

Welcome to the Seaham Garden Village Supply Chain Engagement Day



The Coal
Authority



Seaham Garden Village – Council Perspective

Cllr Kevin Shaw, Cabinet Portfolio for Strategic
Housing and Assets

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Focus of presentation

Climate Emergency

SGV opportunity

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SUSTAINABLE DEVELOPMENT GOALS



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The Climate Crisis / Climate Emergency

- October 2018 – IPCC report – need to take emergency action and drastically cut greenhouse gas emissions over the next 12 years to avoid global warming by more than 1.5°C
- Warming > 1.5°C will significantly increase the risk and severity of:
 - Sea level rise
 - Extreme weather events
 - Wildlife loss and extinction
 - Impacts to health and ability to grow food crops
- Mass social movement in response to report findings

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Two Emergency Targets Set



1. Reduce the Council's carbon emissions by 60% by 2030
2. Investigate what further actions are necessary to make County Durham completely carbon neutral by 2050 and pledge to achieve this.

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Target 1: Council Emissions

- Four target areas:

HEAT 38.5% of DCC's carbon	ELECTRICITY 38.7% of DCC's carbon	TRANSPORT 22.7% of DCC's carbon	SCHOOLS 37.0% of DCC's carbon
1) Insulate buildings and turn thermostats down.	1) Switch off equipment and use LED lighting.	1) Travel less. Use public transport, walk, cycle.	1) Behavioural change.
2) Change where our heat comes from by using low carbon technologies.	2) Create low carbon electricity through renewable generation projects.	2) Replace fleet with ultra low emission vehicles; electric cars and vans.	2) Identify energy efficiency projects for schools to do with their buildings.
<u>Example Project:</u> Louisa Centre Minewater Heating	<u>Example Project:</u> Solar Farm at Tanfield Lea	<u>Example Project:</u> Trials of electric bin hoists / road sweepers	<u>Example Project:</u> Enlighten; schools LED lighting replacement

- However, this is only 3% of the county's emissions...

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Target 2: Countywide Emissions

- ...the remaining 97%



Improve the energy efficiency of our homes, businesses and community buildings



Generate more energy from County Durham's natural, renewable energy resources



Find greener ways to heat our buildings such as through district heating systems



Make walking / cycling / use of public transport part of everyday travel culture



Ensure County Durham is ready for the transition to electric vehicles



Increase our woodland cover and rate of peatland restoration



Tackle emissions associated with food production and distribution



Increase levels of recycling, waste reduction, reuse and composting

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Seaham Garden Village Opportunity

- Make new economic use of former mine workings;
- Provide clean energy supply for new homes;
- Potential to deliver social value to the wider community;
- Help alleviate fuel poverty;
- Encourage new employment opportunities for engineering services;
- Supports the Council to deliver its Climate Emergency obligations.

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Social Value Outcomes - TOMs

Theme	Outcomes	Ref	Measures - Minimum Requirements	Units	Baseline Proxy Values	Multiplier (1-3)
Jobs: Promote Local Skills and Employment	More local people in employment	NT1	No. of local people (FTE) employed on contract	no. people FTE	£28,213.00	1
		NT2	% of local people employed on contract (FTE)	%	Record only	1
	More opportunities for disadvantaged people	NT3	No. of long term unemployed (FTE) taken on	no. people FTE	£14,701.56	3
		NT4	No. of NEETs employed	no. people FTE	£12,442.91	3
		NT5	No. of rehabilitating young offenders employed	no. people FTE	£14,618.77	1
		NT6	No. of jobs (FTE) created for people with disabilities	no. people FTE	£12,769.68	3
		NT7	No. of hours providing career mentoring	no. hrs*no. attendees	£94.28	1
	Improved skills for local people	NT8	Local school and college visits	no. staff hours	£14.43	2
		NT9	No. of training opportunities on contract	no. weeks	£235.75	2
		NT10	No. of apprenticeships on the contract	no. weeks	£168.04	2
	Improved employability of young people	NT11	No. of hours dedicated to support young people into work	no. hrs*no. attendees	£94.28	1
		NT12	No. of weeks spent on meaningful work placements	no. weeks	£143.94	1
		NT13	Meaningful work placements that pay Minimum wage	no. weeks	£143.95	1
Growth: Supporting Growth of Responsible Regional Business	More opportunities for local SMEs and VCSEs	NT14	Total amount (£) spent with VCSEs within your supply chain	£	£0.12	1
		NT15	Provision of expert business advice to VCSEs and SMEs	no. staff expert hours	£84.00	1
		NT16	Equipment or resources donated to VCSEs	£	£1.00	1
		NT17	Number of voluntary hours donated to support VCSEs	no. volunteering hours	£14.43	1
		NT18	Total amount (£) spent in LOCAL supply chain through contract.	£	£0.60	1
		NT19	Total amount (£) spent through contract with LOCAL SMEs	£	£0.60	1
	Improving staff wellbeing	NT20	Improve staff wellbeing, recognise mental health	no. hrs*no. attendees	£95.95	1
	A workforce that is diverse	NT21	Diversity training	no. hrs*no. attendees	Record only	1
	Ethical Procurement is promoted	NT22	% of contracts incl. commitments to ethical procurement, & anti-slavery	% of contracts	Record only	1
Social: Healthier, Safer and more Resilient Communities	Social Value in the supply chain	NT23	% of supply chain contracts with Social Value commitments	% of contracts	Record only	1
	Crime is reduced	NT24	Initiatives aimed at reducing crime	£ invested & staff time	£1.00	1
	Creating a healthier community	NT25	Initiatives to be taken to tackle homelessness	£ invested & staff time	£1.00	1
		NT26	Initiatives taken or supported to engage people in health interventions	£ invested & staff time	£1.00	1
	Vulnerable people helped to live independently	NT27	Initiatives to be taken to support older, disabled & vulnerable	£ invested & staff time	£1.00	1
		NT28	Donations or in-kind contributions to local community projects	£ value	£1.00	1
		NT29	No hours volunteering time provided to support local community projects	no. staff volunteering hours	£14.43	1
		NT30	Support provided to help local community draw up their own Stakeholder Plan	£ invested & staff time	£1.00	1
Environment: Protecting and Improving Our Environment	Climate Impacts are reduced	NT31	Savings in CO2 emissions on contract not from transport	tonnes CO2e	£64.66	1
	Air pollution is reduced	NT32	Car miles saved on the project (e.g. cycle to work programmes)	hundreds of miles saved	£1.53	1
		NT33	Number of low or no emission staff vehicles included on project	hundreds of miles driven	£0.67	1
	Better places to live	NT34	Voluntary time dedicated to management of green infrastructure	no. staff volunteering hours	£14.43	1
	Sustainable Procurement is promoted	NT35	% of contracts that includes sustainable procurement commitments	% of contracts	Record only	1
Innovation: Promoting Social Innovation	Other measures (TBD)	NT36	Other measures (£)	£	£1.00	1
		NT37	Other measures (hrs)	no. staff expert hours	£84.00	1
		NT38	Other measures (hrs)	no. staff volunteering hours	£14.43	1

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Summary

- The project contributes towards the Sustainable Development Goals to achieve a better and more sustainable future for all;
- The project will help the Council meet its target of reducing countywide emissions to become carbon neutral through providing low carbon energy;
- The project offers a range of benefits to the County through delivering social value and the creation of jobs;
- Seaham Garden Village Mine Energy Scheme is an excellent opportunity for County Durham and one that the Council are excited to facilitate and enable.

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