

Climate Emergency and Net Zero What does it mean for planning?

Kent and Medway Planning Workshop

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Strategic Framework

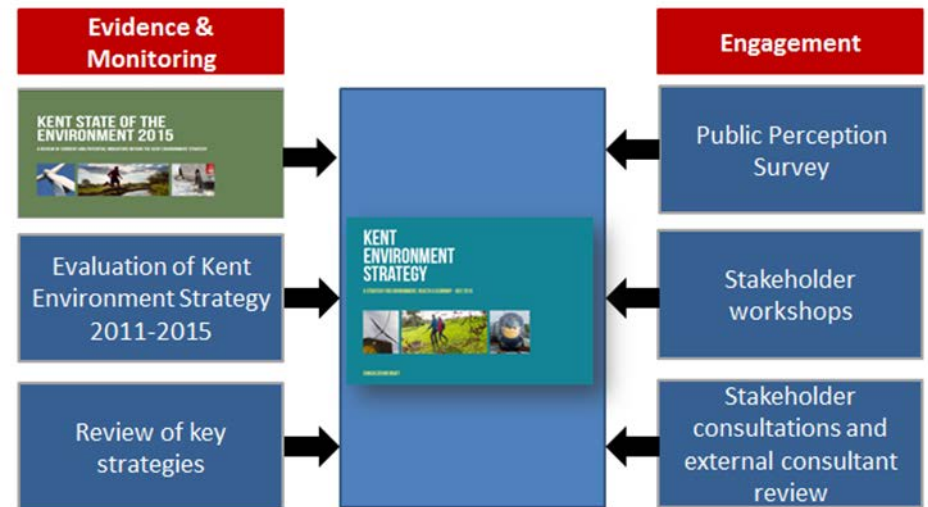


Setting the direction for the county

- Strategic Context and Framework
- High level priorities
- Partnership
- Significant opportunity or challenge

Why work in partnership?

- Cross boundary issues
- Resources/expertise
- Funding
- Greater impact and better outcomes



Rapid rise up the agenda...

Air pollution responsible for more deaths than smoking, study says

'EU lagging a long way behind' in tackling toxic air, say researchers as study shows pollution deaths double previous estimates

Alex Matthews-King Health Correspondent | Tuesday 12 March 2019 10:45 |

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Air pollution: the new asbestos?

Written by: Matthew Holder, Head of Campaigns | British Safety Council | Posted on: 5th June 2019

We need to act now or we will look back, as we do with the carnage wrought by asbestos, and think why we didn't act on air pollution, says Matthew Holder, Head of Campaigns at the British Safety Council.



Ella Kissi-Debrah: new inquest granted into 'air pollution' death

Nine-year-old from London died after asthma attack possibly linked to pollution



▲ Ella Kissi-Debrah died in February 2011.

CLEAN AIR FOR ALL
Failure to cut air pollution could land politicians in court, warns UN health expert



SPECIAL REPORT

Global Warming of 1.5 °C

An IPCC special report on the impacts of global warming of 1.5 °C above pre-industrial levels and related global greenhouse gas emission scenarios in the context of strengthening the global response to the threat of climate change, sustainable development, and efforts to eradicate poverty.

IPBES
GLOBAL
ASSESSMENT
SUMMARY FOR
POLICYMAKERS
(PDF)



CLIMATE EMERGENCY DE

CALL TO DECLARE
A CLIMATE EMERGENCY



extinction
rebellion

NET
ZERO
~~2050~~ 30

KENT AND MEDWAY ENERGY AND LOW EMISSIONS STRATEGY



SUPPORTING DELIVERY OF THE KENT ENVIRONMENT STRATEGY

Consultation Feedback

- 365 responses - 1000+ written responses
- Not ambitious enough- Reflect Climate Emergency
- Embodied carbon
- Government holds the key!! – Conflict
- Technologies
- **Planning more prominent – too subtle**
- Public Transport
- Natural capital
- Sectors no control – agriculture, aviation, maritime
- Behavior change

CCRIa for Kent and Medway

September 2019



Sustainable Business &
Communities

Interreg
North Sea Region
FRAMES
European Regional Development Fund



Priority Risks

Risks to health, wellbeing, productivity and infrastructure from high temperatures

Flooding and coastal change risks to communities, businesses and infrastructure

Risk of storm events/intense rainfall impacting productivity and transport infrastructure

Risks of shortages in the public water supply and for agriculture, energy generation and industry

Overheating, flooding, drought and coastal change risks for natural capital

Soil erosion and slope destabilisation as a result of flooding and drought impacting infrastructure, natural environment and productivity

Risk of new and emerging pests and diseases and invasive non-native species affecting people and biodiversity likely to affect Kent (first) in the future

What does this all mean?

?????????

(... answers on a postcard, or from the workshop...)

Not just about



10x



5milesx5miles

It's also about....



Net Zero Carbon Buildings: A Framework Definition

Smart Networks

Not just about EV & mobility - Connectivity



- EV and, and
- Location of local services
- Wide pavements
- Connected PROW - commuter routes
- Active travel infrastructure
- Mass transit
- Broad band

Climate proofing



Multi-Purpose Infrastructure Natural Capital



and don't forget off setting....

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Climate change: Cornwall Council reveals £30m forest plan

🕒 17 July 2019



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Replacing the old....



What are we going to do?

(... and no, running away to the circus is not an option)

Kent County Council and Climate Emergency

- Kent 2050 – ELES – Climate Plan?
- KCC accelerated target and action plan May 2020
- Adaptation Plan
- Scatter – Kent wide data
- Laser – Carbon Descent - KCC organisation

Kent and Medway Actions

1. Modelling Net Zero – The art of the possible
2. Set ambitious carbon budgets – 3-5 years
3. Demonstrate leadership – policies/guidance around commissioning and procurement, lobbying government
4. Clean Growth and Net Zero common position statement local plans, Kent Design
5. Net Zero, Air quality and Biodiversity Offset Fund
6. Net Zero Buildings
7. Sustainable Connectivity
8. Net Zero Energy
9. Stimulate Low Carbon Sector
10. Communications, engagement and behaviour change

Five Principles to keep in mind for the workshops..

- Net zero energy – consumption and supply
- Resource efficiency (not all about carbon)
- Sustainable connectivity
- Climate resilience
- Maximising the use of natural capital