

Borough Council of
**King's Lynn &
West Norfolk**



Environment and Community Panel
Tuesday, 3rd September, 2019 at 5.00 pm
in the Council Chamber - Town Hall, Saturday Market
Place, King's Lynn PE30 5DQ

Reports marked to follow on the Agenda and/or Supplementary Documents

1. **Climate Change Presentation (Pages 2 - 20)**

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Climate Change Update

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Agenda Item 7

Dave Robson & Ged Greaves

Borough Council of
King's Lynn &
West Norfolk



Background

- Council adopts Norfolk Climate Change Strategy 2008
- Council signs up to Nottingham Accord 2008
- Council publishes Environment Statement, 2008
- Data no longer collected - national indicators withdrawn in 2010
- Paris Agreement on climate change, 2015
- New Anglia LEP consider CO₂ emissions, Aug 2019



National drivers of change...examples

- Climate Change Act 2008
- Industrial Strategy, 2017
- Clean Growth Strategy, 2017
- 4 • 25 Year Environment Plan, 2018
- Road to Zero Strategy, 2018
- Automated and Electric Vehicles Act 2018
- Carbon neutral by 2050



BEIS UK Provisional Data 2018

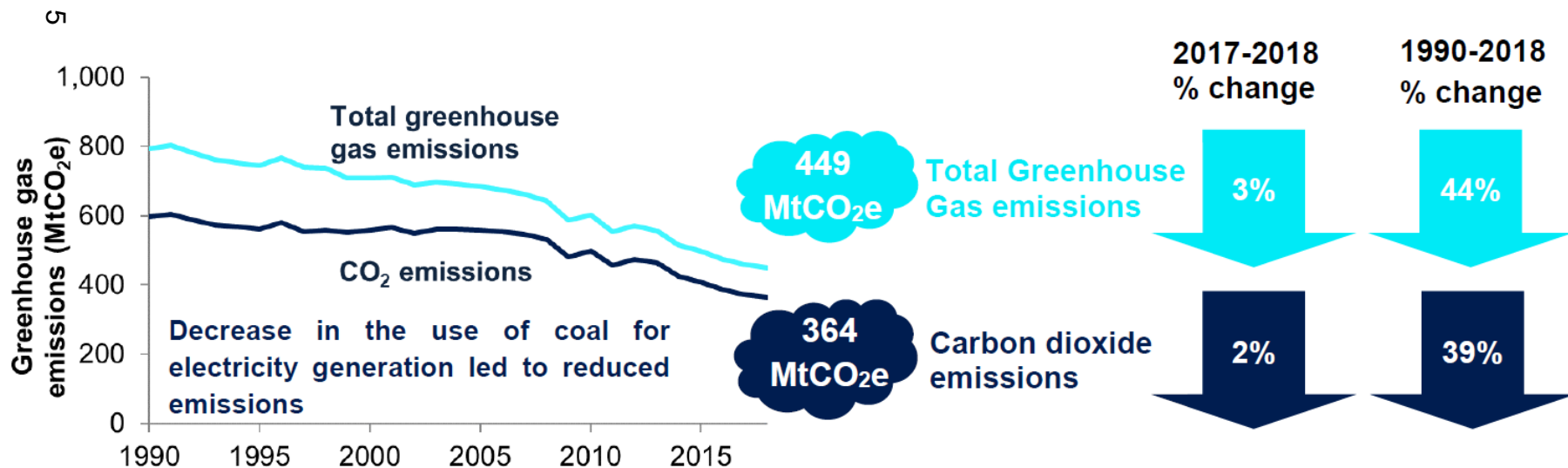


Department for
Business, Energy
& Industrial Strategy

2018 UK Provisional Greenhouse Gas Emissions



2018 UK greenhouse gas emissions are provisionally estimated to be lower than in 2017



Borough characteristics

- Large rural authority, low population density
- Critical access roads for Norfolk (A roads)
- Major industry relative to geographic neighbours
- Vibrant tourist economy
- Legacy of our past – reclaimed Fens/ Landfills
- Large areas without mains gas, residents using alternatives (Oil/ Solid Fuel)



