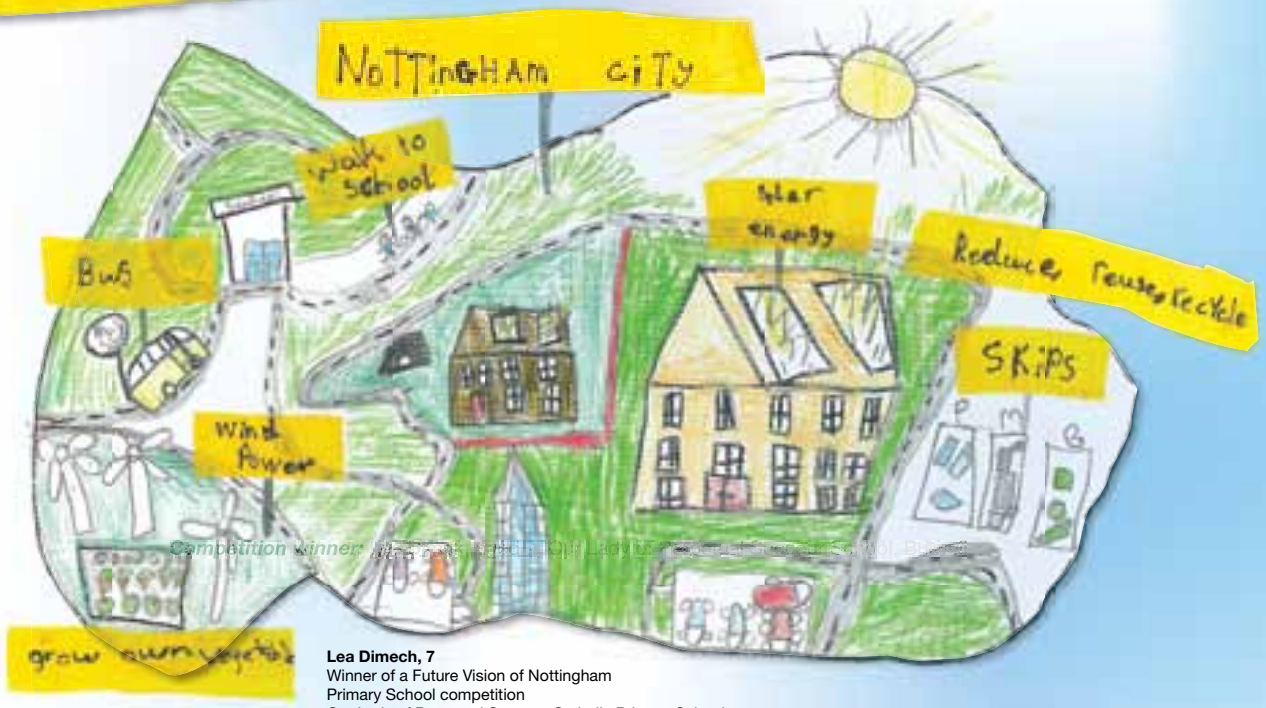
Energy 4 Change

The Nottingham Community Climate Change Strategy 2012-2020

Executive Summary



Lea Dimech, 7
Winner of a Future Vision of Nottingham
Primary School competition
Our Lady of Perpetual Succour Catholic Primary School



Nottingham 1

Nottingham City Council

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Our Support:
Nottingham Green Theme Partners

We the undersigned support the vision, aims, objectives, and actions arising from this Community Climate Change Strategy for Nottingham.

It is the responsibility of us all to reduce our carbon emissions and to improve resilience to climatic changes. We are therefore fully committed to providing help, resources and leadership to achieve the actions within this plan.

Executive Summary

This Climate Change Strategy seeks to develop a low carbon, resilient society for Nottingham.

What do we mean by this?

- Encourage environmental behavioural change within the city
- Locally focused, deliverable actions
- Stakeholders and key influencers engaged in climate change issues
- Key messages which link climate change to local priorities
- Demonstrate Nottingham's leadership and vision on climate change
- To continue to monitor and review our actions, and to be accountable

This strategy is for the whole of Nottingham- it's residents, businesses, workers, students, and visitors. It looks at all of our areas: towns, wards, estates, streets, offices, factories, places of education, open spaces. It covers our use of resources, our travel, and our leisure time. Our success will be measured by our ability to work together.

