



# Climate Change Strategy Delivery Plan 2010-2013

Reducing Tendring's impact on the  
environment

*Tendring*  
District Council



# Action Planning

The Council intends to work with partners and key contractors to meet these objectives through the following key areas of action:

## Objective 1: Reduced carbon dioxide emissions.

- Work with partners across the District to reduce CO<sub>2</sub> emissions per person by 9.5% (0.6 tonnes) by 2011, by 20% (1.2 tonnes) by 2020 and 50% (3.0 tonnes) by 2050 compared to 2005 levels.
- Achieve an ongoing reduction in carbon dioxide emissions from Council operations and estate
- Work with individuals, communities and businesses to help them reduce their emissions
- Support schemes which facilitate the installation of energy efficiency measures for those in need (fuel poor) and in suitable homes

## Objective 2: Preparing for a changing climate.

- Consider the risks faced by our district and how projected changes to the climate may impact on the services we deliver, the development we permit and the communities we serve.
- Work with local organisations to help increase understanding of potential climate risks
- Develop a tourism and coastal change adaptation strategy for the Tendring peninsular
- Ensure that the Local Development Framework (LDF) properly deals with any adaptation or mitigation measures needed to address the effects of climate change.

## Objective 3: Reduced reliance on fossil fuels.

- Promote and make more efficient use of energy
- Utilise non fossil fuel dependent technologies where feasible in our own estate and operations and to promote these within our local communities
- Work with the private sector to establish renewable energy supplies and maximise the opportunities of offshore wind farm development
- Planning Services support for low carbon buildings, energy supply and transport infrastructure



## Objective 1: Reduced carbon dioxide emissions.

What we want to achieve	How we want to achieve it	What we plan to deliver	Due Date	Lead
<b>Reduced carbon dioxide emissions.</b>	Reduced carbon dioxide emissions from Council operations and estate	<ul style="list-style-type: none"> <li>All lighting in Council owned buildings to be energy efficient with appropriate lighting controls installed subject to available resources.</li> <li>Commence a programme of installing infra red activity sensors for lighting in public conveniences across the district</li> <li>Install voltage optimizers in key Council buildings where appropriate</li> <li>Roll out a programme of installing Light Emitting Diodes (LED) lighting as part of the refurbishment of Council car parks</li> <li>Establish more robust baseline data for carbon dioxide and nitrous oxide emissions</li> <li>Work with the County Council procurement team to explore ways to ensure Council procurement is sufficiently sustainable</li> </ul>	Ongoing	D Williams
			March 2011	A Stypulkowski
			March 2013	D Williams
			Ongoing	I Taylor
			March 2011	A Rutson-Edwards
		Ongoing	J Taylor	
	Work with partners across the County to reduce CO <sub>2</sub> emissions per person by 9.0% by 2011, by 20% by 2020 and 50% by 2050 compared to 2005 levels.	<ul style="list-style-type: none"> <li>Work with Local Strategic Partnership (LSP) partners to encourage them to carry out energy audits and produce energy reduction action plans</li> <li>Work with Parish and Town Councils to encourage them to carry out energy audits and produce energy reduction action plans</li> <li>Deliver an awareness campaign at the Tendring Show</li> <li>Increase the number of energy efficiency measures undertaken in homes across the district</li> <li>Work with the Essex Climate Change Partnership to deliver actions contained in the Essex Climate Action Plan</li> </ul>	March 2012	A Stypulkowski
			March 2013	A Stypulkowski
			Ongoing	A Stypulkowski
			Ongoing	C Kitcher
			Ongoing	M Court
	Work with individuals, communities and businesses to help them reduce their emissions	<ul style="list-style-type: none"> <li>Continue to work with the Energy Saving Trust Advice Centre (ESTAC) and the Tendring Home Improvement Agency (THIA) to deliver the Council's Financial Assistance Policy for Private Sector Housing and promote the uptake of Warm Front grants for the provision of energy efficiency measures for vulnerable households</li> <li>Assist Essex County Council in encouraging the provision of cycle facilities and routes</li> <li>Consider carbon emissions in service level agreements with key contractors</li> <li>Provide information on actions that residents can undertake to improve energy efficiency in listed buildings and conservation areas</li> </ul>	Ongoing	C Kitcher
			March 2013	J Ryan
			March 2012	Heads of Service
			March 2012	P Hornby
	By developing a protocol to reduce the carbon emissions arising from the use of transport across the Council	<ul style="list-style-type: none"> <li>Identify those Services with the highest mileage and undertake a review of working practices to identify areas where carbon emission reductions can be achieved</li> <li>To set up a financial mechanism to charge carbon offset payments, initially targeting large events involving transport eg Clacton Air Show</li> </ul>	March 2011	D Williams
			March 2011	K Neath