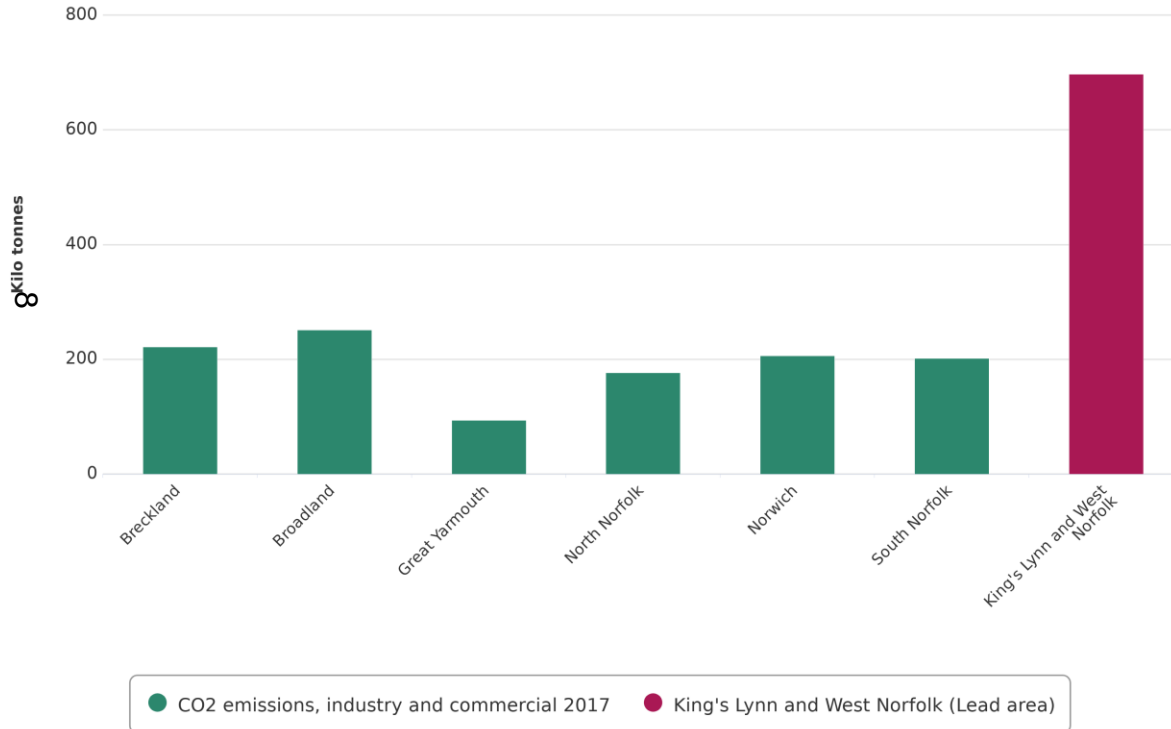
BEIS 2017 Borough CO₂ data

This data is not the carbon footprint of BCKLWN it is all sources emitted within the district boundary:

Sector	% Emissions	Notes
Industry & Commercial	50%	several large industrial sites across the Borough, agriculture & old landfill sites etc
Domestic	17%	Not all housing use gas, many use oil or solid fuel for spacial heating
Transport	28%	Transport node; A10, A134, A17, A47, A149, A148 and rural area with many B roads
LULUCF emissions (Land Use & Forestry)	5%	Whilst many district have a CO ₂ sink with forestry, we like other fen districts are a net CO ₂ contributor mainly due to methane/CO ₂ emissions from the fen peat deposits

