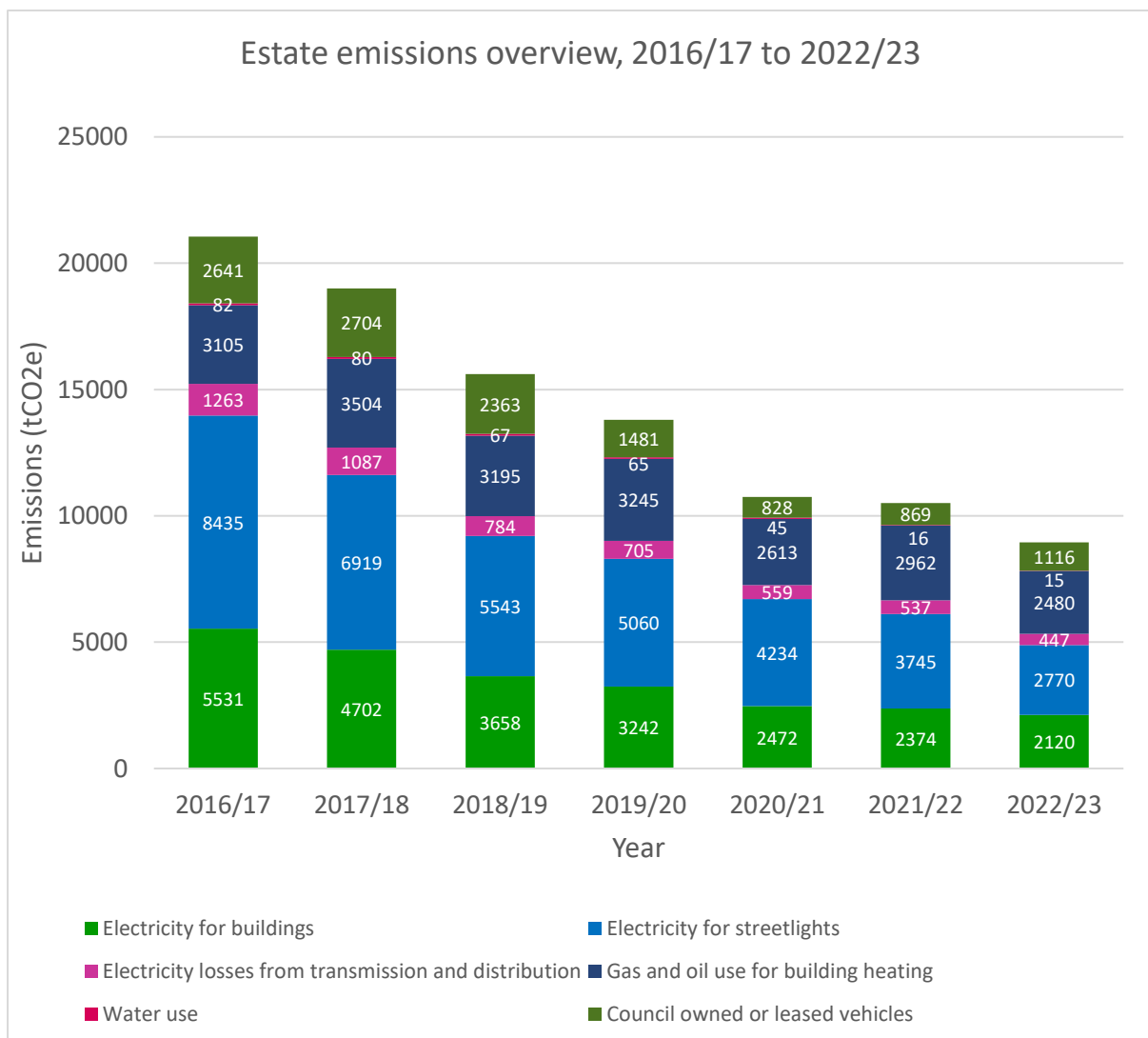


# Norfolk County Council Emissions Dashboard

## Our Estate Emissions

This first section provides an overview of our estate emissions (measured in tonnes of carbon dioxide equivalent (tCO<sub>2</sub>e)) which are those from running our buildings, streetlights and vehicles. We have committed to making these net zero by 2030 through reducing emissions by 90% and offsetting the remainder. The graph and table in this section show that our estate emissions have reduced by over half (57%) between 2016/17 and 2022/23. During this time we have worked to improve the energy performance of our buildings and converted over two-thirds (66%) of our streetlights to use energy efficient LED lightbulbs. Looking ahead, we aim to have converted all of our streetlights to energy efficient LED bulbs by 2026, transition our fleet to electric vehicles, and undertake a programme of retrofitting to move away from gas and oil heating in our buildings.



Emissions Source	Year	Emission (tCO2e)
Electricity for buildings	2016/17	5531
Electricity for buildings	2017/18	4702
Electricity for buildings	2018/19	3658
Electricity for buildings	2019/20	3242
Electricity for buildings	2020/21	2472
Electricity for buildings	2021/22	2374
Electricity for buildings	2022/23	2120
Electricity for streetlighting	2016/17	8435
Electricity for streetlighting	2017/18	6919
Electricity for streetlighting	2018/19	5543
Electricity for streetlighting	2019/20	5060
Electricity for streetlighting	2020/21	4234
Electricity for streetlighting	2021/22	3745
Electricity for streetlighting	2022/23	2770
Electricity losses from transmission and distribution	2016/17	1263
Electricity losses from transmission and distribution	2017/18	1087
Electricity losses from transmission and distribution	2018/19	784
Electricity losses from transmission and distribution	2019/20	705
Electricity losses from transmission and distribution	2020/21	559
Electricity losses from transmission and distribution	2021/22	537
Electricity losses from transmission and distribution	2022/23	447
Gas and oil use for building heating	2016/17	3105
