

CP  
MG®



**NET ZERO & CARBON FOOTPRINT 2024-25**

Let's create something **remarkable.**





# Crafting Iconic spaces.

With over 30 years of experience, we've learned how to strike the perfect balance between big ideas and the more technical intricacies.



Let's create something together.



**We work all over  
the country**

and in...

China, India, Slovakia,  
Georgia and Abu Dhabi

**ABOUT US**



Nottingham HQ

London & Birmingham Studios

UK and International client base

ISO 9001, ISO 14001, and ISO  
19650 accreditation

c.60 staff

Architecture & Interior Design



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## Building for a Better Tomorrow

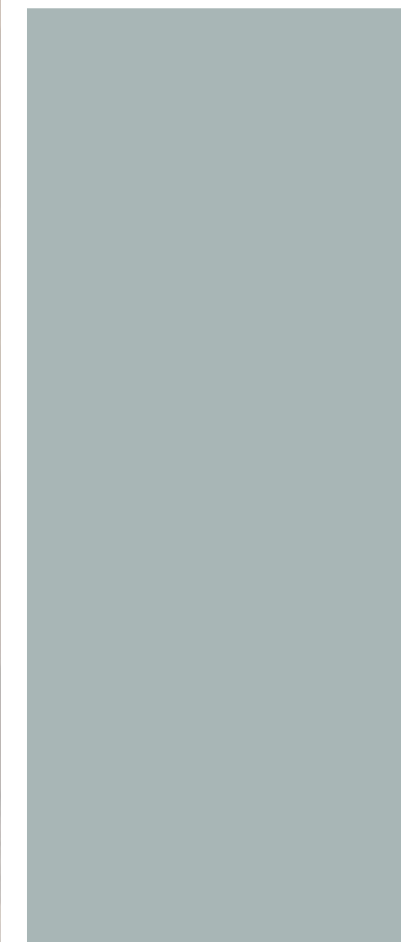
Sustainability is at the heart of everything we do. We are committed to building a better tomorrow through sustainable design and construction.

Our designs prioritise eco-friendly practices, energy efficiency, and reduced environmental footprints. We embrace innovative technologies and materials which promote long-term sustainability – which means your projects benefit today, and future generations inherit a responsible legacy.

