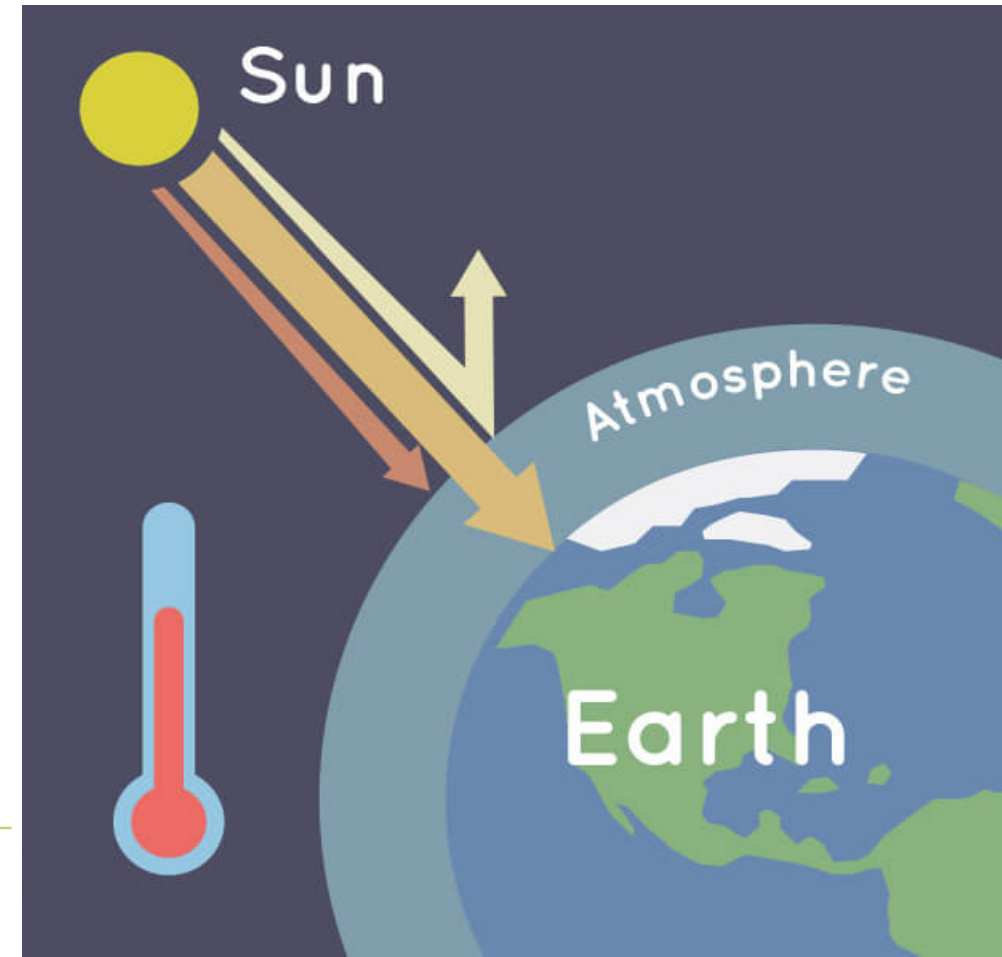
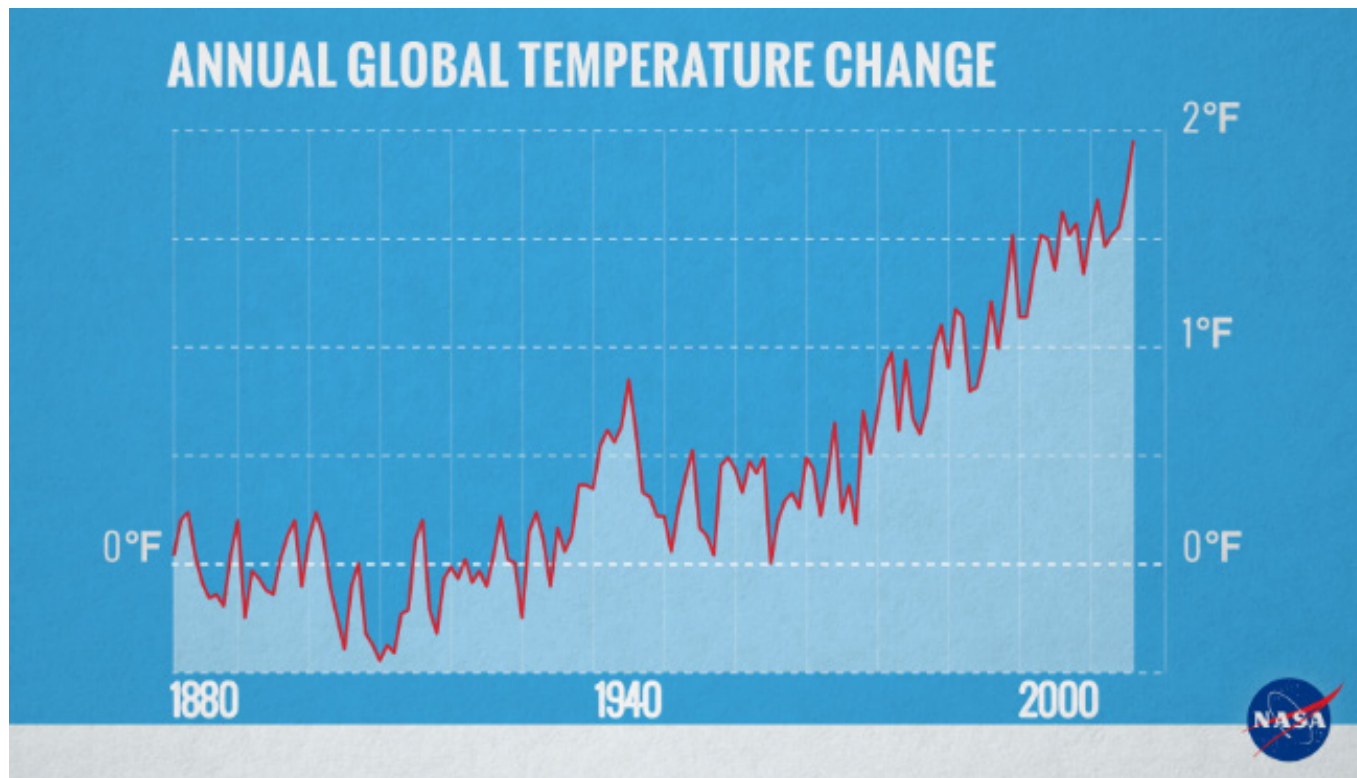


Breckland Council Carbon Emissions 22'23



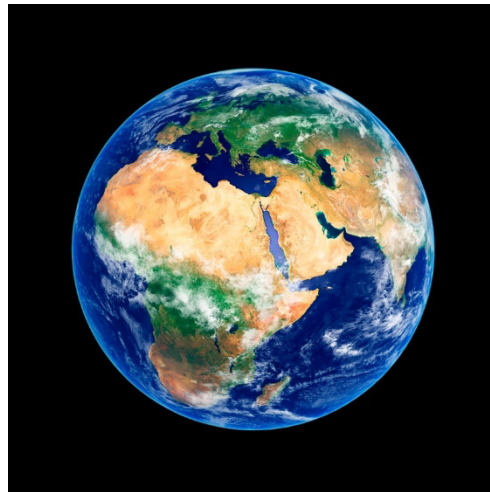
Climate Change

'Change in the average conditions such as temperature and rainfall over a long period of time'