## Objective 1: Reduced carbon dioxide emissions. (Continued)

What we want to achieve	How we want to achieve it	What we plan to deliver	Due Date	Lead
<b>Reduced Carbon Dioxide Emissions</b>	Support schemes which facilitate the installation of energy efficiency measures for those in need (fuel poor) and in suitable homes	<ul style="list-style-type: none"> <li>Continue to work in partnership with external agencies [National Grid Affordable Warmth Solutions] to fund the installation of gas mains and first time heating measures for vulnerable households living in houses in multiple occupation in Pier Ward, Clacton, one of the most deprived wards in the district.</li> </ul>	March 2011	A Stypulkowski
	Identify opportunities to reduce energy consumption and overheads by reviewing working practices	<ul style="list-style-type: none"> <li>Identify one or two services to trial pilot schemes to identify the advantages and disadvantages of home working and the potential impact on CO2 emissions</li> <li>Carry out a review of the home working pilot schemes and roll out across services as appropriate</li> </ul>	March 2011 March 2012	Steering Group Steering Group

## Objective 2: Preparing for a changing climate

What we want to achieve	How we want to achieve it	What we plan to deliver	Due date	Lead
Preparing for a changing climate.	Develop an understanding of the risks and benefits associated with changes in the climate and incorporate these into formal decision making processes	<ul style="list-style-type: none"> <li>• Develop climate risk assessment skills across the Council</li> <li>• Incorporate climate change adaptation measures where appropriate when reviewing key Council strategies</li> <li>• Encourage the use of Sustainable Drainage Systems (SuDS) into built development as a means of reducing flood risk, improving water quality and enhancing the green infrastructure network</li> <li>• Develop a Councillor's Guide to Climate Change</li> </ul>	Ongoing Ongoing Ongoing March 2011	Steering Group Heads of Service G Thomas A Stypulkowski
	Work with local organisations to help increase understanding of potential climate risks	<ul style="list-style-type: none"> <li>• Share the results of the local Climate Impact Assessment with the LSP</li> <li>• Work with the Environment Theme Group of the LSP to raise awareness across the partnership</li> <li>• Work with the Essex Climate Change Partnership to develop a methodology to consider adaptive responses to climate change across the County</li> </ul>	March 2011 Ongoing March 2012	A Stypulkowski A Stypulkowski M Court
	Develop a coastal change adaptation strategy for the Tendring peninsula	<ul style="list-style-type: none"> <li>• Complete the Crag Walk Project at Walton on the Naze to provide educational facilities about coastal change and environmental issues</li> <li>• Develop a regeneration framework for the Tendring coastline as part of the Tendring Coastal Change Pathfinder Project</li> </ul>	March 2011 March 2011	D Hall M Bateson

### Objective 3: Reduced reliance on fossil fuels

What we want to achieve	How we want to achieve it	What we plan to deliver	Due Date	Lead
Reduced reliance on fossil fuels	Promote and make more efficient use of energy in the delivery of our services	<ul style="list-style-type: none"> <li>Encourage our commercial partners to undertake a green fleet review</li> <li>Require an alternative energy assessment to be carried out when developing policies that use energy</li> </ul>	March 2013 Ongoing	Heads of Service Heads of Service
	Utilise non fossil fuel dependent technologies where feasible in our own estate and operations and to promote these within our local communities	<ul style="list-style-type: none"> <li>Investigate the potential for installing renewable technologies on Council estate to act as demonstration points</li> <li>Identify capital funding to develop a pilot installation</li> <li>Conduct small scale pilot schemes on solar panel hot water heating and air-source heat pumps on individual Council housing stock as retro-fitted installations</li> <li>Investigate the availability of external funding streams for renewable technology initiatives</li> </ul>	March 2011 March 2012 Ongoing Ongoing	D Williams D Williams / K Neath P Price Steering Group
	Work with the private sector to establish renewable energy supplies and maximise the opportunities of off-shore wind farm development	<ul style="list-style-type: none"> <li>Encourage the establishment of Renewable Technology businesses in Harwich (Bathside Bay)</li> <li>Conduct a feasibility study for renewable energy generation in the district</li> </ul>	March 2013 March 2013	M Bateson Steering Group
	Planning Services support for low carbon buildings, energy supply and transport infrastructure	<ul style="list-style-type: none"> <li>Enforce energy efficiency standards in new developments</li> <li>Produce a Supplementary Planning Document on the provision of renewable energy</li> <li>Monitor the number of developments that achieve the 10% renewable energy target in accordance with Core Policy 6</li> </ul>	Ongoing March 2013 Ongoing	G Thomas G Guiver G Guiver