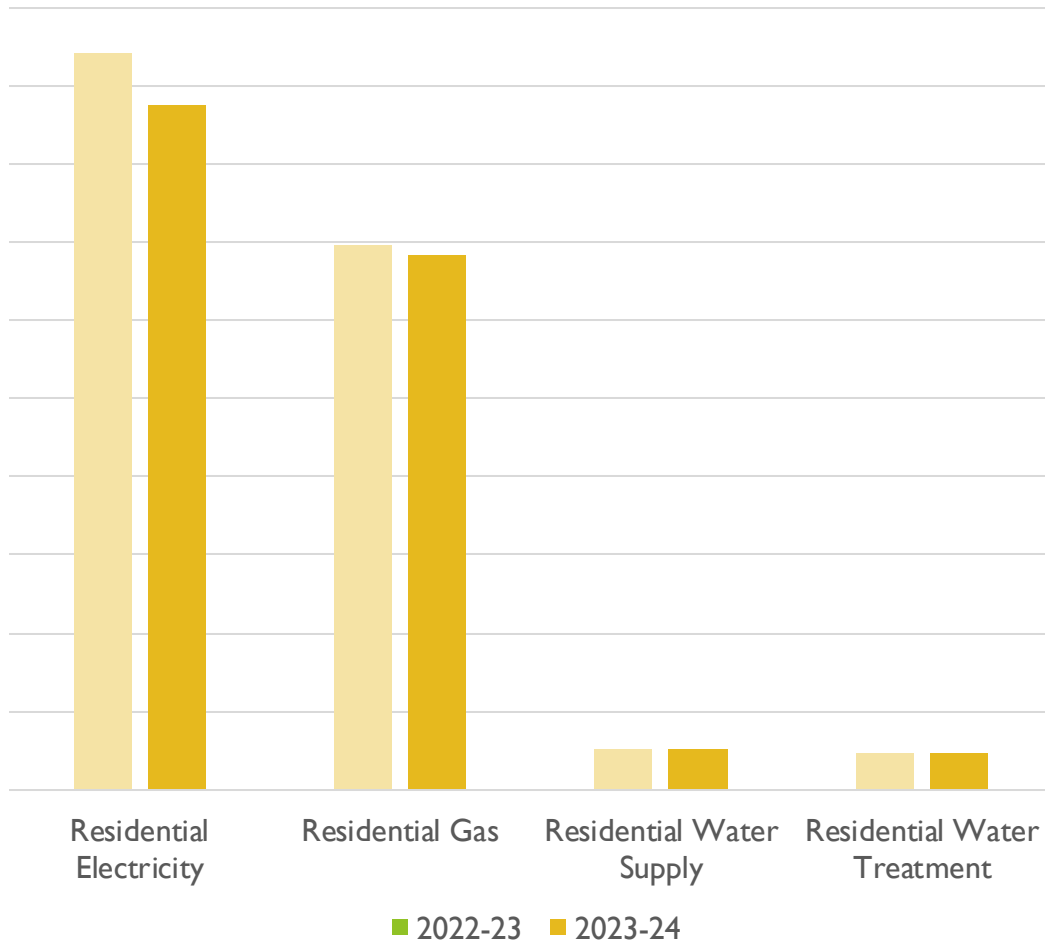


Net-Zero and PAS2035 Compliance Update

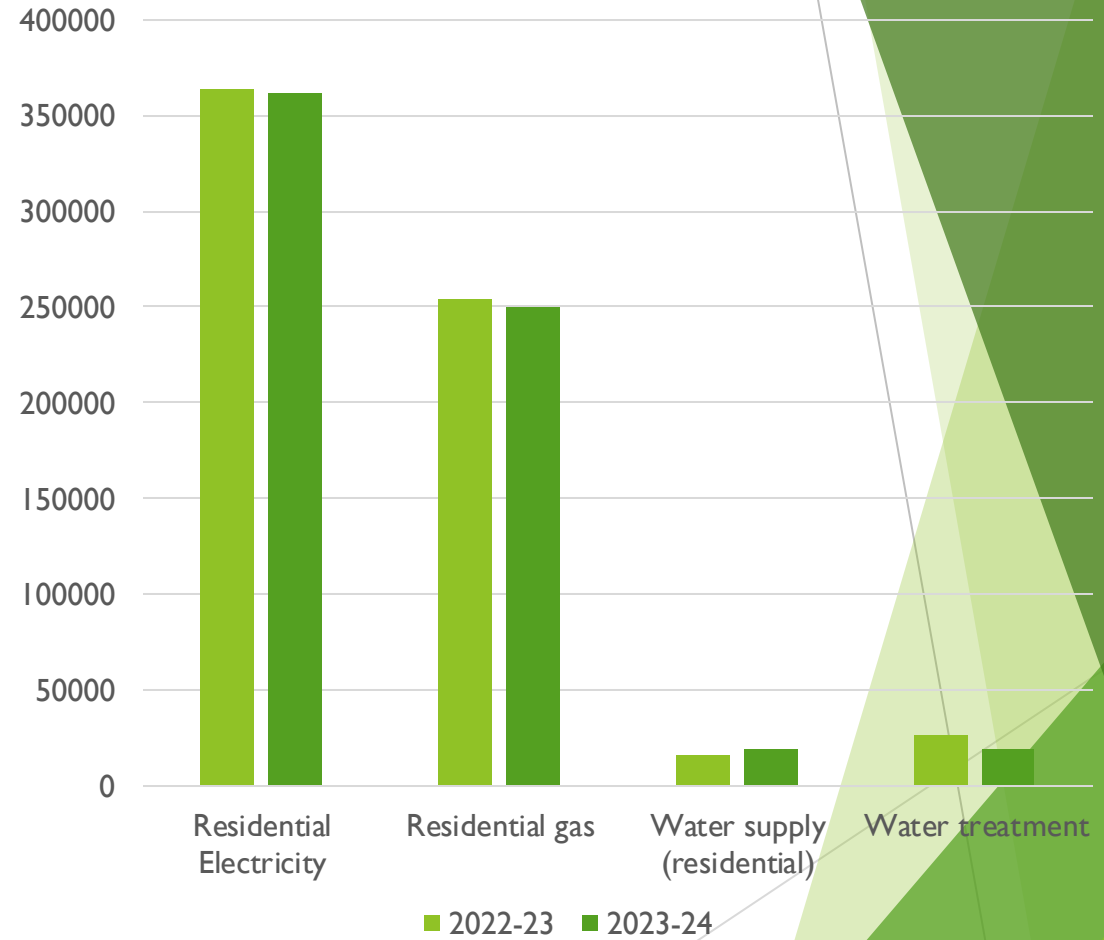
**Hannah Smith,
Sustainability Programme Manager**

Carbon emissions progress

Usage 2022-3 vs 2023-4