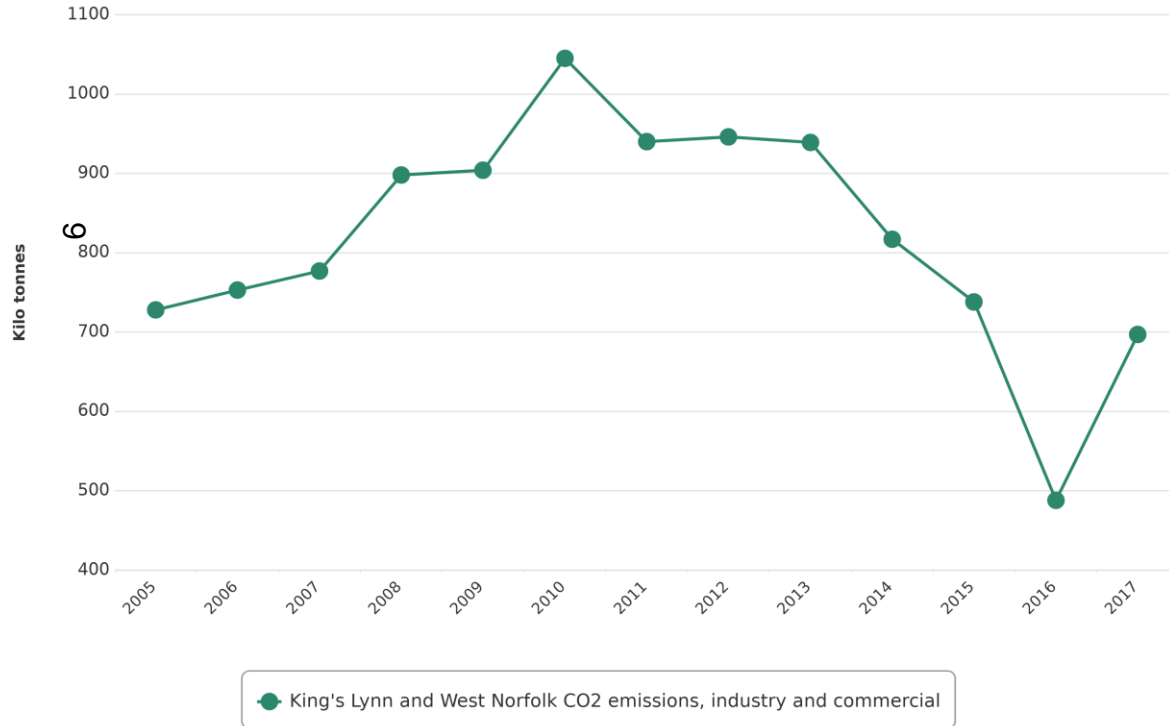
Industry and Commercial CO₂ emissions

CO₂ emissions estimates - Industry and Commercial (2017)