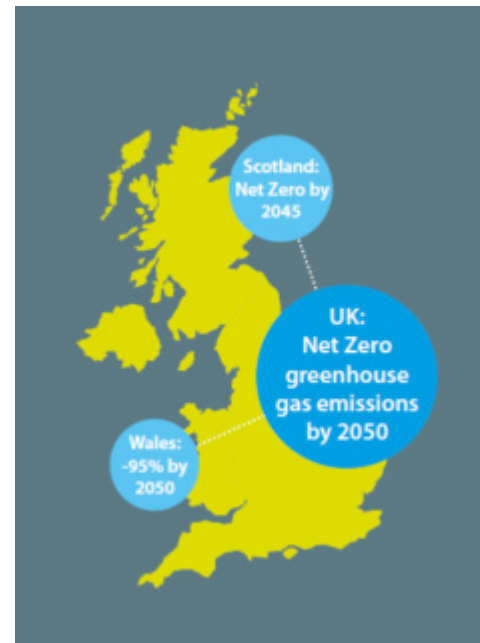
Climate emergency

Global



Paris
Agreements

National



Net zero by
2050

Local

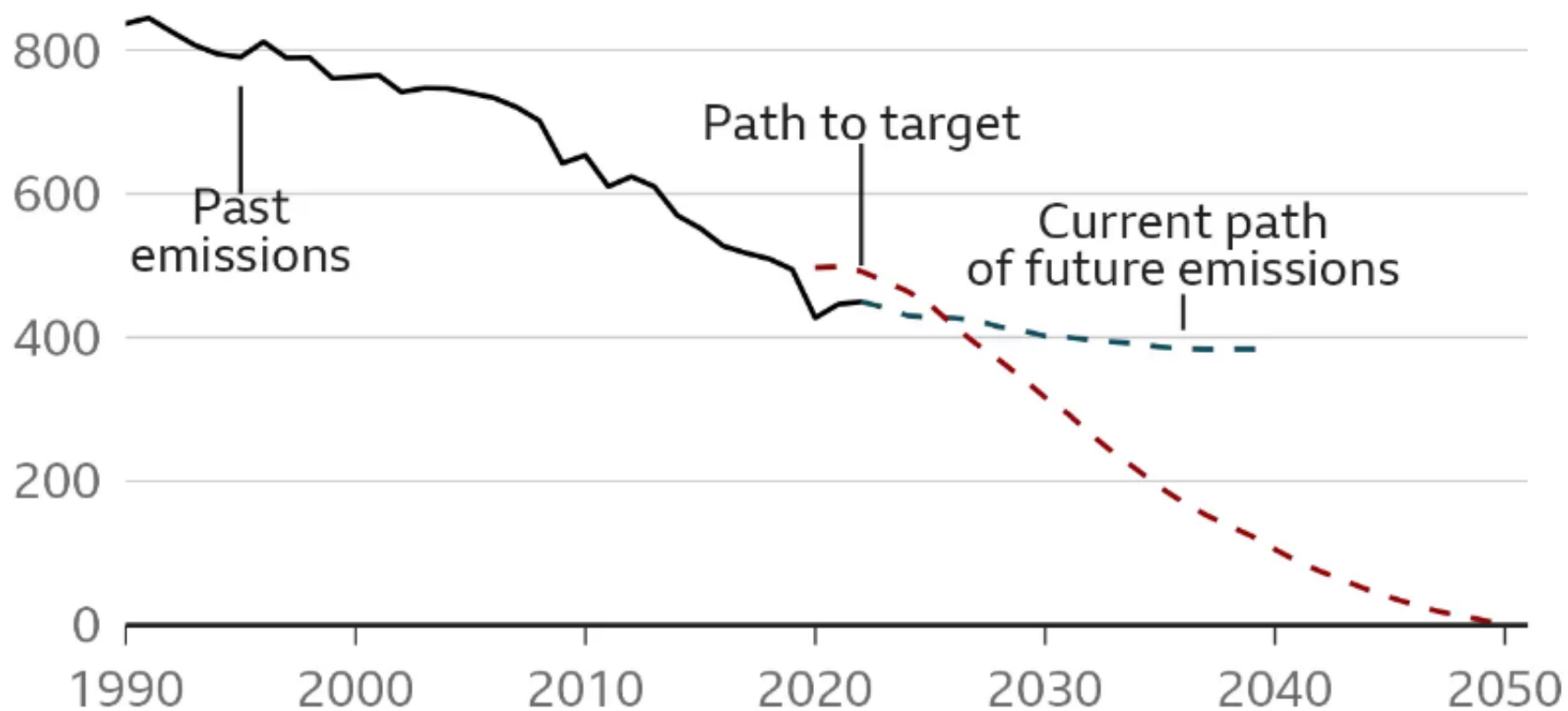


Net zero by 2035

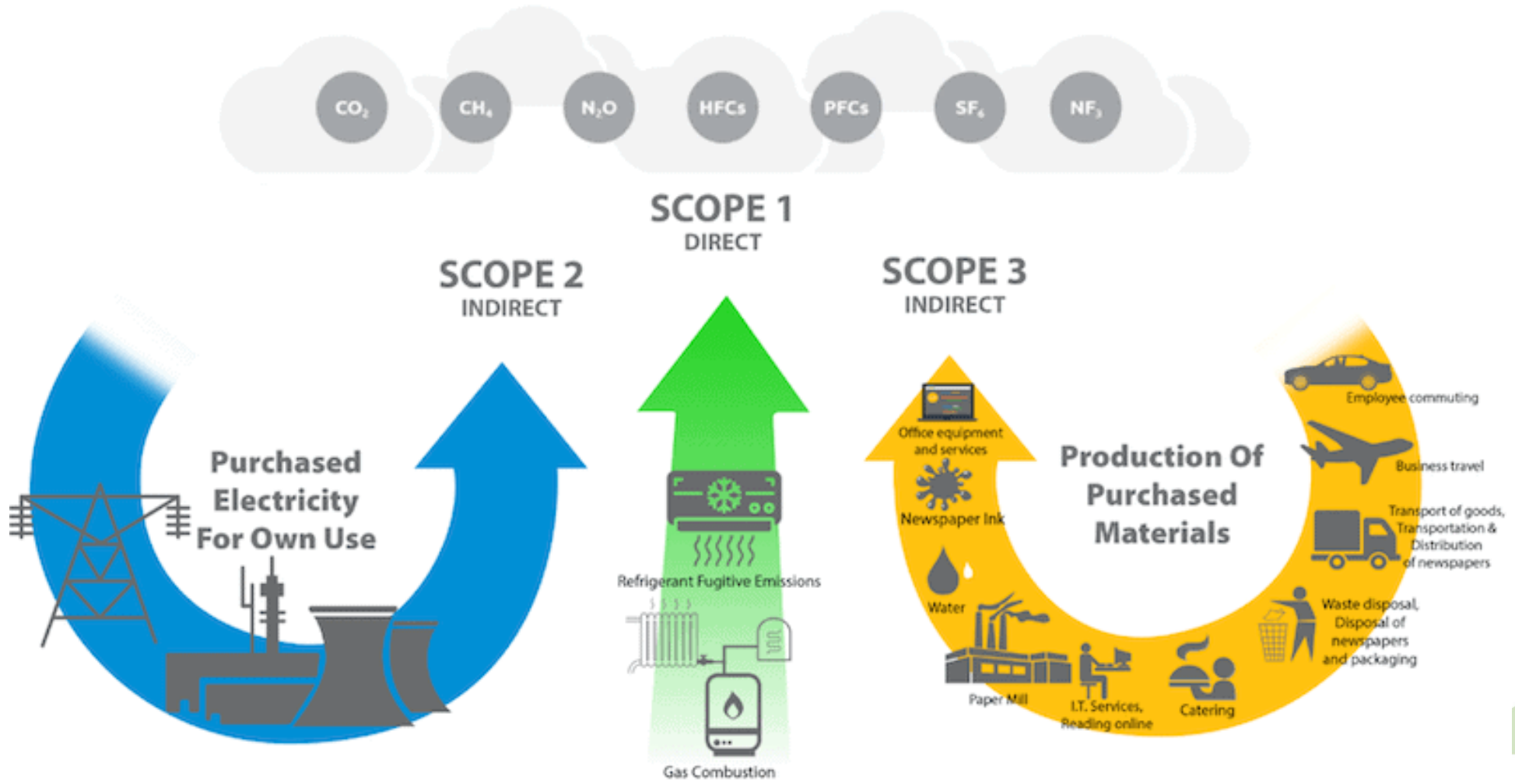


UK Picture

Megatonnes of CO2-equivalent greenhouse gas emissions per year



Carbon Emissions



Overall Emissions

2022/2023: 4119.20 tCo2e



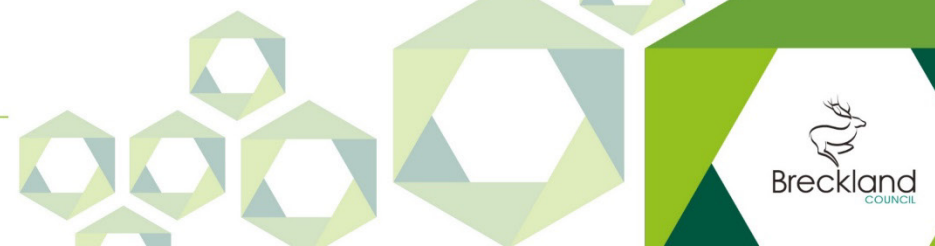
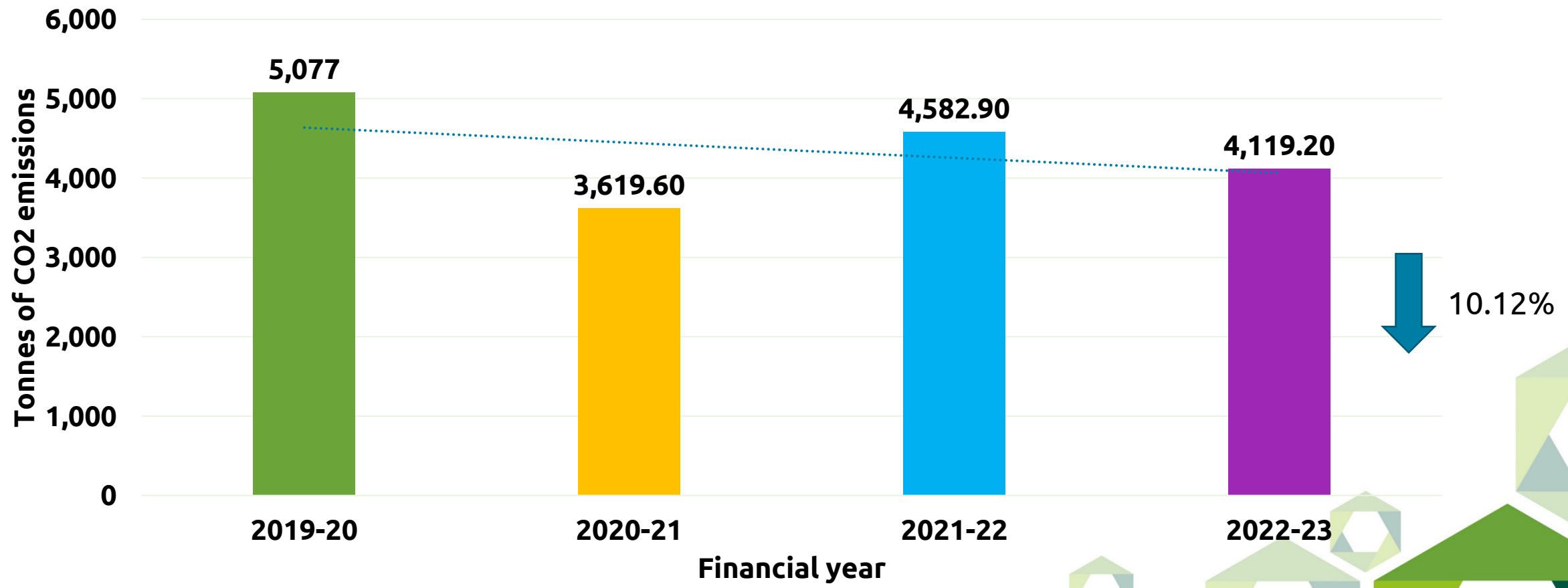
463.70 tCo2e reduction on previous year (21/22)