The strategy is unique in that we are identifying and helping to deliver specific local ward actions. By taking this approach we are making what is a global issue locally relevant and the actions identified within our local plans will aid the transformation of our city.

We are in a unique position now to lead Nottingham into a great low carbon future, a city where we have embraced the opportunities in climate change within our communities. None of this will be achievable without the support of our residents, and we are asking everyone to have the energy for change.

Our top 10 actions

1. Support the creation of jobs and apprenticeships from Nottingham's emerging green economy

2. Help residents benefit from warm, well insulated homes by supporting the delivery of the Nottingham Green Deal

3. New local climate change grant scheme for community groups, charities, and the 3rd sector to deliver the key priorities identified in the climate change strategy

4. Establish a network of community influencers via the existing My Street scheme

5. To deliver CO_2 reduction from behavioural change on Nottingham's total carbon emissions by 2020 from a 2005 baseline

6. Climate Change resilience awareness programme to enable residents to prepare for any extreme weather events such as flooding and heat waves

7. Climate Change education material delivered to schools via existing schemes such as Eco Schools and WISE

8. Support Nottingham's business community to address climate change issues via the Nottingham Carbon Club, the Mayday Network and other relevant initiatives

9. Encourage residents to grow their own food

10. Connect faith with the environment and climate change

Facts & Figures

513,000 tonnes

Is the amount of CO_2 saved from reaching our 26% reduction in carbon by 2020 from a 2005 baseline

1,976,000 tonnes

Total CO_2 emitted in Nottingham in 2005

6.9 tonnes

The amount of CO_2 per person emitted in Nottingham in 2005. The national average was 8.8 tonnes

6.85MWh

Total energy consumption per person in Nottingham in 2009

Lowest

Carbon emissions of England's core cities (8 largest cities outside of London)

Why do we need a Climate Change Strategy?

Nottingham has been at the forefront of tackling climate change since being a founding signatory of the Nottingham Declaration in 2005. Since then Nottingham has been working hard to move Nottingham into a lower carbon future.

Climate Change is something which will affect everyone and the aim of this strategy is to make what seems like a large scale issue, important and significant to the people of Nottingham, without seeming intimidating.

We do start in an advantageous position, and this strategy looks to build upon the work that Nottingham has already achieved.

This strategy will be the catalyst to get everyone in Nottingham to start thinking about, and altering their behaviour to help Nottingham's continual transformation to a low carbon city.

Our communities are rich in diversity and the same single approach to climate change will not work. There are some excellent community based activities already happening within Nottingham and this strategy aims to build on these.

This strategy has been produced with the help of individuals and organisations across Nottingham. We've listened to what you have been telling us at our workshops across the city, and we hope that you will continue to support us.



The most frequent words used by consultees

Our vision

Our vision for Nottingham is clear. We want to create a prosperous, leading low carbon city, maximising the opportunities for green growth, whilst protecting our residents from the impacts of extreme weather. This document aims to inspire and encourage behavioural change, providing locally focused actions which are relevant to our communities.

- A city where you have access to secure, affordable local energy, where the buildings we use and live make the most of the natural environment, and are adaptable to our future climate
- A city with little congestion, and vehicle use, and excellent public transport, and where vehicles are fuelled by renewable alternative energy
- A city where you can buy local affordable food, where you have a place to breathe and enjoy the best of what nature provides
- A city where you have a secure career at the forefront of low carbon technology, within a thriving green economy

Climate change is an opportunity to make small stepped changes to our lifestyles which reduce carbon footprints, and improve our quality of life.

Building on our experience so far, our aim for this document is to clearly set out the simple steps we can all take to make this vision a reality.

- Inspire positive environmental behavioural change within the city.
- Make issues like climate change, sustainability, peak oil and energy use understandable and locally relevant, focusing on ward based actions.
- Engage with people in Nottingham who may never have considered environmental issues before, as well as those who are already involved.
- Support existing projects, and start up of new projects and activity. Many of these will require partnerships to work together and share ideas and resources.
- Demonstrate Nottingham's leadership and vision.
- Increase the resilience of our city by preparing for the impacts of climate change and taking advantage of the opportunities that it will bring.

