

Environment & Climate Action

Climate Change Commission

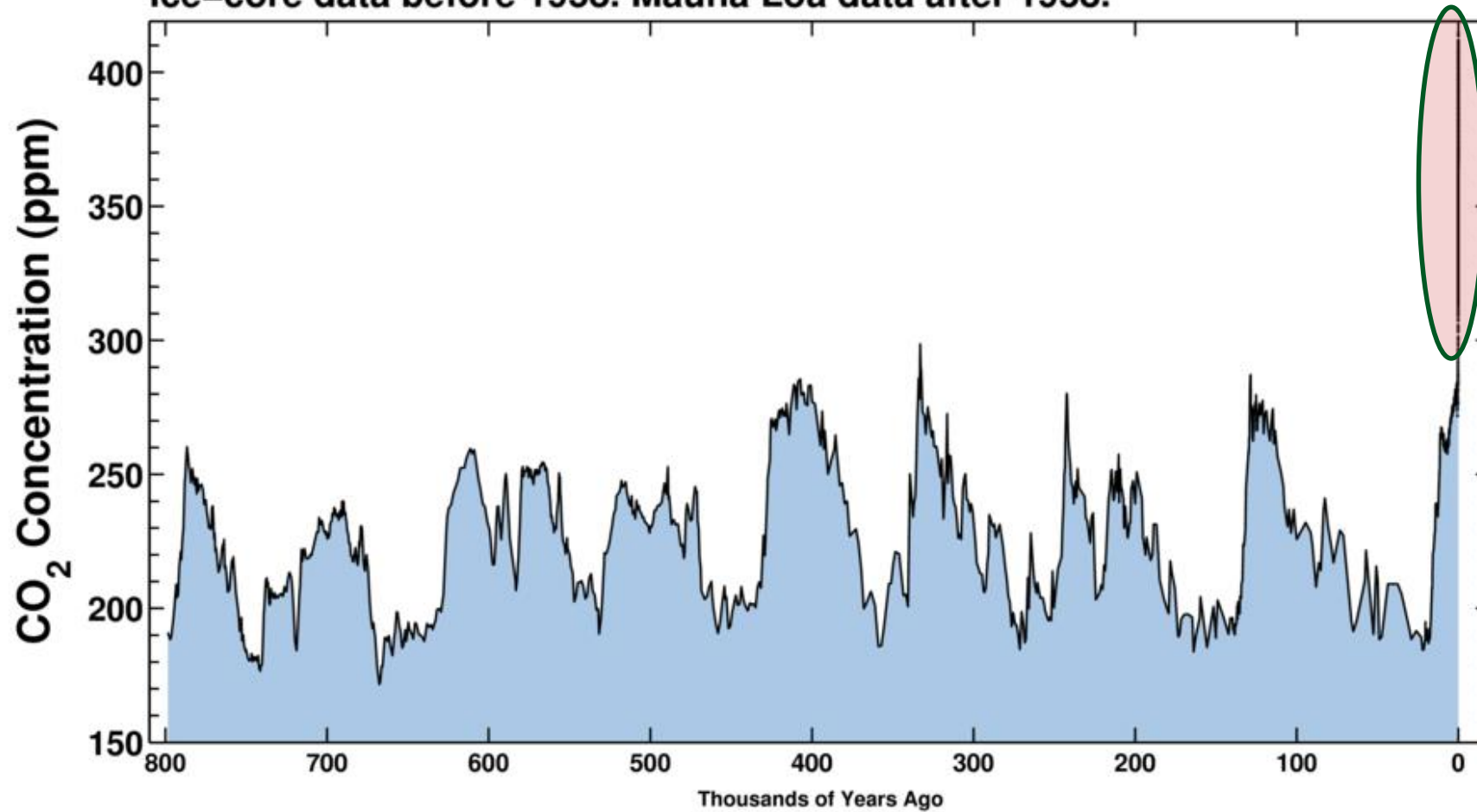


Essex County Council

CO₂ Concentration – 800,000 years

Latest CO₂ reading
September 20, 2019

Ice-core data before 1958. Mauna Loa data after 1958.