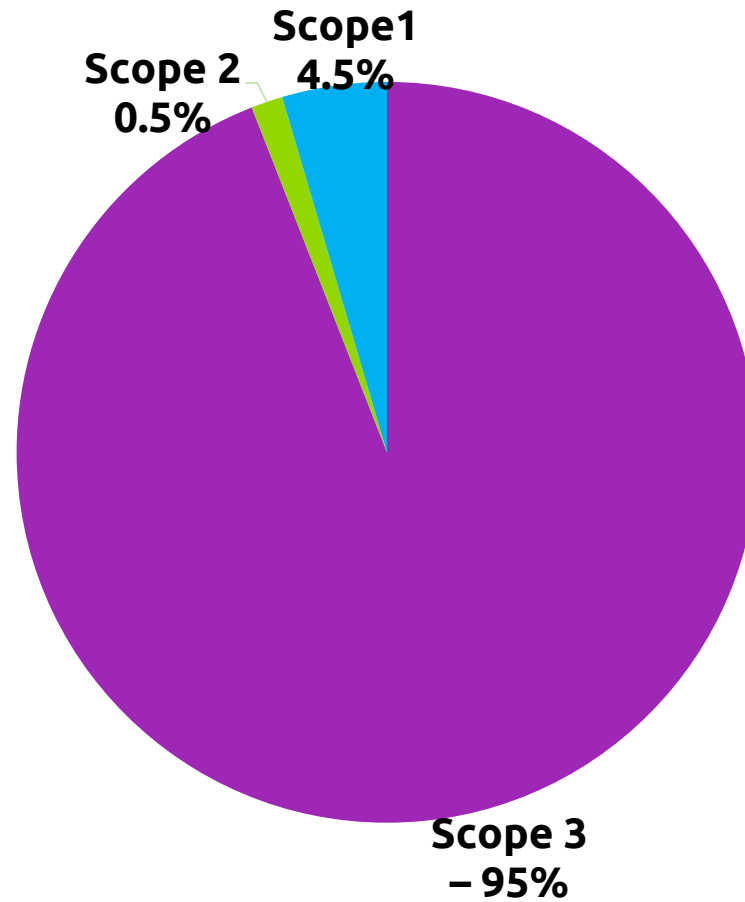
957.80 tCo2e saved since baseline year (19/20)



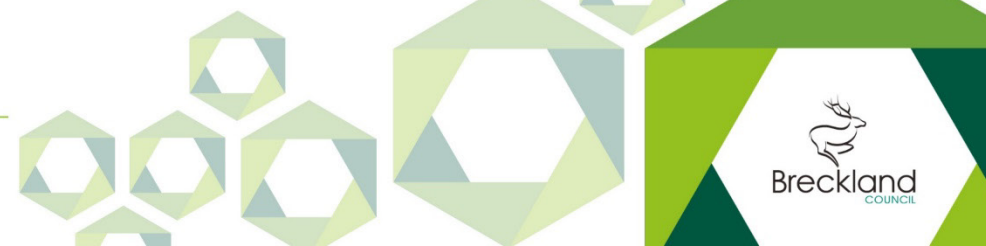
Total tonnes of CO2 emissions per annum Scope 1+2+3



22/23 Total tonnes of CO2 emissions



Total tonnes of CO2 emissions split into scope 1,2,3

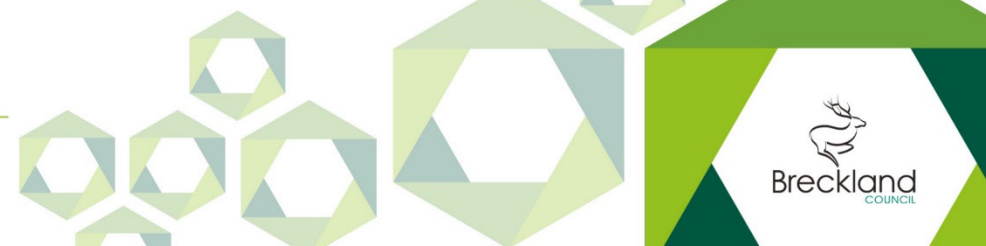
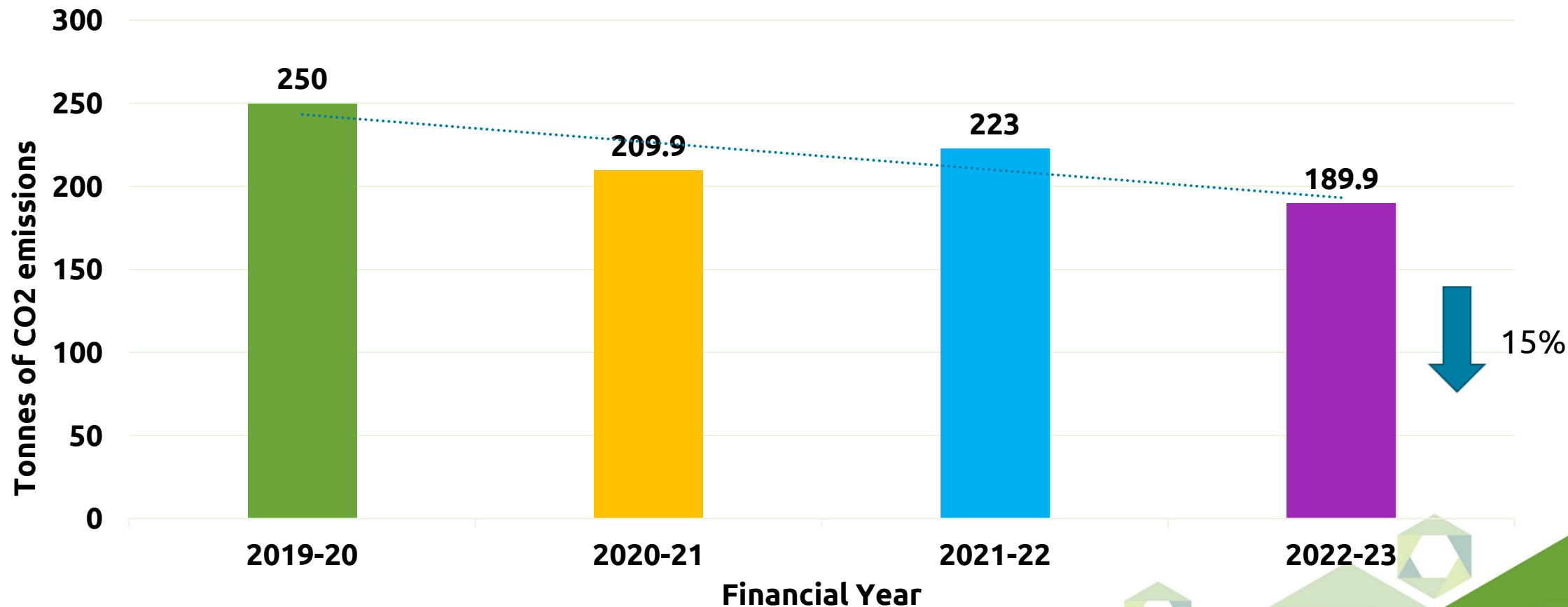


