

Climate Change Update

E&C Panel: 9th November 2021

Borough Council of
King's Lynn &
West Norfolk



Carbon Audit

- The BCKLWN continues to produce an annual Carbon Audit, in order to monitor its annual emissions and inform future carbon reduction measures.
- For 2020/2021, we have also redefined and subsequently recalculated our base year. Nationally, 1990 is used as the base year, however we don't have data from 1990.
- Previously our base year was 2018/2019, but this has been changed to the earliest data set available: 2009/2010.



Carbon Audit - Headline Figures

- 2,997.0 tCO₂e was emitted in 2020 / 2021.
- 33% overall reduction since 2019 / 2020.
- 59% overall reduction since 2009 / 2010 base year.
- 7,366.1 tCO₂e was emitted in our 2009/2010 base year.

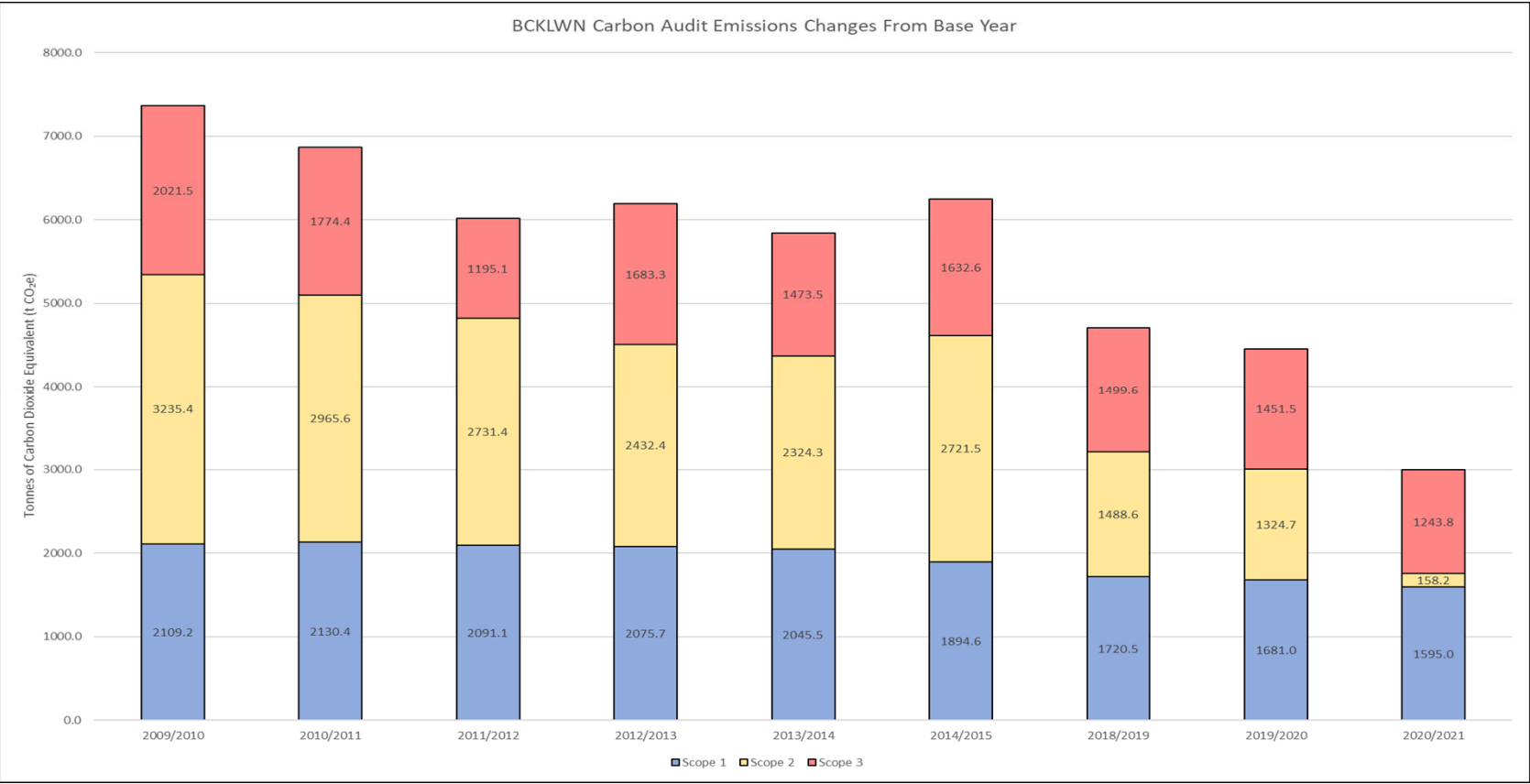