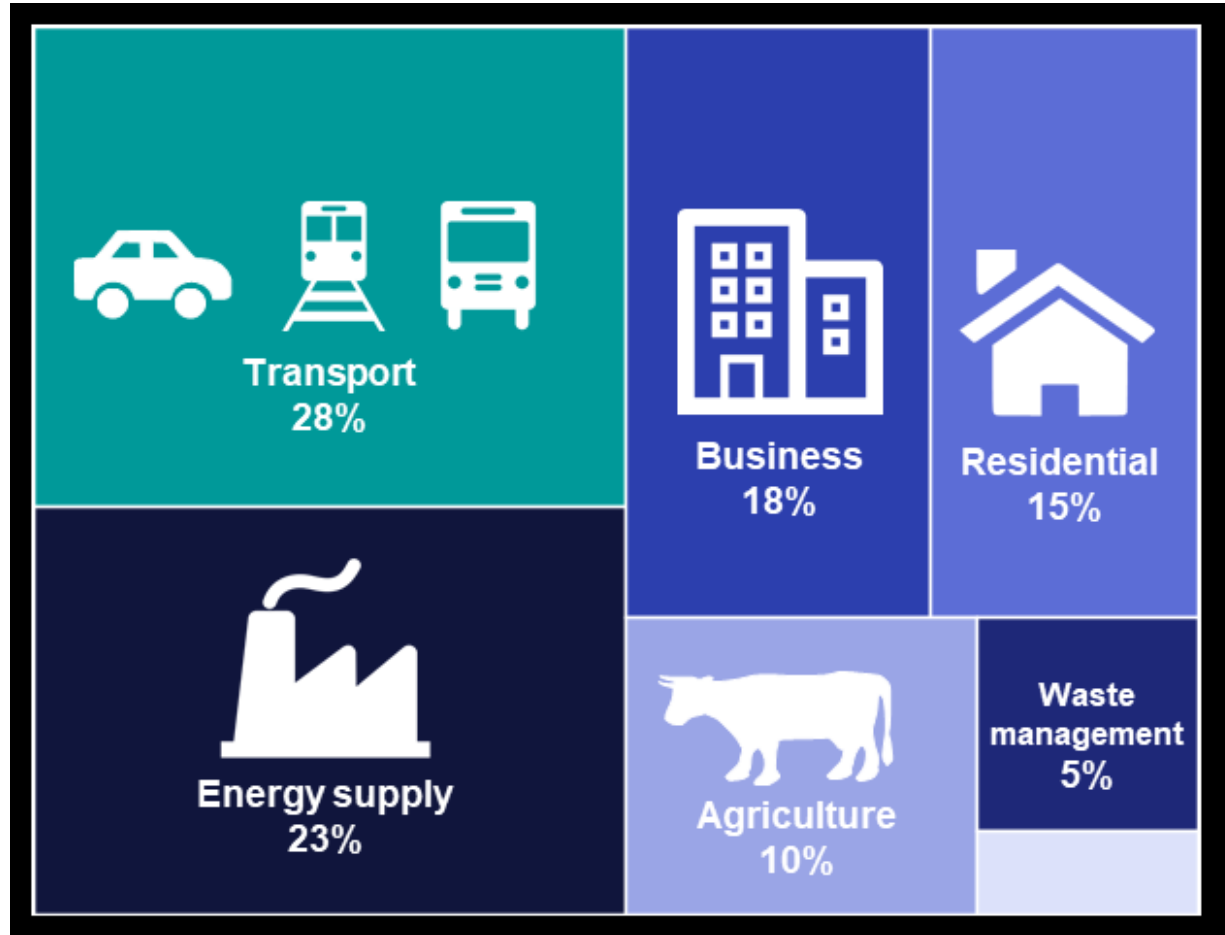


Source: Scripps Institution of Oceanography

Climate Challenge: Net Zero Green House Gases

UK Domestic Green House Gas Emissions (GHG) by Sector 2018

Source: BEIS, HMG



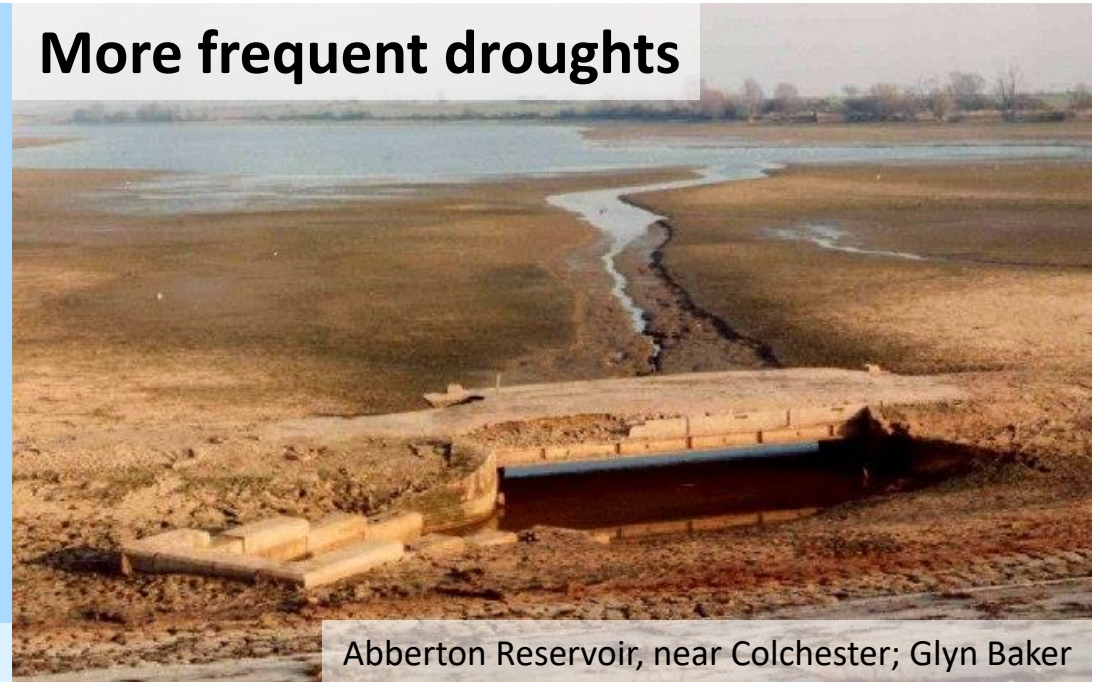
The UK has made significant progress, reducing GHG emissions by 43% from 1990, with the energy supply sector accounting for around half of this overall reduction.

We are committed to achieve net zero emissions by 2050 (Climate Change Act 2008).

Climate Challenge: Adapting to Changes in Essex



More frequent droughts



More frequent flooding



Action ECC has taken

County council announces commission and tree project to tackle climate change

✓ PUBLISHED: 08:12 09 October 2019 | UPDATED: 11:50 09 October 2019 | [Andra Maciucă](#)



County Hall, the home of Essex County Council.

Two major environmental actions have been announced by the leader of Essex County Council.

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Essex County Council to launch million-pound tree project

8 October 2019 f t e Share

Climate change



Extinction Rebellion campaigned outside the meeting

A local authority is to plant 375,000 trees to demonstrate its "commitment to climate change" reversal.

Essex County Council will grant funding of £250,000 to start a Climate Change Commission, along with a "million-pound" Essex Forest Initiative.

Membership of the Commission

- Cross-party
- Brings together experts from Academia, Climate Scientists, the Public Sector and Business Leaders e.g. UN Chief Scientific Adviser, senior academics from all 3 Essex Universities, major car manufacturer, representatives from relevant trade associations.
- Appointed Independent Chair – Lord Randall of Uxbridge
 - Identified for his significant experience in both national government and the private sector.
 - Life peer in the House of Lords.
 - Was Special Advisor on the Environment to the former Prime Minister, Theresa May
 - served as a trustee of the RSPB
 - special envoy on modern slavery to the Mayor of London
 - member of the Environment, Transport and Regional Affairs Select Committee

Membership of the Commission

- Appointed two Young Essex Assembly members to the Commission as co-chairs