SCOPE 1: Emissions from sources we own or control directly

- Gas burned from our buildings



Buildings Billed by the Council (gas) Scope 1



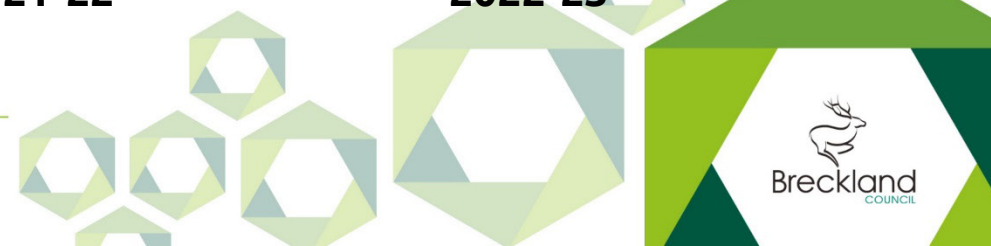
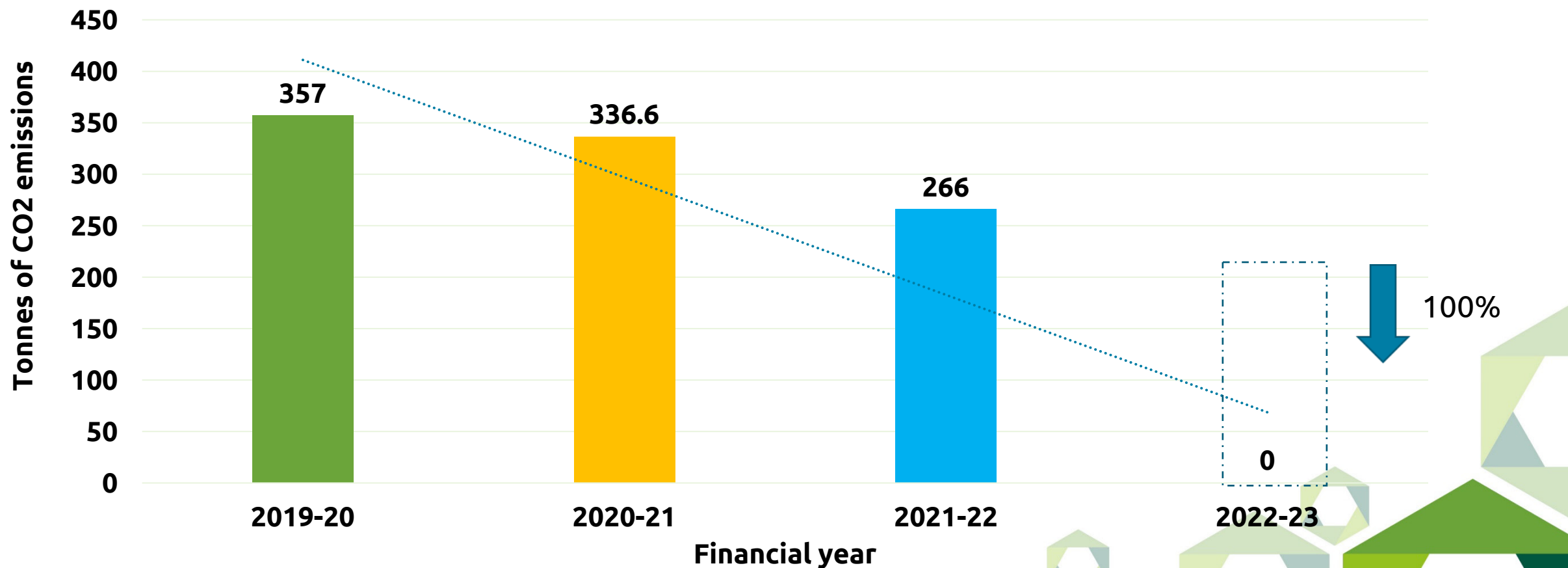
SCOPE 2: Indirect emissions – energy we buy from energy providers

Electric we have bought to power

- Our buildings
- Streetlights
- EV Charging units

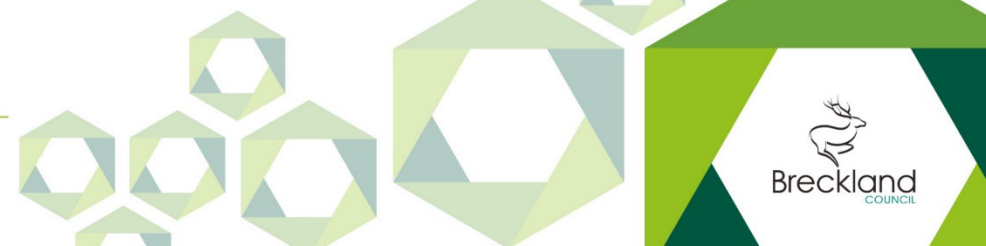
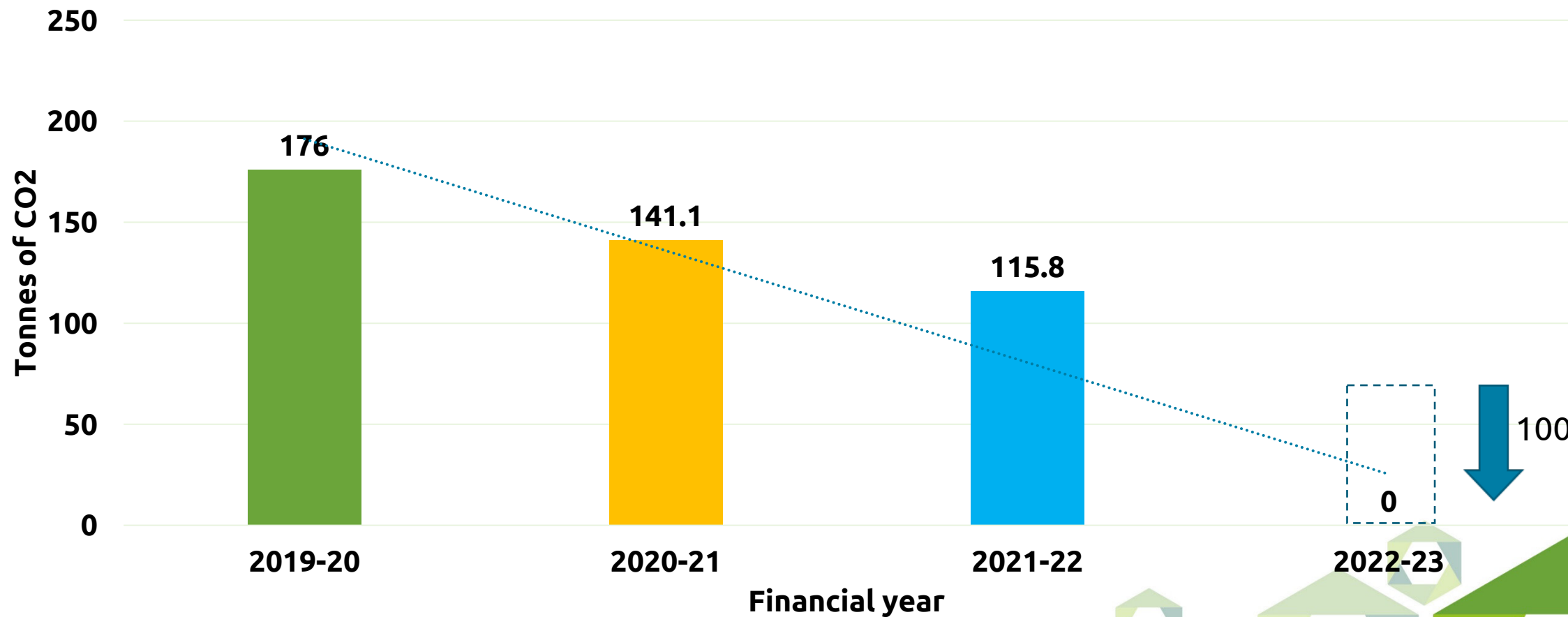


Scope 2: Council Electricity

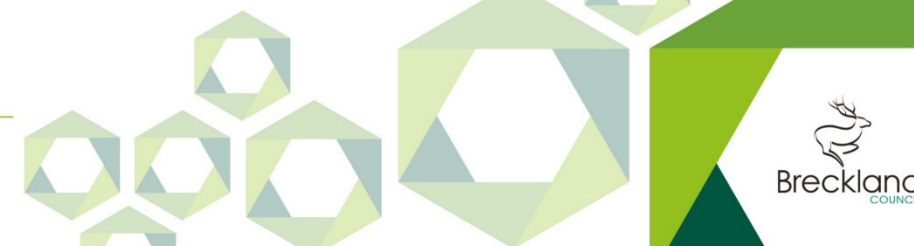
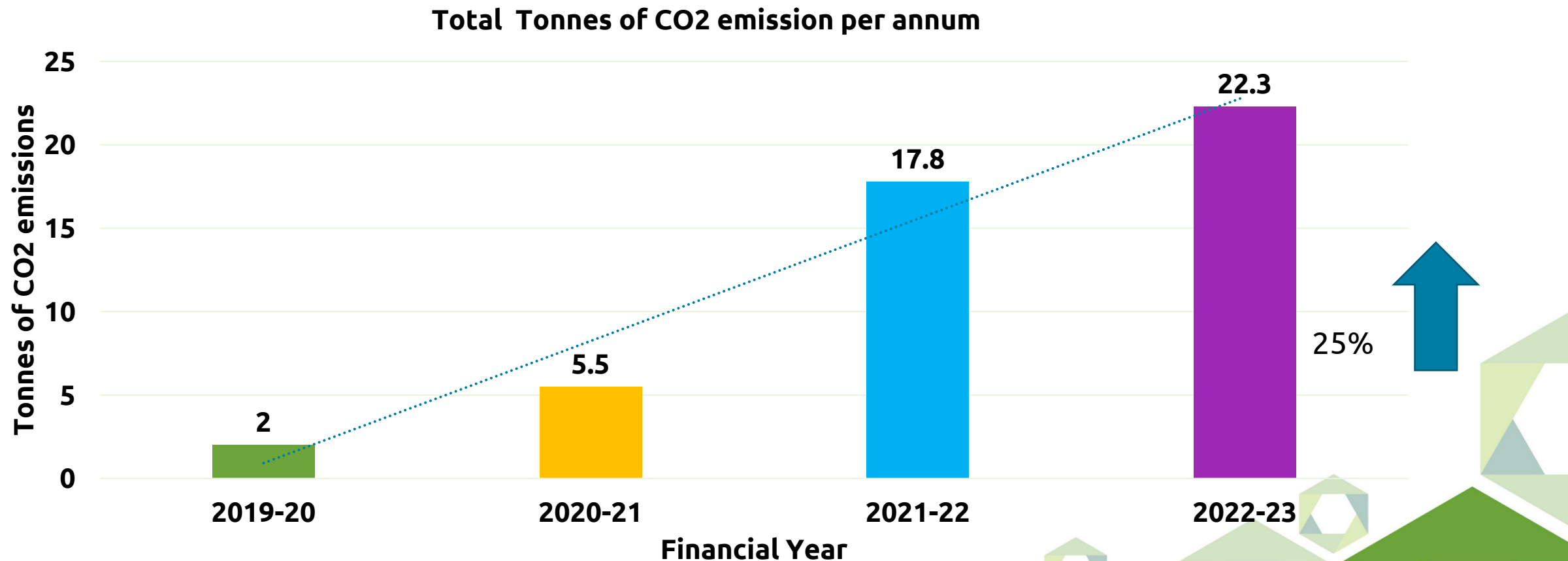