Carbon Audit - Headline Figures

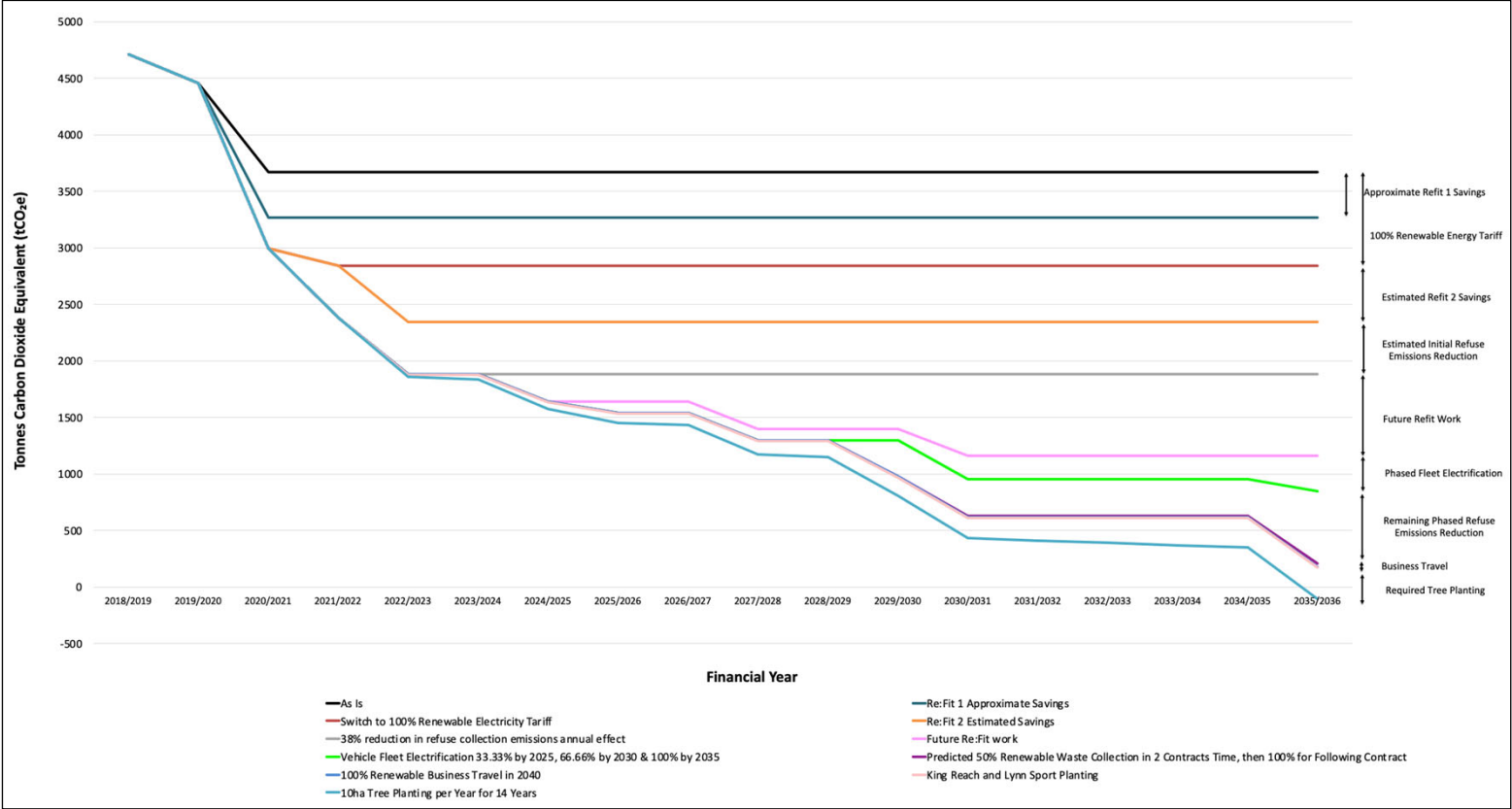
- Scope 1 emissions reduced by 5%.
- Scope 2 emissions reduced by 88%.
 - Due to renewable energy tariff.
 - Also, reduced consumption and a lower UK emissions factor for electricity.
- Scope 3 emissions reduced by 14%.
- 62,721.9 kWh of electricity generated by solar pv.



Carbon Audit - Emissions Trend



Carbon Audit - Net Zero Pathway



Carbon Audit - COVID-19

- The reductions seen in scope 3 can be largely attributed to the effects of the COVID-19 pandemic and subsequent national lockdowns.
- Business travel saw a yearly reduction of 41.6 tCO₂e from 66.3 tCO₂e in 2019/2020 to 24.6 tCO₂e in 2020/2021 (a 63% reduction).
- Water supply and water treatment saw 29% and 30% reductions, respectively.
- Refuse collection emissions also saw a 9% reduction.