Where have we been?

Nottingham starts in a position of advantage, here are some of our headlines:

- 16.7% reduction in city CO_2 between 2005 and 2009.[1]
- Most energy self sufficient city in the UK with 11% of heat and power generated from renewables and waste.[2]
- Nottingham Express Transit cuts congestion by 2 million car journeys per year.
- UK's cleanest big city in 2011.
- Founding member of Nottingham Declaration on Climate Change.
- Least car dependent city in UK outside of London.
- Actively involved in promoting climate change adaptation in Nottingham and UK government
- Over 1800 solar PV's fitted to Nottingham's social housing.

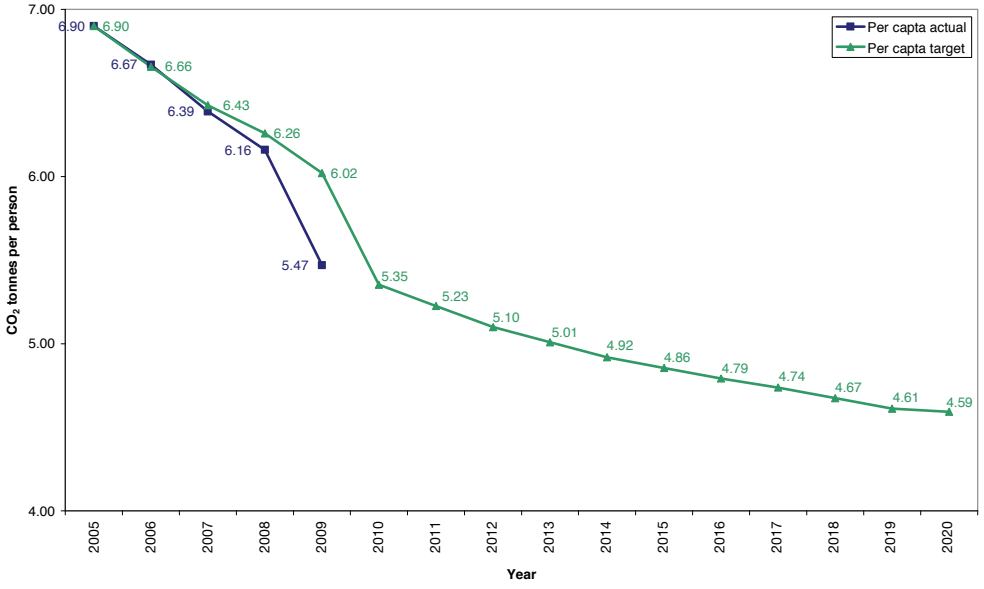


Figure 1 – Per person CO_2 emissions in Nottingham

We have exceeded our targets for per person CO_2 emissions in Nottingham

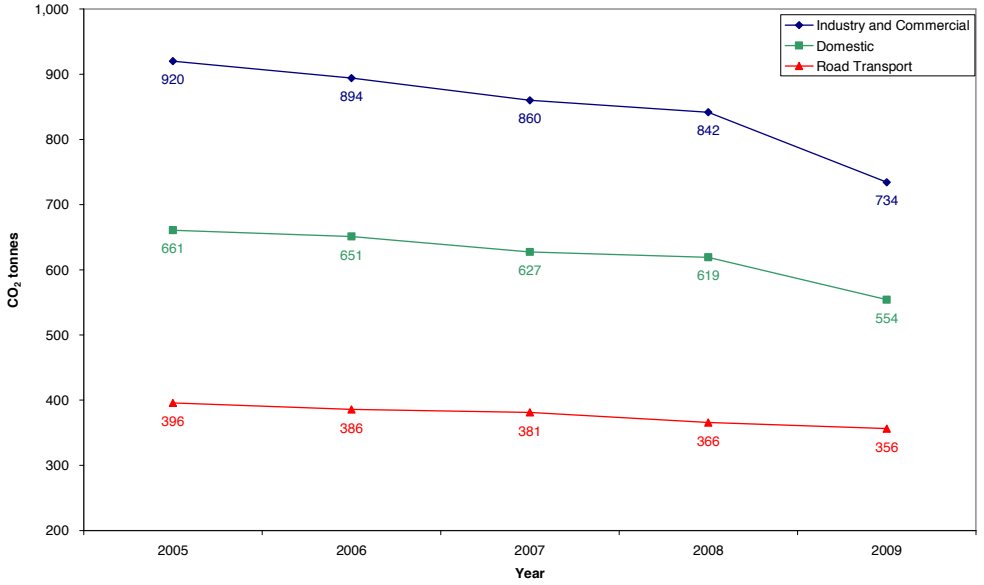


Figure 2 – emissions by sector

1 *Department of Energy & Climate Change – Carbon Dioxide Emissions with the scope of influence of Local Authorities 2009, data release September 2011*

2 *Nottingham Energy Strategy 2010-2020*

Where we now & where are are we going?

We need to inspire all communities in Nottingham to change their behaviour and embrace the opportunities that a changing climate will bring to us. That's why this draft strategy contains actions which are locally relevant which start the shift towards a low carbon lifestyle. The strategy aims to compliment the technical frameworks within the city Energy and Waste strategies published in 2010.

Nottingham City Council has a number of key strategies that set out plans for making Nottingham more sustainable. These are:

- The Nottingham Plan 2010-2020 (Sustainable Community Strategy): this sets out what Nottingham should look like in the future and how we want to make it happen. "Green Nottingham" is a cross cutting theme of this strategy.
- City Energy Strategy 2010-2020, contains actions to achieve the target of 20% of the City's own energy requirement generated from low or zero carbon sources
- City Municipal Waste Strategy 2010-2030 (a Waste-Less Nottingham), contains actions to increase the reuse and recycling of Nottingham's household waste to 55%+.
- Local Transport Plan 3: Tackling climate change and reducing carbon emissions from transport is at the heart of the Nottingham Local Transport Plan Strategy (LTP3). One of the five strategic objectives of LTP3 is to deliver a low carbon and resilient transport system.