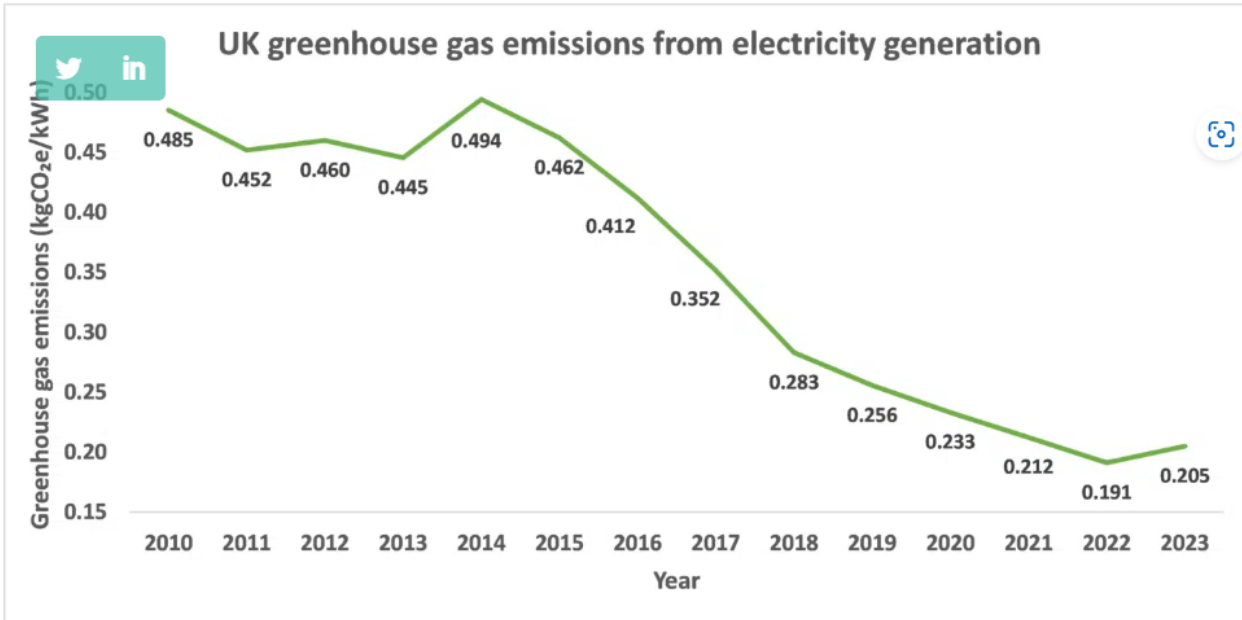


Carbon emissions 2022-3 vs 2023-4



Higher emission factors for 2023 than 2022 will impact our progress towards our 10% target reduction

Is the UK getting less green?