SUSTAINABLE DESIGN







SUSTAINABLE DESIGN: LIFETIME ZERO CARBON





CPMG Architects  
St Peter's Gate Studios, Nottingham



# SUSTAINABLE DESIGN: CREATIVE RE-USE



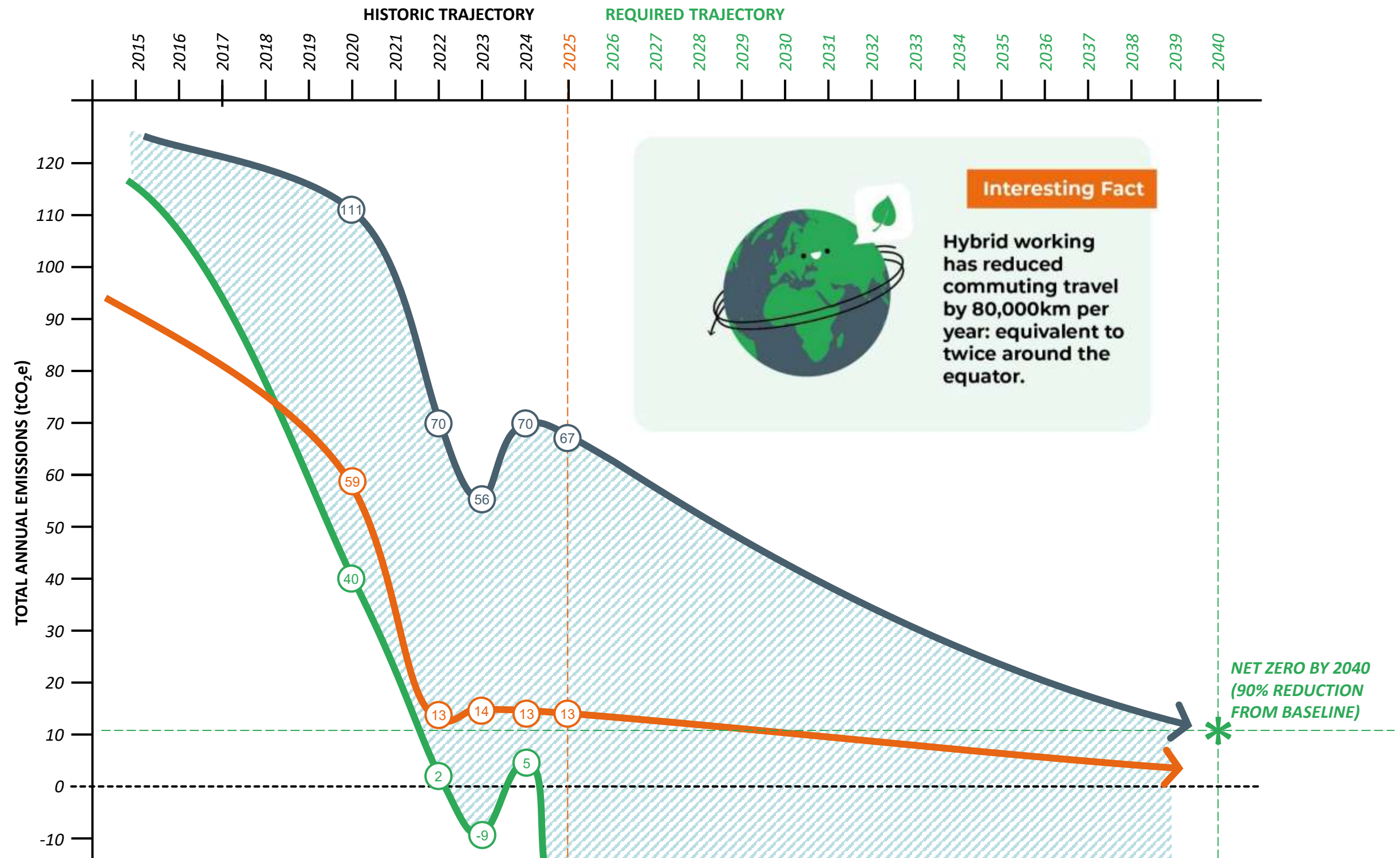


## Our Carbon Reduction

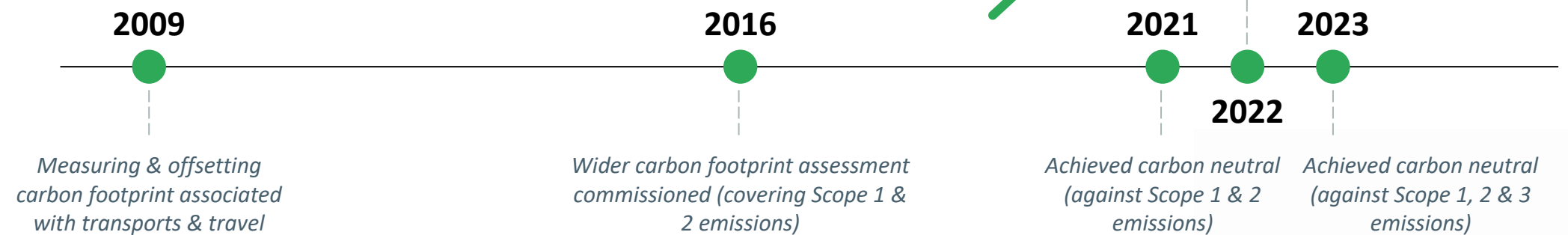
- TOTAL GROSS EMISSIONS (SCOPE 1, 2 & 3)
- GROSS EMISSIONS (SCOPE 1 & 2)
- NET EMISSIONS AFTER OFFSETTING (AGAINST SCOPE 1, 2 & 3)
- OFFSETTING VIA CARBON FOOTPRINT, FOREST CARBON, CLIMACARE, TRUNDL, AND REGO-CERTIFIED ELECTRICITY

## Future Reductions

- Net zero carbon target by 2040
- EVs for business travel by car
- EVs for commuting by car
- Increased travel by train
- Investment in renewables