  Planning Policy: Nottingham City seeks to promote sustainability, good design and improvements to the quality of 'place' within Nottingham's neighbourhoods. The emerging Greater Nottingham Aligned Core Strategies document is being prepared in partnership with neighbouring local authorities in order to develop a consistent approach to tackling issues such as climate change
- Climate Change Adaptation Action Plan 2011- 2020, contains actions to increase the Council's resilience to the impacts of climate change which are likely to affect the City.
- Breathing Space 2010-2020: provides a strategic approach towards the future planning, development and management of the open and green spaces network within the city.

Addressing climate change, energy issues and environmental sustainability is a long term priority for Nottingham here are some of our key future plans –

- Nottingham City Council Carbon Management Plan – 31% reduction in carbon emissions from its operations by 2016 from a 2007 baseline
- Nottingham Energy Park – will use low carbon energy to co-located business units. Will help further boost Nottingham's emerging green tech sector
- Nottingham Mini Stern Review – Assessment of economic opportunities of climate change
- Nottingham Science City – Leading Nottingham into a successful thriving green economy
- Nottingham Energy Calculator – The Nottingham Energy Calculator. This is a simple-to-use website which allows Nottingham residents to view the potential for their property to save energy through a number of energy efficiency measures as well as to generate electricity or to heat water using solar panels
- Aspley Super Warm Zone – 1800 homes offered a package of energy efficiency measures, ensuring 1.5 tonnes of carbon will be saved per property
- RE:FIT programme - This is investment in energy efficiency measures for our highest consuming properties. This is expected to save over 10,000 tonnes of CO_2 over the term of the programme.
- Extension of the district heating network
- Transport improvements including new tram lines, and a Local Transport Plan, which looks to reduce the impact of transport on the climate
- Local Green Deal for our communities
- Development of a Nottingham energy tariff



Want to know more?

If you would to know more about the strategy please visit our website at

www.nottinghamcity.gov.uk/climatechange

Our full Nottingham Community Climate Change strategy is available for download, and further information is included.

Please send us your views on climate change and help us develop our action plans further, by emailing:

climate.change@nottinghamcity.gov.uk

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