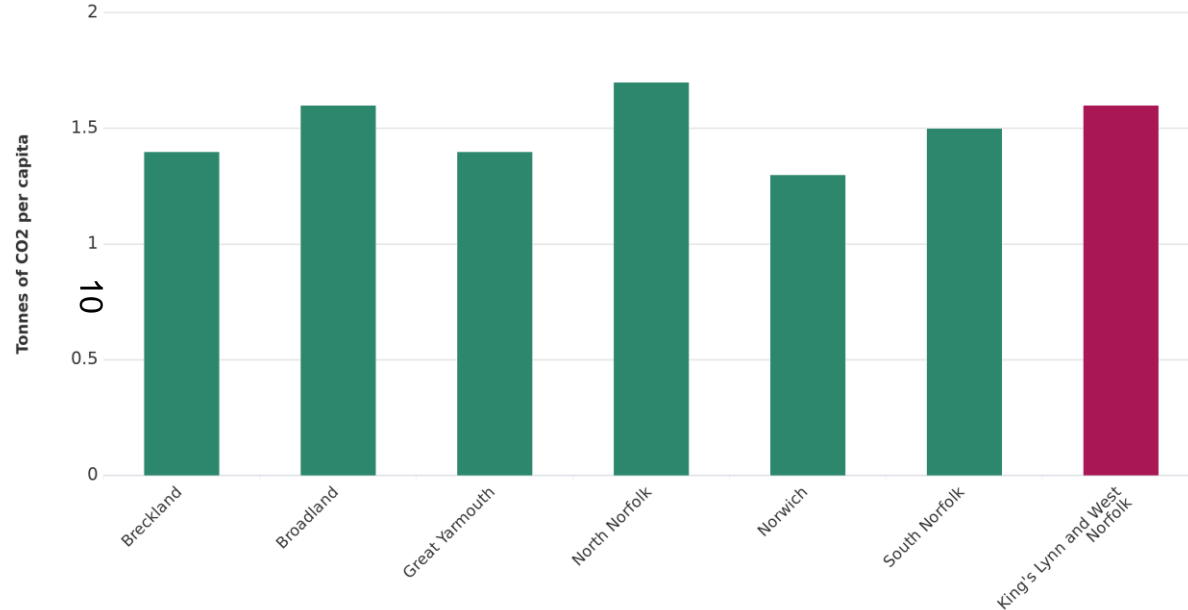
Industry and Commercial CO₂ emissions

CO₂ emissions estimates - Industry and Commercial



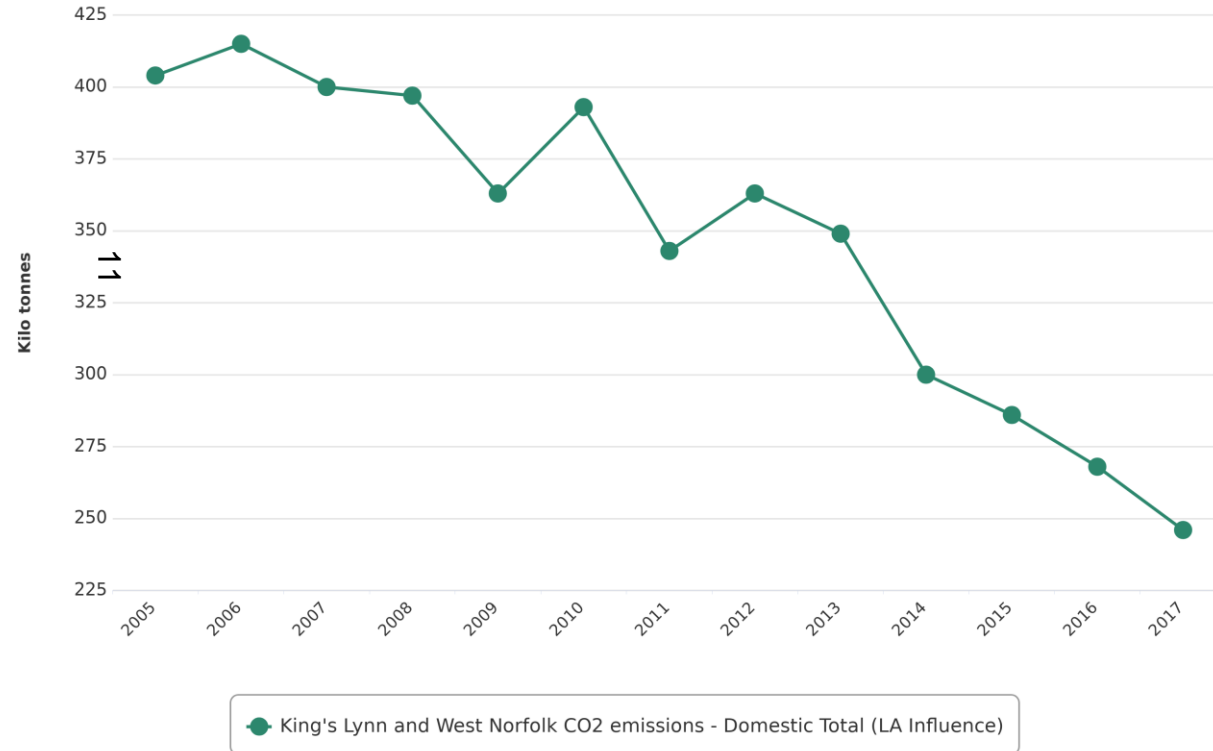
Domestic CO₂ emissions per capita

CO2 emissions estimates - Domestic per capita (2017)