## CPMG Carbon Reduction Journey



# CARBON EMISSIONS: PROGRESS TO DATE



#### Scope 1:

- Gas Consumption (Nottingham)
- Gas Consumption (London)
- Gas Consumption (Birmingham)
- Air-con Coolant Replenishment (Nottingham)
- Business Travel - Company vehicles (All Studios)

#### Scope 2:

- Electricity Consumption (Nottingham)
- Electricity Consumption (London)
- Electricity Consumption (Birmingham)

#### Scope 3:

- Distribution Losses - Gas (WTT) (Nottingham)
- Distribution Losses - Gas (WTT) (London)
- Distribution Losses - Gas (WTT) (Birmingham)
- Distribution Losses - Electricity (Gen/T&D) (Nottingham)
- Distribution Losses - Electricity (Gen/T&D) (London)
- Distribution Losses - Electricity (Gen/T&D) (Birmingham)
- Water Supply & Treatment (Nottingham)
- Water Supply & Treatment (London)
- Water Supply & Treatment (Birmingham)
- Business Travel - Private Car (All Studios)
- Business Travel - Air (All Studios)
- Business Travel - Taxi (All Studios)
- Business Travel - Rail (All Studios)
- Business Travel - Bus (All Studios)
- Hotel Stays (All Studios)
- Waste - General (Nottingham)
- Waste - Recyclable (Nottingham)
- Waste - WEEE Electronic Recyclable Waste (All Studios)
- Waste - Compostable (London)
- Material Use - Paper Purchase (All Studios)
- Material Use - ICT Electronics Purchase (All Studios)
- Material Use - Toner/Cartridge Purchase (Nottingham)
- Working from Home (All Studios)
- Staff Commuting (All Studios)
- Off-site Data Storage & Servers (All Studios)

#### Key:

- Measured since 2015-16
- Measured since 2019-20 with support from NTU Sustainability Team to set Baseline Year
- Measured since 2022-23
- Measured since 2024-25



# CARBON EMISSIONS: SCOPE OF ASSESSMENT

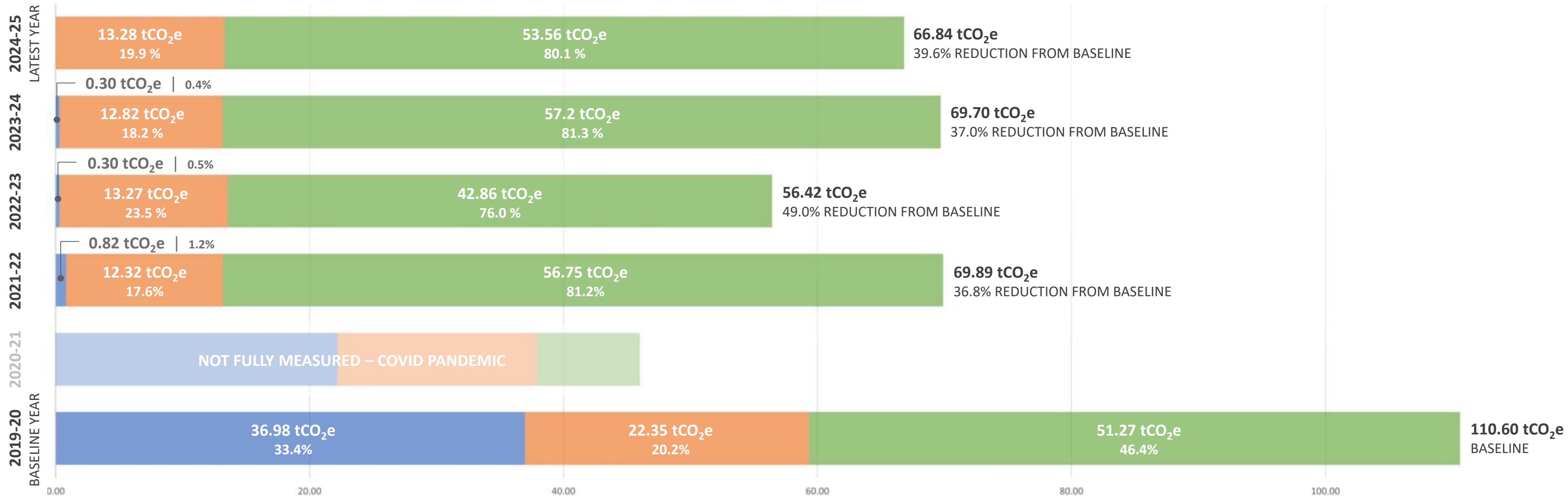


Let's create something together.





