisations to train and incentivise staff in energy efficient building operation.	C	Short term Medium term	Greater South East Energy Hub, Suffolk Climate Change Partnership	County Council, District and Borough Councils, private and public	£

Action #	Sector	Goal	Outcome	Action	Type of action	Timeline	Lead partners	Supporting partners	Cost
								sector organisations	
80 Priority Action			Knowledge sharing	Provide support and platforms for knowledge sharing and feedback between businesses and industries.	D	Short term Medium term	Greater South East Energy Hub, Suffolk Climate Change Partnership	County Councils, District and Borough Councils, New Anglia Local Enterprise Partnership, Carbon Charter Group	£
81			Improve monitoring and reporting	Incorporate monitoring of progress on emissions into Local Economic Assessment (LEA).	B	Short term	County Council	District and Borough Councils	£
82				Design a generic methodology or 'toolkit' to assist businesses and industries in quantifying, and then reducing, all emissions including supply chain emissions.	C	Short term	Greater South East Energy Hub, Suffolk Climate Change Partnership	County Council, District and Borough Councils, New Anglia Local Enterprise Partnership	£
83 Priority Action		Improved energy efficiency of buildings in commercial sector	Improved efficiency of lighting, heating and cooling	Develop a funding programme to continue funding (and expanding) schemes such as BEE Anglia or other energy efficiency and support schemes.	C	Short term Medium term Long term	County Council, New Anglia Local Enterprise Partnership	Groundwork East, Norfolk & Waveney Enterprise Services, District and Borough Councils, HM Government	£ - ££
84 Priority Action				Retrofit energy efficiency measures to public sector buildings in line with PAS 2038 standard wherever possible, supported by audits where needed.	A	Short term Medium term	County Council, District and Borough Councils, Health and Police	Greater South East Energy Hub	£ - ££
85		Heat decarbonisation in commercial sector	Significant roll-out of individual heat pumps in commercial buildings	Amend planning permission for non-domestic buildings to require renewable heating systems or connection to heat networks.	B	2020-2023	District and Borough Councils		£
86 Priority Action				Retrofit energy efficiency measures to public sector buildings in line with PAS 2038 standard wherever possible, supported by audits where needed.	A	Short term Medium term	County Council, District and Borough Councils, Health and Police	Greater South East Energy Hub	££ - £££
87				Further development of heat networks & hydrogen networks	Support heat network development (see actions 56 – 59).	A	Short term Medium term Long term	County Council, District and Borough Councils	Private sector

Action #	Sector	Goal	Outcome	Action	Type of action	Timeline	Lead partners	Supporting partners	Cost
88		More energy efficient industrial processes	Improve efficiency of using heat	Engage with Cadent to discuss timelines for hydrogen network roll-out.	E	Short term	County Council		£
89 Priority Action				Work with industry in Suffolk to identify three opportunities for utilising waste heat, including matching of industrial supply and non-industrial demand by 2025.	D	Medium term	County Council, District and Borough Councils	Greater South East Energy Hub, Private Industry	£
90				Improve efficiency of machinery and heat generation	C	Short term Medium term	County Council	Greater South East Energy Hub, District and Borough Councils	£ - ££
91 Priority Action				Fuel switching to electricity or hydrogen	A and E	Short term	County Council, District and Borough Councils	Greater South East Energy Hub, National Government, Health	£
92 Priority Action	Cleaner Power	Grow renewable energy capacity	Plan positively for renewables	Set ambitious and supportive renewable energy planning policies in updated Local Plans by having planners take an evidence-led approach to identifying areas where large-scale installations are most likely to be acceptable.	B	Short term, Medium term,	District and Borough Councils	Suffolk Climate Change Partnership, County Council	£
93			Renewables for new developments	Incorporate on-site renewable energy into new development energy policies in updated Local Plans.	B	Short term, Medium term,	District and Borough Councils	Greater South East Energy Hub, County Council	£
94			Support community energy	Help community energy groups to deliver local renewables projects by offering support throughout their journey from concept to construction & operation, including: <ul style="list-style-type: none"> • Signposting to grants & funding • Technical, planning & funding advice • Providing access to practical and specialist support • Help preparing successful Rural Community Energy Fund applications • Making connections with potential customers • Networking opportunities for groups to share their experiences • Promoting community energy schemes & share offers • Purchasing community energy 	D	Short term, Medium term, Long term.	Greater South East Energy Hub, Community Groups District and Borough Councils, Suffolk Climate Change Partnership	Local businesses	£
95 Priority Action			A smart and flexible grid	Increase grid capacity for new connections	Work with the Distribution Network Operator to accelerate the deployment of flexibility mechanisms to make network capacity available for new connections.	C	Short term	UK Power Networks	

Action #	Sector	Goal	Outcome	Action	Type of action	Timeline	Lead partners	Supporting partners	Cost
96			Network innovation	Deploy network innovations in Suffolk to address local challenges & exploit opportunities.	B	Short term	UK Power Networks	County Council, District and Borough Councils, Greater South East Energy Hub	£
97			Strategic network planning collaboration	Enhance strategic collaboration between the public sector and the Distribution Network Operator, integrating network, planning and climate emergency activities.	D	Short term	District and Borough Councils	Greater South East Energy Hub & UK Power Networks	£
98		National low carbon power infrastructure	Promote Suffolk's nationally significant low and zero carbon power projects	Promote Suffolk's nationally significant low and zero carbon power projects, featuring in climate plans & publications.	D	Short term, Medium term, Long term.	District and Borough Councils, County Council	Greater South East Energy Hub	£
99 Priority Action			Low carbon economy & skills	Actively support companies in local supply chains through targeted economic programmes, targeting support and investment in skills at low carbon infrastructure sectors, such as offshore wind and nuclear power and secure a local supply of these larger generation plants (for example through Power Purchase Agreements).	C	Short term, Medium term, Long term.	New Anglia Local Enterprise Partnership	District and Borough Councils	£
100			Withhold support to new fossil fuel infrastructure	District and County Councils to make their position with regards to any new carbon-intensive fossil fuel projects clear publicly.	D	Short term, Medium term, Long term.	District and Borough Councils, County Council	Greater South East Energy Hub	£
101 Priority Action		Public sector leads the way with renewable electricity	Renewables on public sector buildings and land	Host renewables installations on public buildings, as well as public land holdings and brownfield land. Establish a collaborative relationship and work with community energy groups to co-develop the schemes where possible.	A	Short term, Medium term, Long term.	Public sector partners	Greater South East Energy Hub, New Anglia Local Enterprise Partnership, County Council, District and Borough Councils.	££
102 Priority Action			Renewables serving civic, government and infrastructure sites	Deliver opportunities for on-site or near-site renewable schemes to serve large energy users, like hospitals, universities, and transport infrastructure. Work with community energy groups where possible.	C	Short term, Medium term, Long term.	Public sector partners	Greater South East Energy Hub, County Council, District and Borough Councils.	££
103			Purchase electricity from local and community owned renewables projects through long term agreements (PPAs).	Engage with energy suppliers in advance of electricity supply contract renewals to pave the way for a PPA. Speak to other local authorities who have signed PPA's, to benefit from their experience.	D	Short term	Public sector partners	Greater South East Energy Hub	£