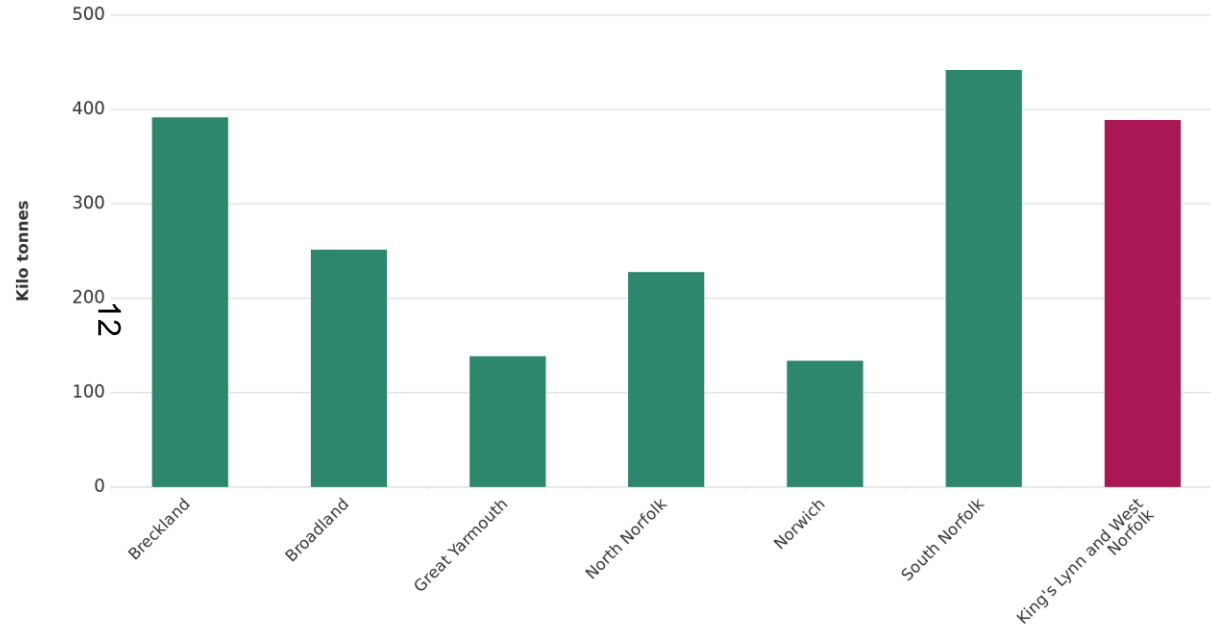
Domestic CO₂ emissions

CO2 emissions estimates - Domestic Total (LA Influence)



Transport CO₂ emissions

CO₂ emissions estimates - Road Transport (2017)