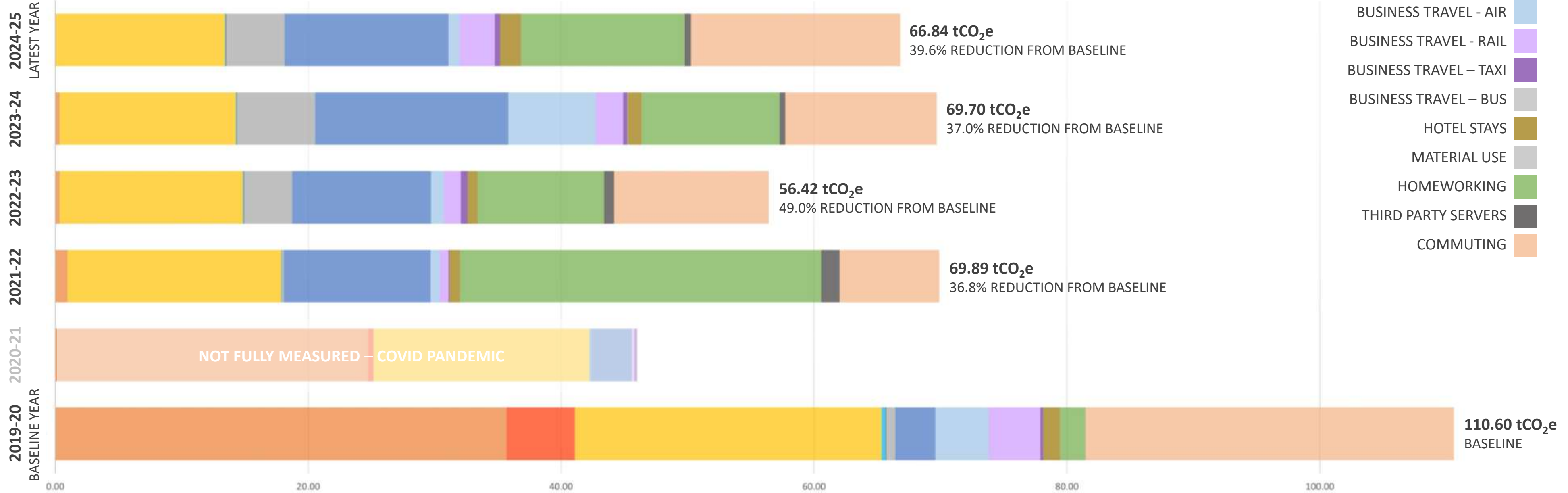
- SCOPE 1 EMISSIONS - DIRECT
- SCOPE 2 EMISSIONS - INDIRECT
- SCOPE 3 EMISSIONS – SUPPLY CHAIN