- Chair of Place Scrutiny to be an official Observer at meetings of the Commission

Climate Strategy for Essex

Proposal for Climate Commission:

The Climate Commission will be asked support the County in production of a core strategy for Essex setting out a road map to net zero for the County.

- The Commission will be asked to review key areas where change is needed to drive down emissions, manage increasing risks from an already changing climate and open opportunity for a new green economy.
- The proposal is to focus in year one on six core areas for action: Green Infrastructure, Adaptation for a Changing Climate, Transport, Built Environment, Energy & Waste, Community Action
- The Environment & Climate Action team will commission reports supported by key members of the Commission with relevant expertise, the relevant Essex City Council teams and consultancy support as required.
- The reports and recommendations for action will be presented to the full Commission to review, challenge and finally agree.
- The Commission recommendations
 - will be taken back to the Council via the Health and Wellbeing Board and form a foundational core of Essex strategic and business planning.
 - Inform production of a Climate Strategy for Essex recognising the roles of multiple partners and stakeholders

Climate Strategy for Essex

Green Infrastructure

- Nature Based Solutions
- Forestry
- Nature Corridors
- Land Use Change

Adapting to A Changing Climate

- flood
- drought
- overheating
- pests
- disease
- supply chains

Transport

- public transport
- modal shift
- walking
- cycling
- EVs
- charging infrastructure
- sustainable freight

Built Environment

- Building standards
- ECC estate
- Residential
- Industrial
- Commercial
- Planning
- Garden Communities
- Urban landscape
- New Technologies

Energy & Waste

- Waste Reduction
- Circular economy
- Local energy & heat
- Energy from Waste
- Wind
- Solar
- Biomass

Community Action

- Community energy
- Behaviour Change
- Education
- Skills
- Health

Long Term Objective

Interim Milestones

5 year policy and delivery plan framework

Commission Timetable

The Commission is set to run for two years. We are committed to nine public meetings in the first year and four in the second year.