General Update

- Website page refresh
- New starter – UEA graduate intern – 12 months
- Water efficiency grant – Going to MT soon.
- Heat networks – Looking to access grant funding.
- BEIS 2019 update report ready for November.
- EXPO initial meeting has taken place, with further meetings planned.
- A £1million climate change budget for the next 4 years has been discussed at MT, with options being considered and will be reported back in due course



COP 26 work

- We will be promoting COP26 through our social media channels from 25/10/21 – 12/11/21.
- COP26 will also be promoted on our website, following a update to our climate change web pages.
- Our Re:fit 2 work, following the £3.8million grant from the public sector decarbonisation scheme has been included in COP26 promotion (<https://www.youtube.com/watch?v=kLILGqA6b94>).



Re:fit 1 & 2 update

- Re:fit 1: £600k has been agreed to for the delayed streetlighting LED and column replacement project.
- Re:fit 2: Following on from the £3.8million grant, decarbonisation installation measures are ongoing. We are on track to complete the required works by the end of the 2021/2022 financial year.



Re:fit 3: High Level Assessment

- We have asked Ameresco to develop a high-level assessment (HLA) of our building portfolio to understand the decarbonisation options for the rest of our portfolio.
- Ameresco will also investigate renewable generation opportunities for the council.
- This HLA is likely to be completed in early spring 2022.



Strategy & Action Plan

- Our strategy and action plan was agreed and adopted by cabinet in September 2021. You can view it on our new [climate change webpages](#).
- We have restarted the following task and finish groups to take forward the specific actions from our plan:
 - Housing
 - Tree and Green Habitat
 - Vehicle Fleet
 - Procurement
 - IT
 - EV Charging



NCCP work

- Created a new website: <https://norfolkclimatechange.co.uk/>
- Developed an NCCP workplan.
- Our CRF fund bid for two feasibility studies was successful:
 - Sustainable Hydrogen Infrastructure for Transport in Norfolk
 - Community Energy Opportunities in Norfolk
- Organised an EV charging task and finish group to look at joint Norfolk work and options for EV charging, following the County's EV strategy.
- Proposed a new Norfolk Climate Change Portfolio Group to feed into the NCCP.



EV Charging Points Scheme

- Working with BP Pulse, we are looking to improve EV charging provision for residents with no-off street parking, with an application to the on-street residential chargepoint scheme.
- We will be applying to install over 20 fast (7kW) chargepoints on car parks within close proximity to residential areas with limited access to off-street parking. Parking will be free from 6pm – 8am to ensure accessibility to residents that need to charge overnight.
- This scheme provides 75% grant funding towards the cost and installation with, BP Pulse also providing the remaining 25% of the cost and maintenance for 7 years. Therefore, this project is zero cost to the council.
- We have advertised this scheme to Town and Parish councils, encouraging them to contact BP Pulse if they have any suitable sites.
- Additionally, BP Pulse will replace our current chargepoints in Hunstanton and King's Lynn with newer rapid chargepoints.



EV Charging Point Sites

- Valentine Road, Hunstanton – 3 units, 6 bays (1 disabled).
 - Sea Gate East, Hunstanton – 3 units, 6 bays (1 disabled).
 - Burnham Market – 3 units, 6 bays (1 disabled).
 - Austin Fields, King's Lynn – 8 units, 16 bays (2 disabled).
 - Boal Quay, King' s Lynn – 6 units, 12 bays (2 disabled).
 - Chapel Street, King's Lynn – 3 units, 6 bays (1 or 2 disabled).
 - Gaywood Library, King's Lynn - 3 units, 6 bays (1 disabled).
 - Lynnsport North, King's Lynn - 3 units, 6 bays (1 disabled).
 - Fairstead Centre Point, King's Lynn - 3 units, 6 bays (1 disabled).
- All the above sites are currently being individually reviewed. Therefore, sites, charger locations and number of chargers are subject to change.

6 bays = 1 disabled bay

1 EV charger = 2 bays



Tree Planting

- We submitted an application to the England Woodland Creation Offer in September for grant money towards the planting of roughly 6,400 trees at Lynnsport meadow.
- We will be going out to tender for the planting and 2 year maintenance of these trees in the coming month, with a goal of planting early in 2022.
- The replanting of 500 trees in King's Reach will also be included in this tender.
- Further work will be starting soon on developing the Tree and Green Habitat Strategy, as highlighted in our strategy and action plan.