Scope 2: Street lighting

Total Tonnes of CO2 per annum



Scope 2: EV Charging points

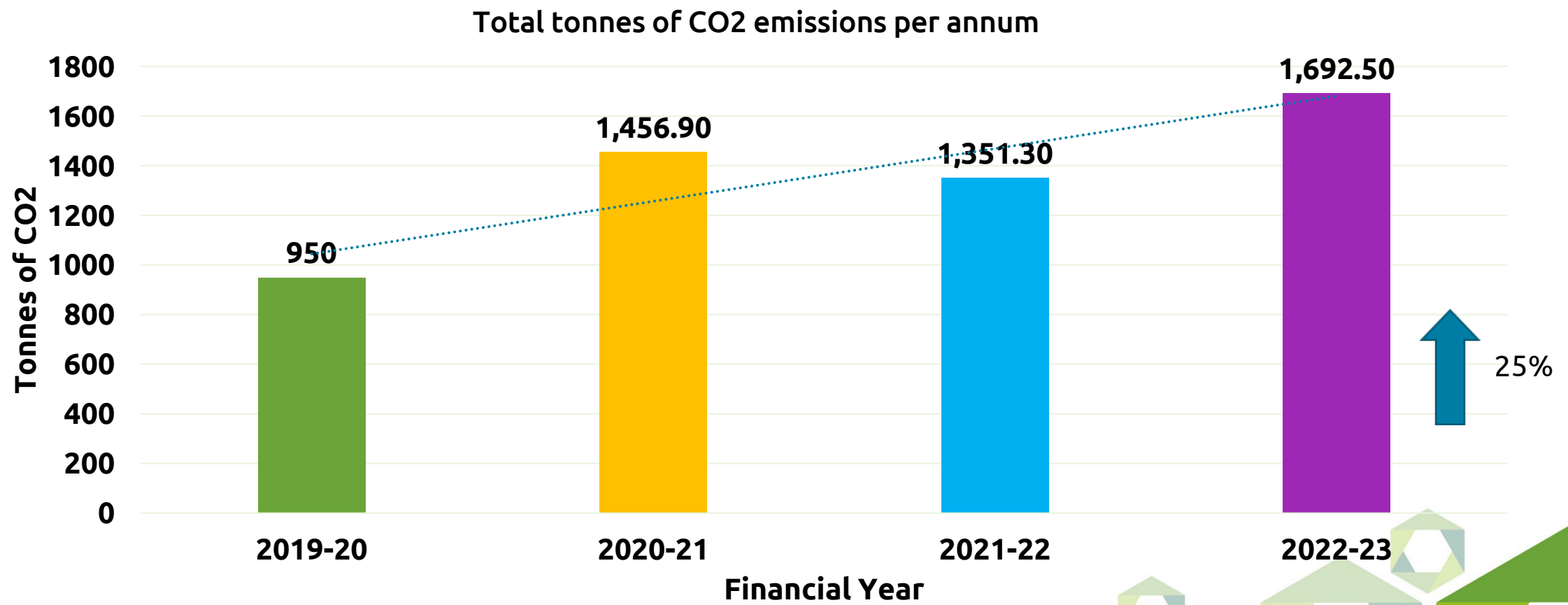


SCOPE 3: Emissions created by others in our supply chain

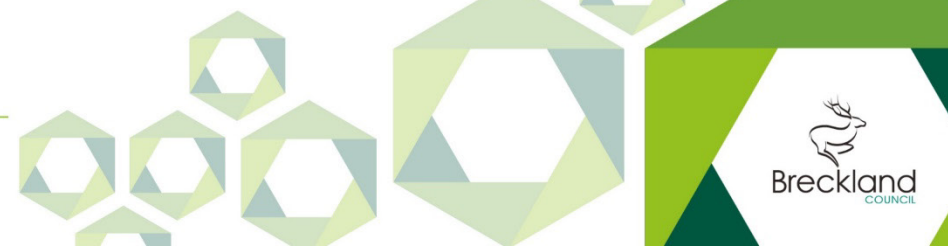
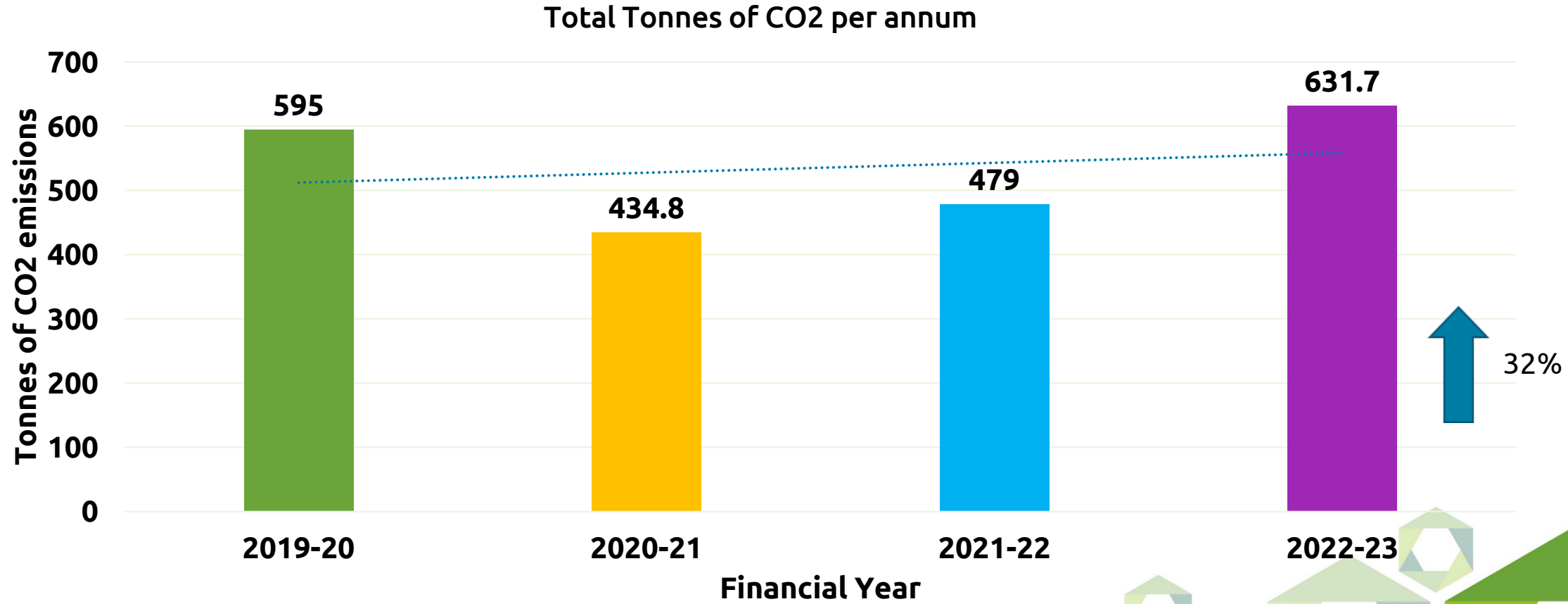
- Serco contracted vehicles
- Staff /member travel (Business miles and commuting)
- Leisure centres
- Procurement spend
- Tenanted buildings owned by the Council