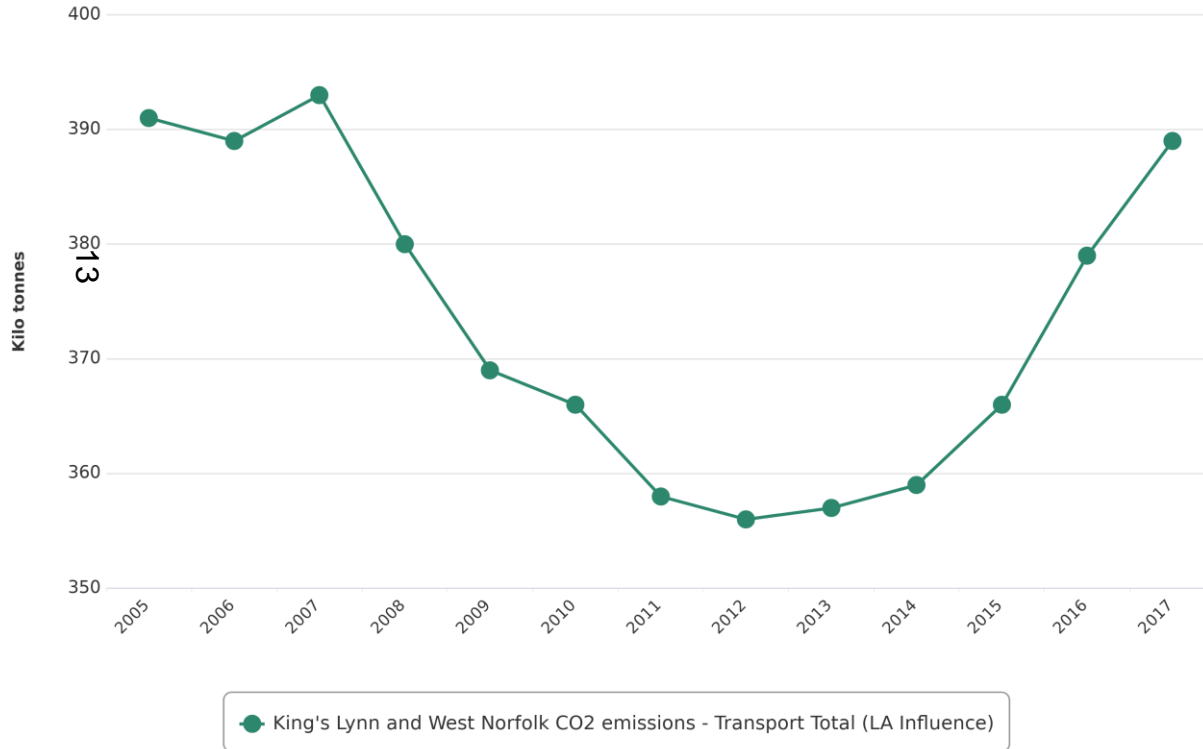


● CO₂ emissions, road transport 2017 ● King's Lynn and West Norfolk (Lead area)