Gas and oil use for building heating	2017/18	3504
Gas and oil use for building heating	2018/19	3195
Gas and oil use for building heating	2019/20	3245
Gas and oil use for building heating	2020/21	2613
Gas and oil use for building heating	2021/22	2962
Gas and oil use for building heating	2022/23	2480
Water use	2016/17	82
Water use	2017/18	80
Water use	2018/19	67
Water use	2019/20	65
Water use	2020/21	45
Water use	2021/22	16
Water use	2022/23	15
Council owned or leased vehicles	2016/17	2641
Council owned or leased vehicles	2017/18	2704
Council owned or leased vehicles	2018/19	2363
Council owned or leased vehicles	2019/20	1481
Council owned or leased vehicles	2020/21	828
Council owned or leased vehicles	2021/22	869
Council owned or leased vehicles	2022/23	1116

## Emissions from Business Travel

Many of our staff travel for work purposes in their own vehicles. For example, social workers using their own cars to travel to people's homes. Emissions from this business travel are outside of our net zero commitment for our estate as it is in vehicles the council does not own or lease, but we are actively monitoring them and looking into ways they can be reduced.

The graph and table in this section show our business travel emissions from 2016/17 to 2022/23. This is our own business travel and does not include employee commuting or travel undertaken by those who we buy services from. The graph and table show business travel emissions dropping significantly in 2020/21, which reflects the impact of the Covid-19 restrictions introduced that year. These have risen since as restrictions have eased but they remain well below pre-pandemic levels. Our aim is to keep these emissions as low as possible by reducing non-essential business travel.

Emissions source	Year	Emissions (tCO <sub>2</sub> e)
Employee and other vehicles	2016/17	2588
Employee and other vehicles	2017/18	2571
Employee and other vehicles	2018/19	2720
Employee and other vehicles	2019/20	2754
Employee and other vehicles	2020/21	1246
Employee and other vehicles	2021/22	1553
Employee and other vehicles	2022/23	1901