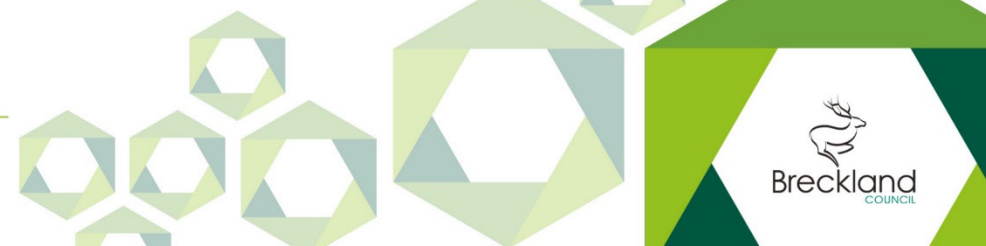
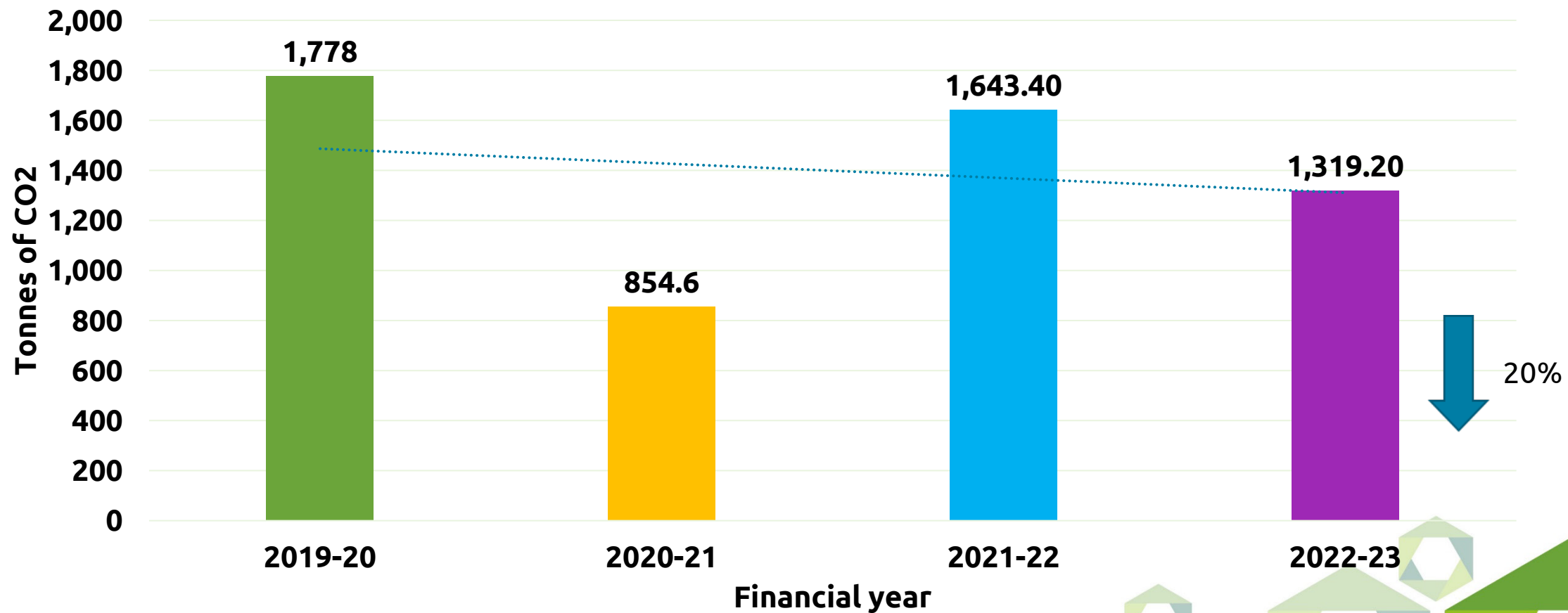
Scope 3: Contracted Fleet Vehicles (Serco)



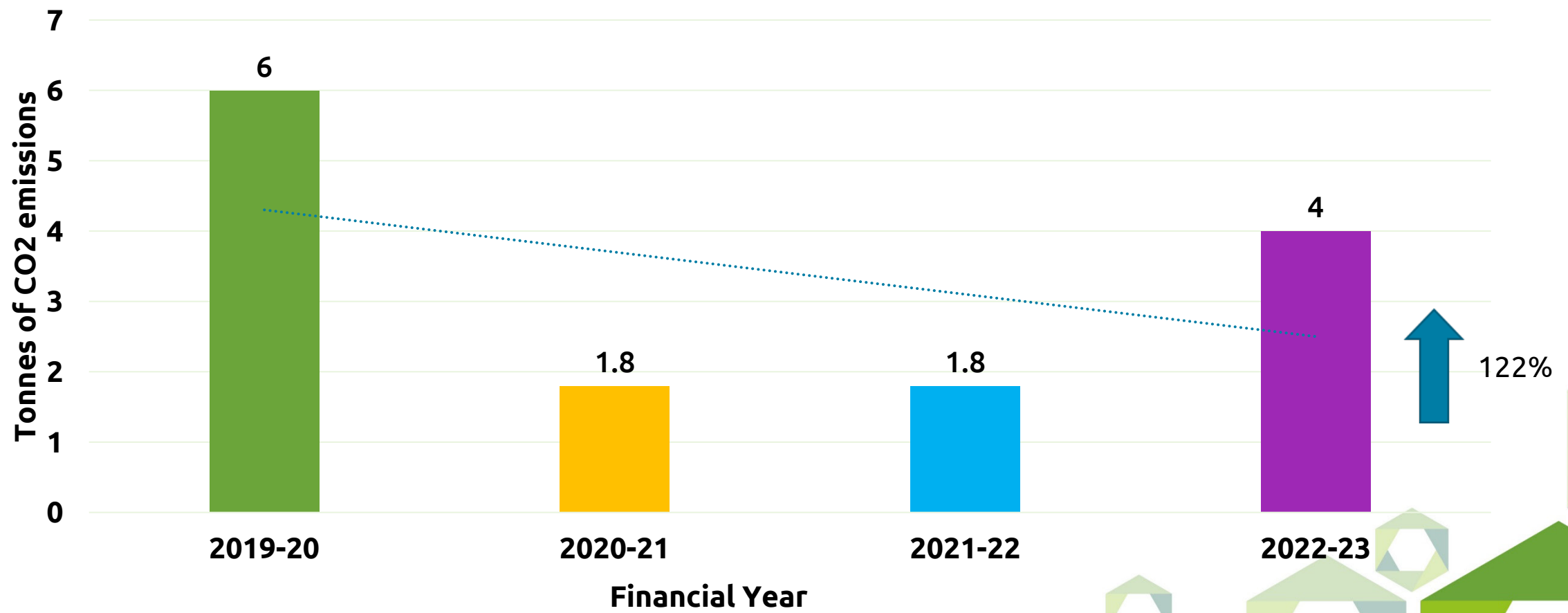
Scope 3: Tenanted buildings owned by the Council (electricity)



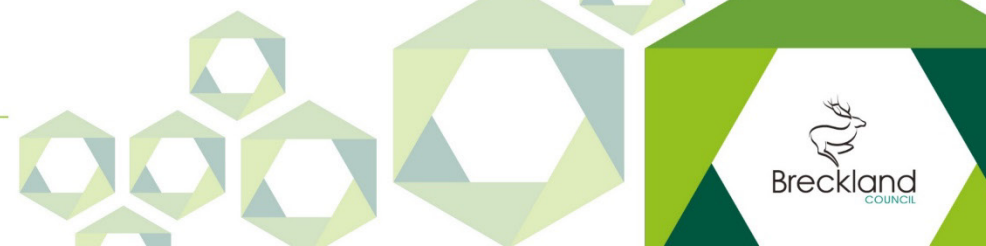
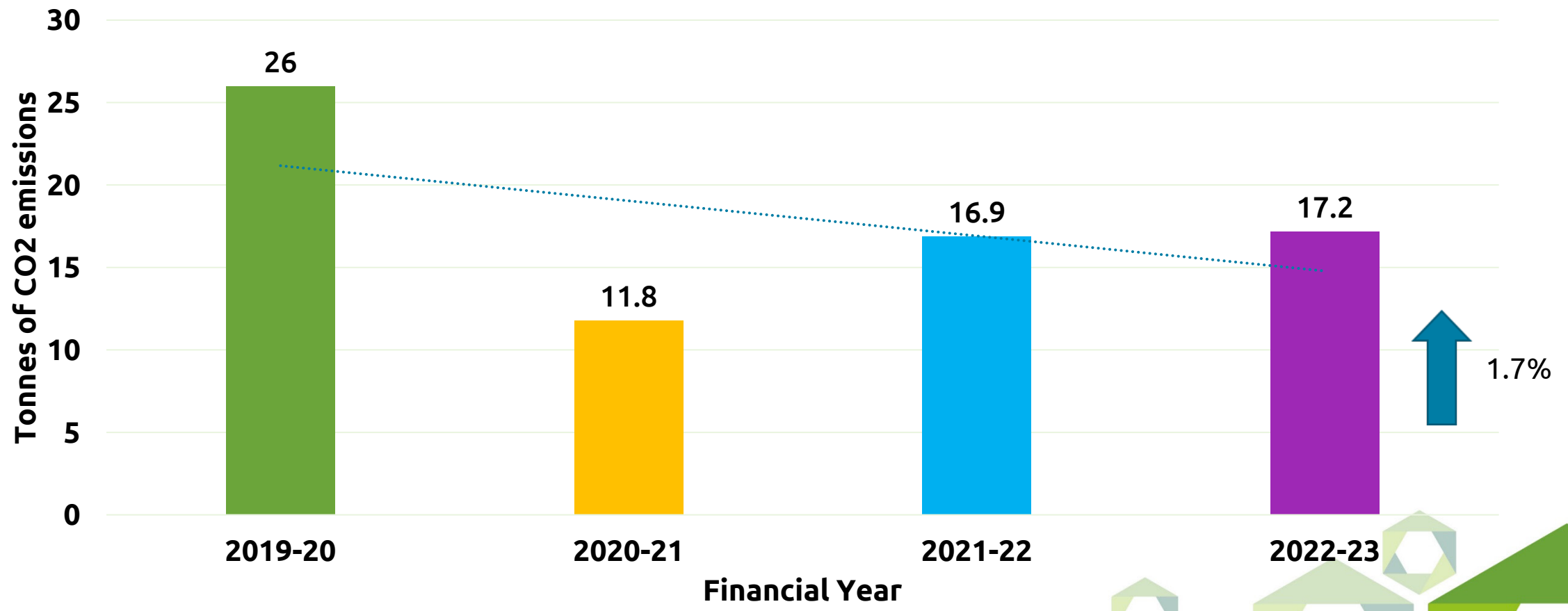
Scope 3: Tenanted buildings owned by the Council (Gas)