- Emissions are based on previous year's production
- 2022 increased reliance on gas and coal due to decline of nuclear power from France & UK reactors and milder climate meant less wind than usual

UK Electricity						
17	UK Electricity	CO ₂	kWh	7%	Caused by an increase in natural gas usage and decrease in renewables usage compared to last year	Section 3

What this means:

- Can't rely on guaranteed emission reduction from greening of the grid
- Changing emission factors may impact our year-on-year targets
- As LWE relies more on electricity, we need the emission factor for electricity to drop lower than the gas equivalent

Social Housing Decarbonisation Fund & PAS2035

£3,077,785.20 claimed last financial year

- £2,338,016.07 for Demonstrator (Walkways, Camelfords, Morland & Talbot Grove House)
- £589,769.13 for Wave 1 (Clarendon, Talbot, Verity, Camborne)
- £150,000 for Wave 2 (Clarendon, Talbot)

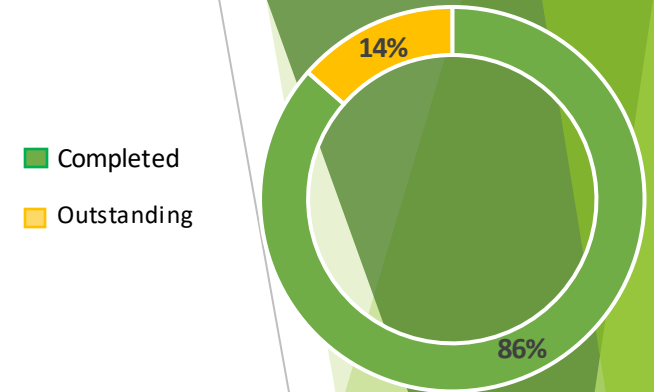
Positive reviews of PAS2035 process & documentation from Osmosis & Ken Negus

- Baily Garner now working on Retrofit Coordination of Walkways roof works
- Completing procurement for remaining Retrofit Coordinators (lot 1 & 2)
- Working through additional recommendations for process improvement from Richard Hall

86% Retrofit Assessments complete

	Complete	Outstanding	Grand Total	Change since last time	% Complete
Lot 1	321	46	367	+7	87%
Lot 2	187	20	207	+1	90%
Lot 3	63	16	79	+0	79%
Lot 5	32	4	36	+0	89%
Lot 6	41	15	56	+0	75%

Site-wide Completion



Energy advice & resident support



120+ accessed service and received one-to-one support



24 units (air quality monitors & thermal imaging cameras) loaned through GSA equipment library



220 small energy efficiency measures issued to residents (LED bulbs, draught excluders, shower bobs)
£18,476.21 yearly savings
55,187.42kg CO2 savings



Fix It Fest! 6th April

- 29 bikes fixed
- 10 bikes sold
- 6 bikes donated
- 3 items of furniture repaired
- 15 new sign ups to Green Champions
- £980 raised for Asthma + Lung UK



76 bikes fixed in total

Landscape Lots 2&3

Project Updates

- Planning application submitted; pre-commencement conditions issued 23/04/2025
- Exploring opportunities to put attenuation tanks and drainage channels in the Cenergist Contract

Design Outcomes

25.8% Biodiversity Net Gain

290% Increase in trees

I New publically accessible green space

10% Reduction in surface water depth at the property façade for a I in 30-year event



Green space w/ detention basin & conveyance swale
ED sourcing strategy in progress, funding deadlines, estimated completion March 2025

Attenuation tank & drainage channels
Governance in progress, coordination with Cenergist

Green roof bike & bin shelters w/ rain garden
Coordination with RLB, quotes received

New open space w/ detention basin
Exploring potential funding options- ~75k from TW

Terraced Rain Garden
Complete! March 2024

Landscape Sitewide

Project Updates

- Turkington Martin appointed and in contract. Stage 0 complete
- Working on a robust social value and engagement strategy

High budget- £2,500,000

LB Barking & Dagenham Full Park Redevelopment
~£2,500,000



Medium budget- £1,250,000

LB Lambeth Medium/High Rise Runoff Rain Gardens
~£1,000,000



BUILDER London 1 550 7847 1475
DATE 2023/03/23
DESIGNED BY CDR/ARCH/06/2023/03/23
CONTRACT NO. 2023/03/23/001
DRWG. NO. 9133_30002

Legend

- Establish a new north-south meandering route through the landscape, separated from the residential blocks and opening up the space for general use of all ages and abilities.
- Provide attention to prevent flooding by using permeable paving, water at source with natural environmental-friendly systems.
- Encourage and showcase biodiversity.
- Integrate for a planted air pollution capture to offer to protect the space from the Black Wall traffic.
- Integrate tree species through the site and use the biodiversity and through the new residential parking.

ST MATTHEW'S ESTATE
Illustration view of SUDS interventions looking south

Low budget- £500,000

Peabody Rain Gardens & Play Space Creation
~£350,000



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