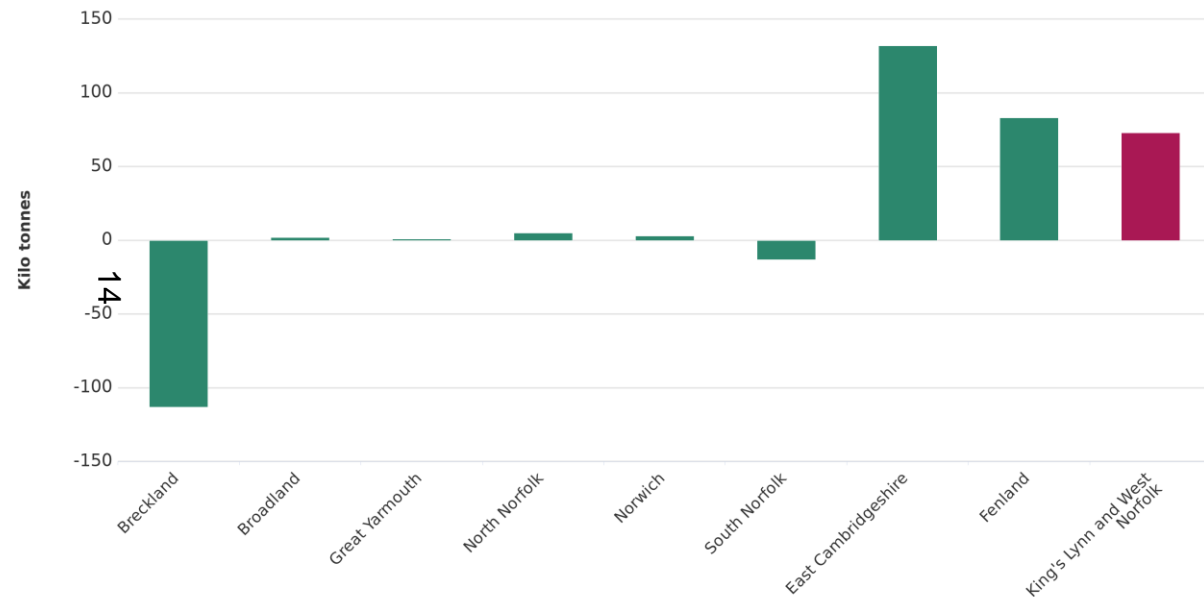
Transport CO₂ emissions

CO₂ emissions estimates - Transport Total (LA Influence)



LULUCF CO₂ emissions

CO₂ emissions estimates - land use, land use change and forestry (LULUCF)
(2017)

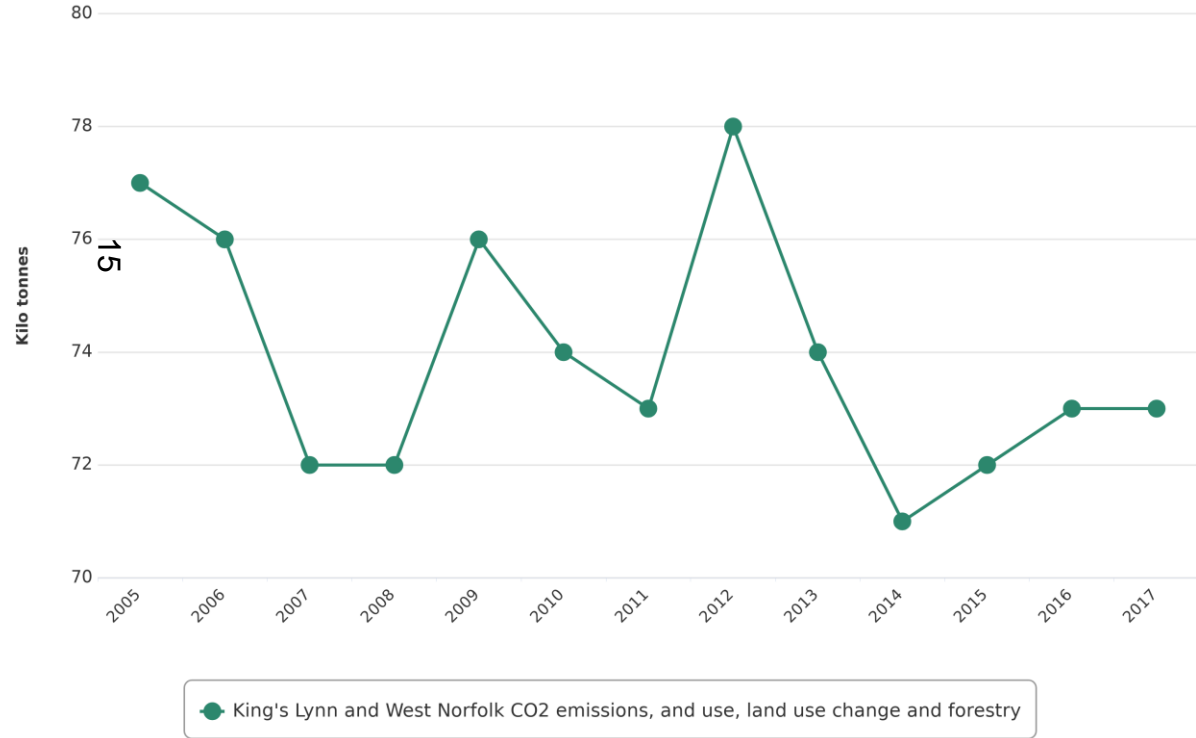


● CO₂ emissions, and use, land use change and forestry 2017 ● King's Lynn and West Norfolk (Lead area)