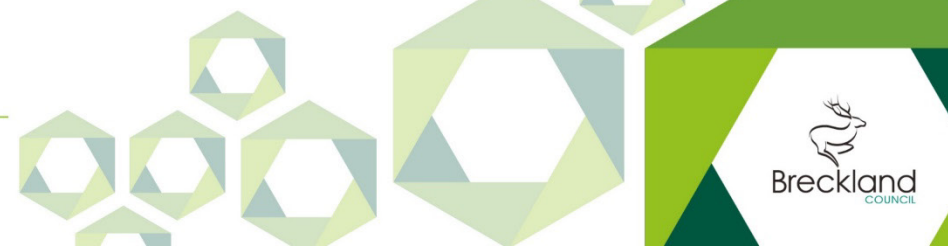
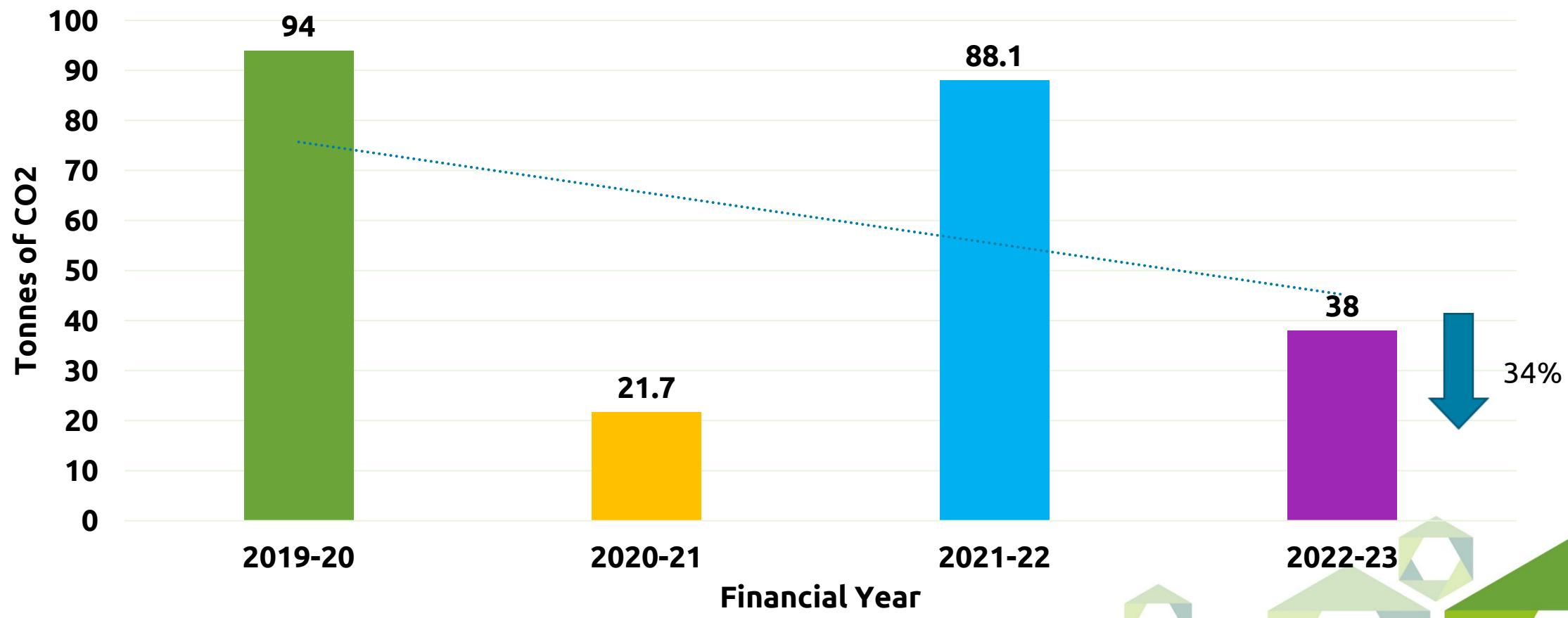
Scope 3: Buildings owned and occupied by the Council (water)



Building owned and leased (water) Scope 3



Scope 3: Staff Business Travel

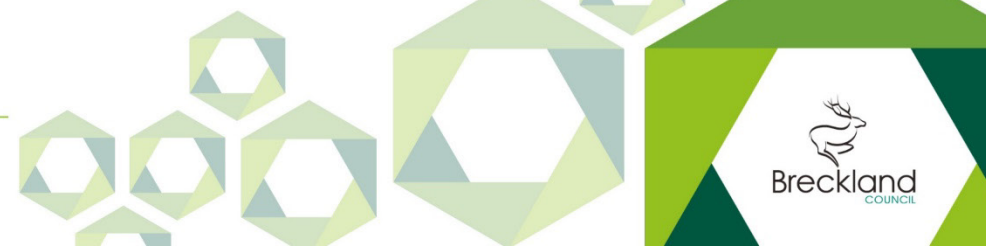
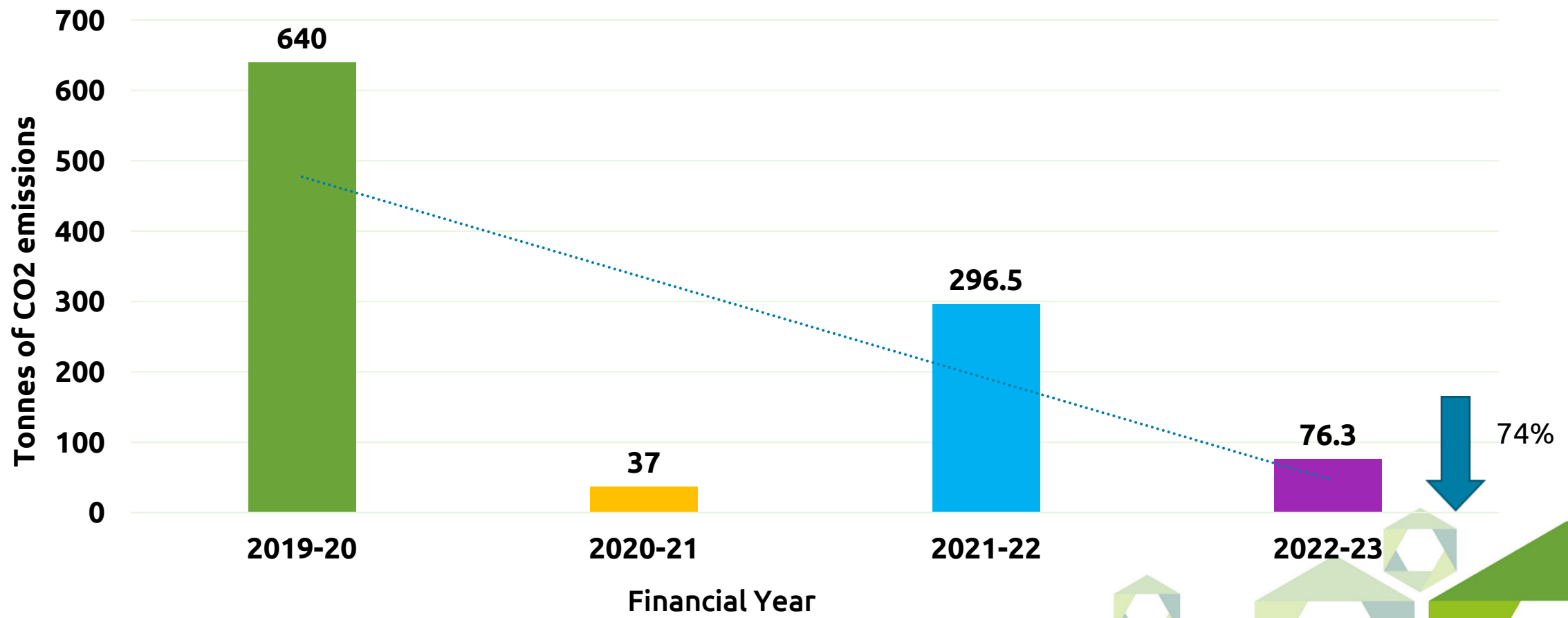


Scope 3: Staff Commuting (assumptions)