Year One

1: 31st March Inaugural meeting (Being rescheduled as a result of COVID-19)

- agree ToR, workplan and timetable, nominate sponsors for each deep dive
- short presentation on ECC and what we are already doing
- Deep Dive 1: Green Infrastructure Strategy

2: Deep Dive 2: Adapting to a Changing Climate:

- Government Committee on Climate Change presentation on what Net Zero really means and adaptation
- Presentation on flood management

3: Deep-dive 3: Transport

4: Deep-dive 4: Built Environment

5: Evaluation of work to date and interim report

6: Deep-dive 5: Energy & Waste

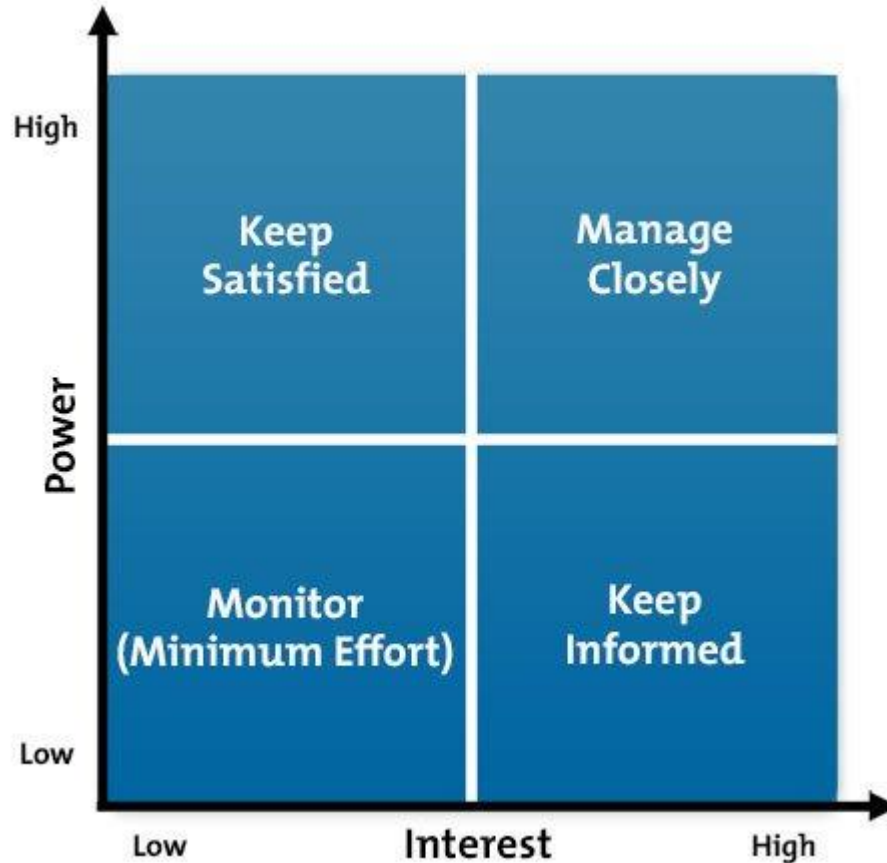
7: Deep-dive 6: Community Engagement

8: Review overall findings and agree recommendations for Year 1 report. Agree a launch plan

9: Sign off year 1 report and set up workplan for year 2.

Stakeholder Engagement

A Stakeholder Engagement Plan will be developed to ensure the full range of stakeholders across Essex are involved.



Essex County Council cannot deliver a net zero county alone. This is a collective endeavour working with public sector partners locally and nationally, private sector businesses and investors, residents and visitors.

Even for the services Essex County Council delivers, change will need to be a collaborative, transparent and consultative process.

Next Steps

- Staying in touch with Commission Members ahead of rescheduled date
- Embed new Delivery Assurance Manager recruited to the Secretariat of the Commission
- Hold first meeting of the Commission – this will be held virtually on 12th May
- Invited Committee on Climate Change to second meeting of Commission – date TBC