LULUCF CO₂ emissions

CO₂ emissions estimates - LULUCF



Council's CO₂ reduction activities

- Solar photo-voltaic panels – Lynnsport & King's Court
- Electricity – a proportion from renewable sources
- Reduced overall office space
- Digitalisation and agile working
- Green Travel plan
- Lease cars – hybrid
- Use of energy efficient technology and lighting
- Council building estate energy efficiency and optimisation project (March 2019)



Moving forward

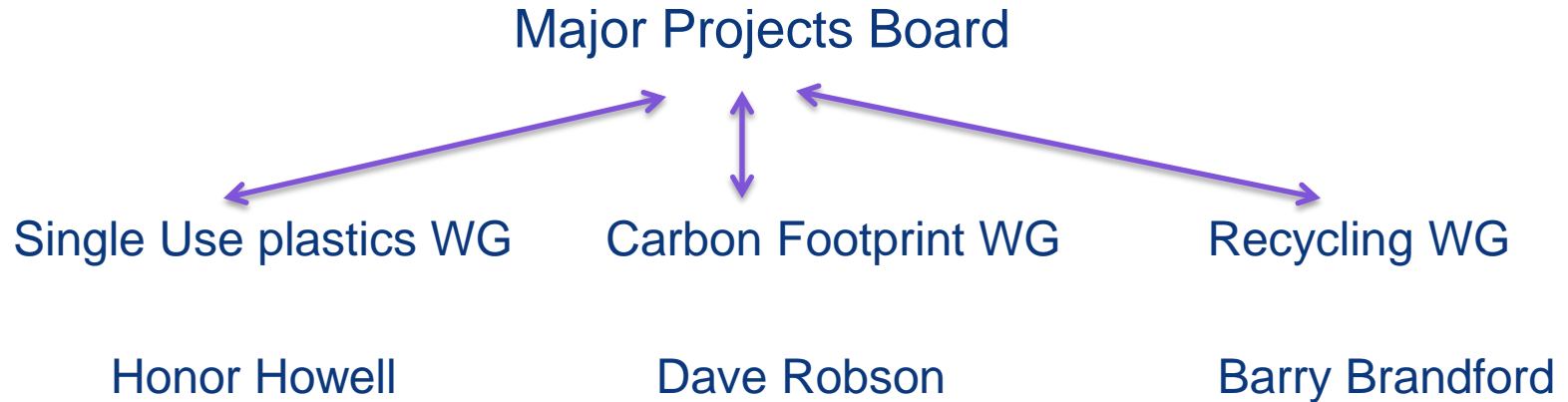
- Cabinet agrees to update carbon footprint of the Council, May 2019.
- Management Team (MT) considers Climate Change Discussion Paper, July 2019 and agrees a phased approach;
 - Phase 1 audit council's carbon footprint & whole district emissions
 - Phase 2 develop council's strategy
- Nurturing links with stakeholders



Project Overview

Because of the overlapping areas of work on climate and recycling issues it was agreed by MT that the following approach should be taken:

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BCKLWN Carbon Footprint- Phase 1

- New officer working group to be formed to update council's carbon footprint
- Appoint a student placement/graduate intern to support carbon footprint development.
- Collate existing policies and practice.
- Complete CO₂ emission review of whole district.
- Update E&C Panel on progress



Climate Change Strategy – Phase 2

- To start once Phase 1 is complete
- Review existing council policies and practices and make recommendations
- 20 • Consider stakeholder activities such as New Anglia LEP's climate change work and implications for west Norfolk
- Consider national drivers
- Update E&C Panel