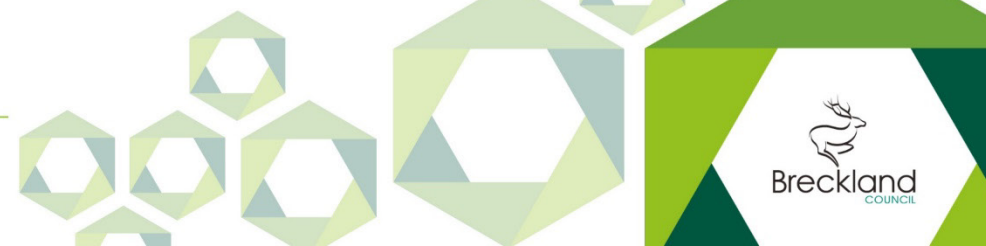
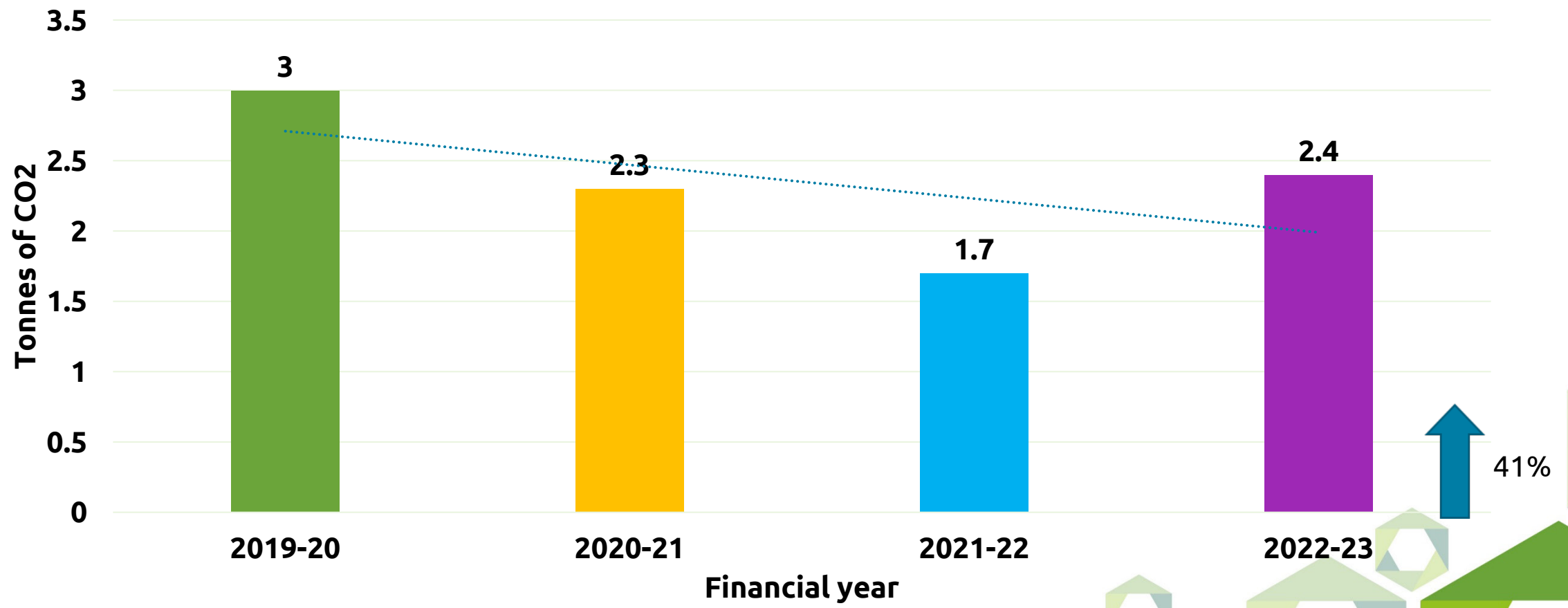
- 1 office day a week for ARP
- Twice a week for Elizabeth House visits (46 weeks)
- Actual staff postcodes



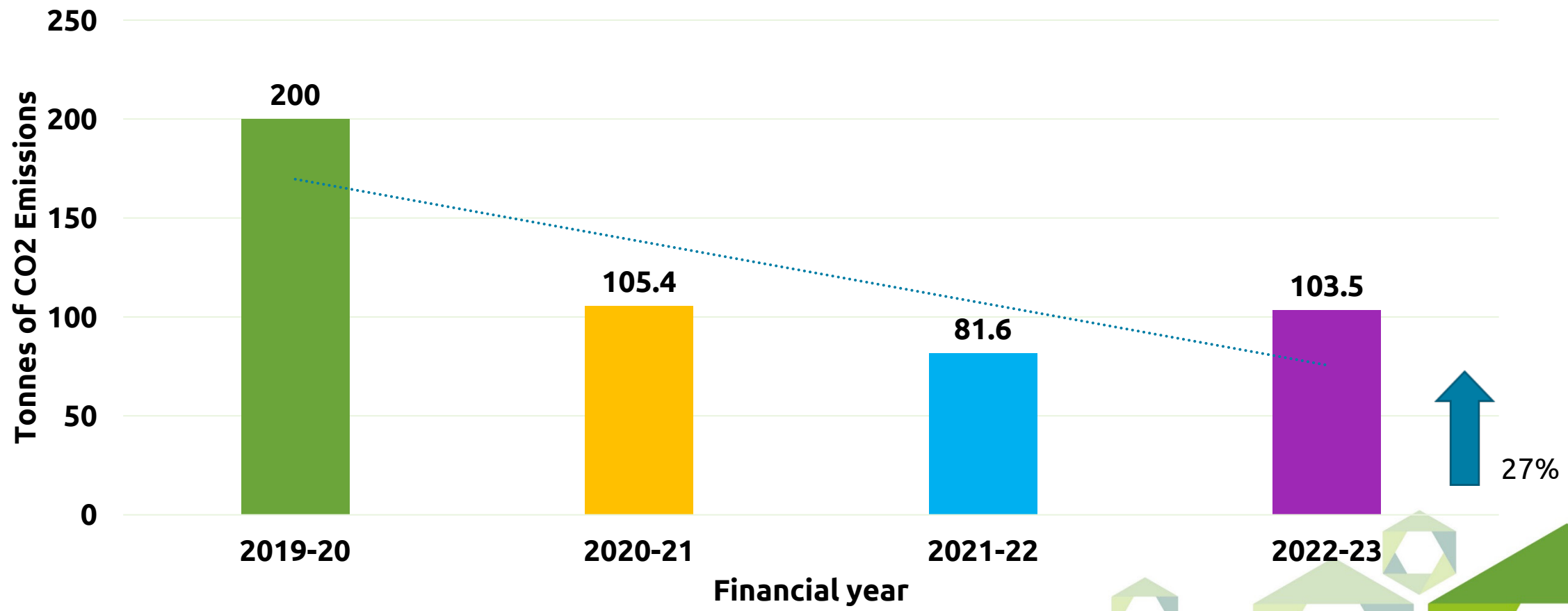
Scope 3: Staff Commuting



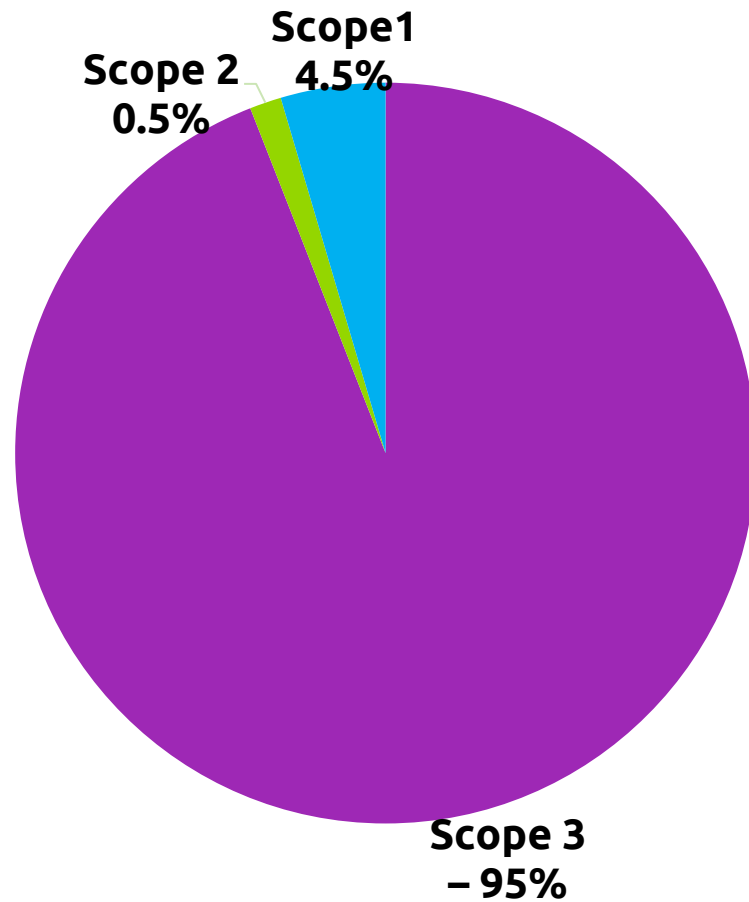
Scope 3: Expensed Taxis



Scope 3: Procurement Spend



Plugging the gap



Scope 1 & 2 = 212.10 tCo2e

Scope 1:

- Gas Boiler replacement?

Scope 2:

- EV Charging (increase)



Summary

- Reduction of 428.6 tonnes of CO2
- Reduction of CO2 are: staff commuting, buildings billed by the council (gas), council electricity (fully renewable) and street lighting, more use of EV charging points
- Increased: Serco Fleet and Electricity in buildings owned and leased
- Overall the emissions in scope 1, 2 and 3 have decreased



What's next

- Planting trees
- Feasibility studies for solar panels in car parks and the installation of new EV charging points.
- Active Travel options including Beryl Bikes.
- Norfolk Climate Change Partnership (NCCP)
- Breckland 2035 working group
- Leisure Destratification
- Procurement, Local Plan, Parish Council's, Community Schemes, UEA



Thank you

Questions and feedback welcome



Green tariff specification

How does Pure Green compare?

April 2021 to March 2022