# OVERVIEW: BY SCOPE



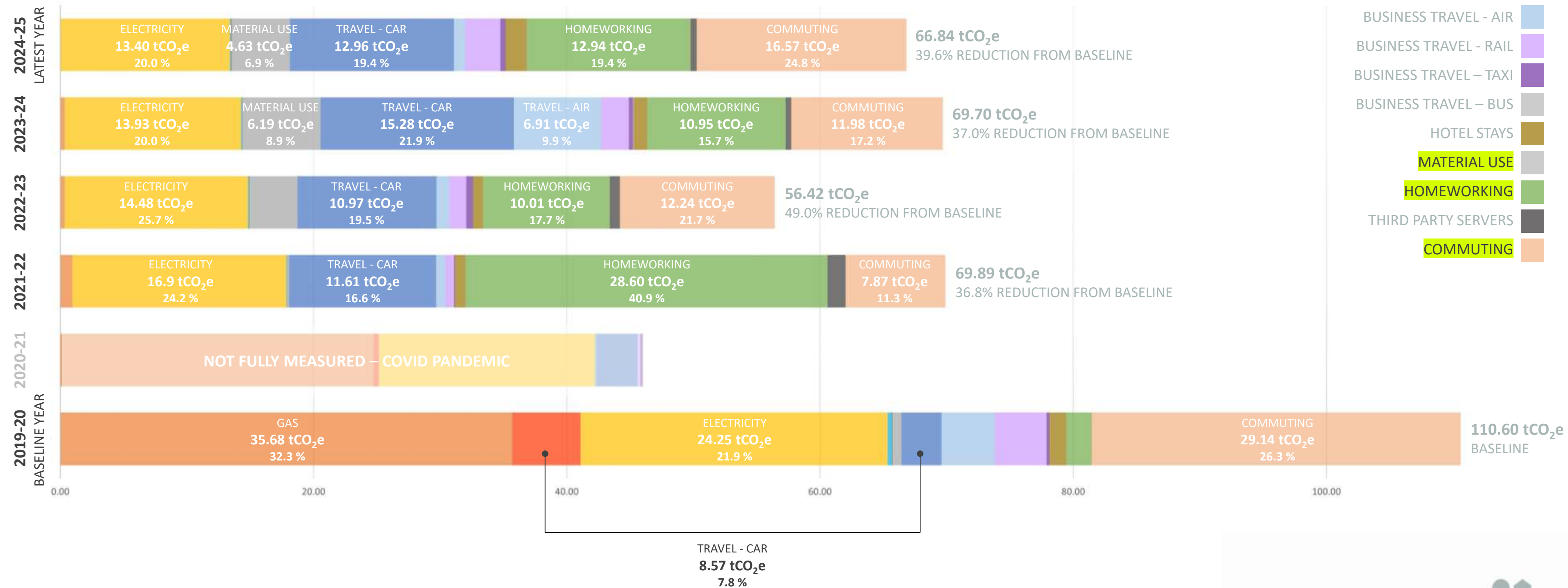




# OVERVIEW: DETAIL

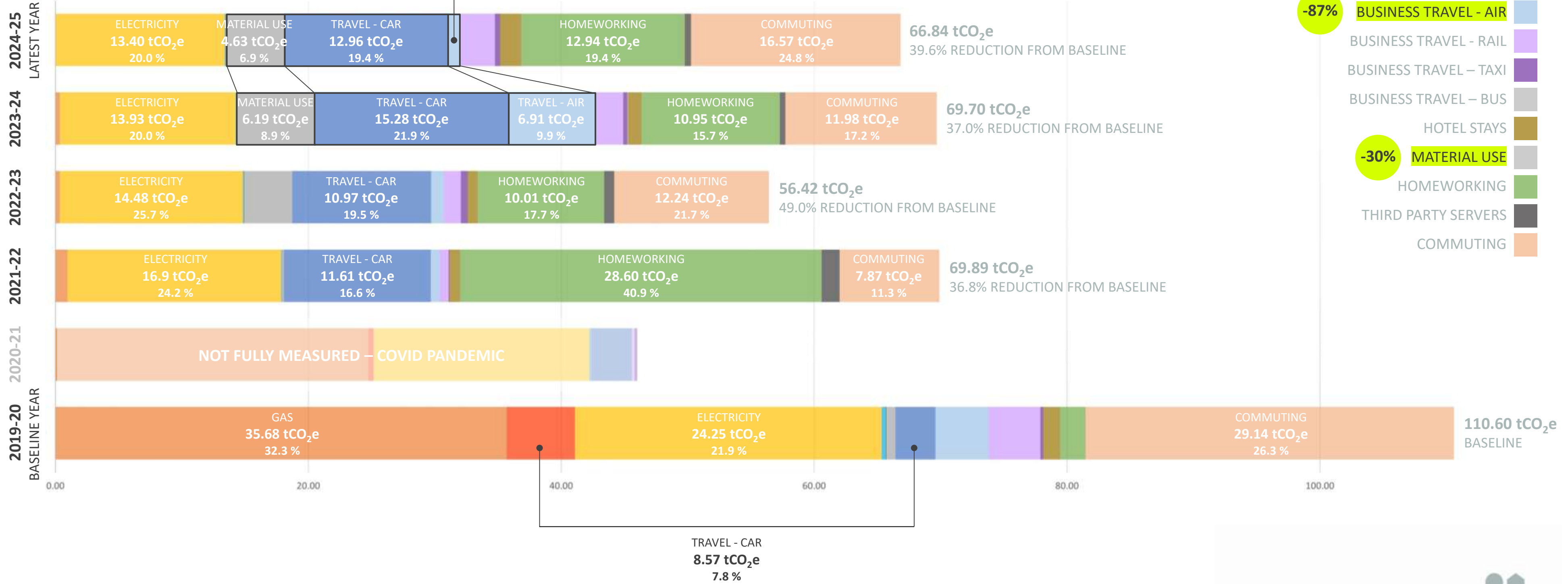


## FIVE PRINCIPAL CONTRIBUTORS:



## OVERVIEW: DETAIL





# OVERVIEW: DETAIL





REDUCED ICT PURCHASE

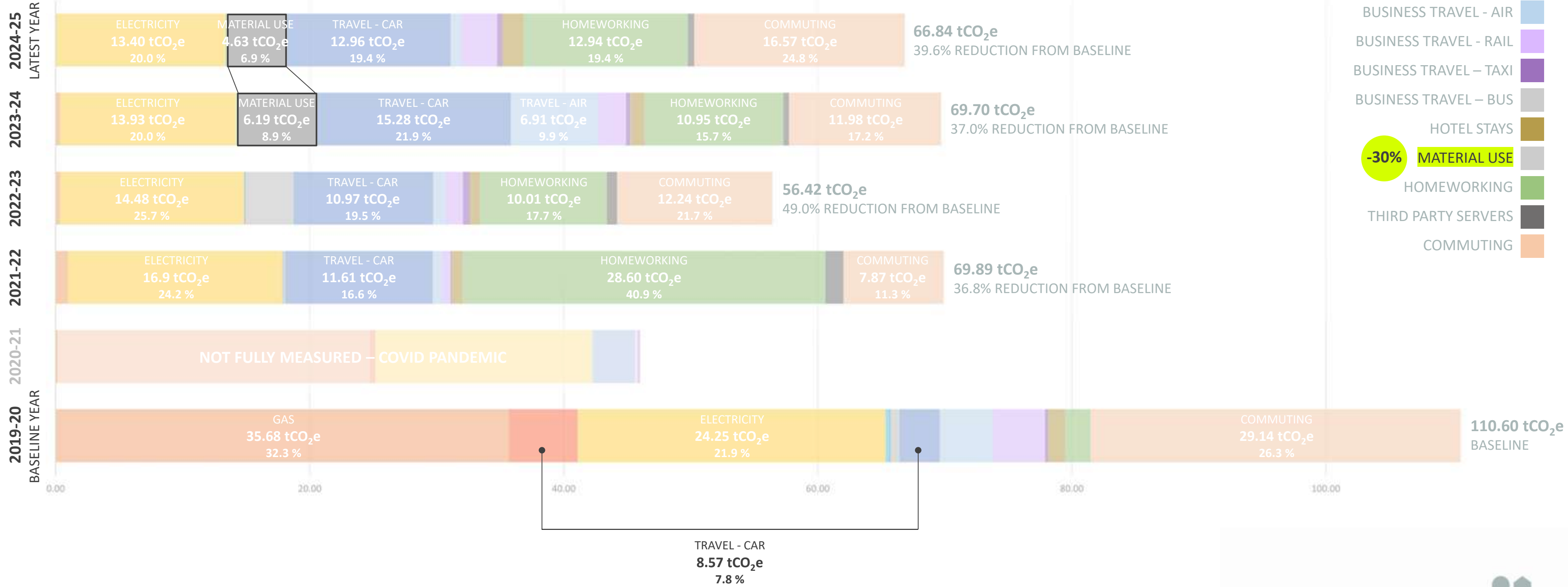
- 1.6 tCO<sub>2</sub>e

MAIN REDUCTIONS

FROM 2023-24

- GAS CONSUMPTION + WTT
- COMPANY VEHICLES
- ELECTRICITY + T&D
- WATER SUPPLY & TREATMENT
- WASTE & RECYCLING
- BUSINESS TRAVEL - CAR
- BUSINESS TRAVEL - AIR
- BUSINESS TRAVEL - RAIL
- BUSINESS TRAVEL – TAXI
- BUSINESS TRAVEL – BUS
- HOTEL STAYS
- 30%

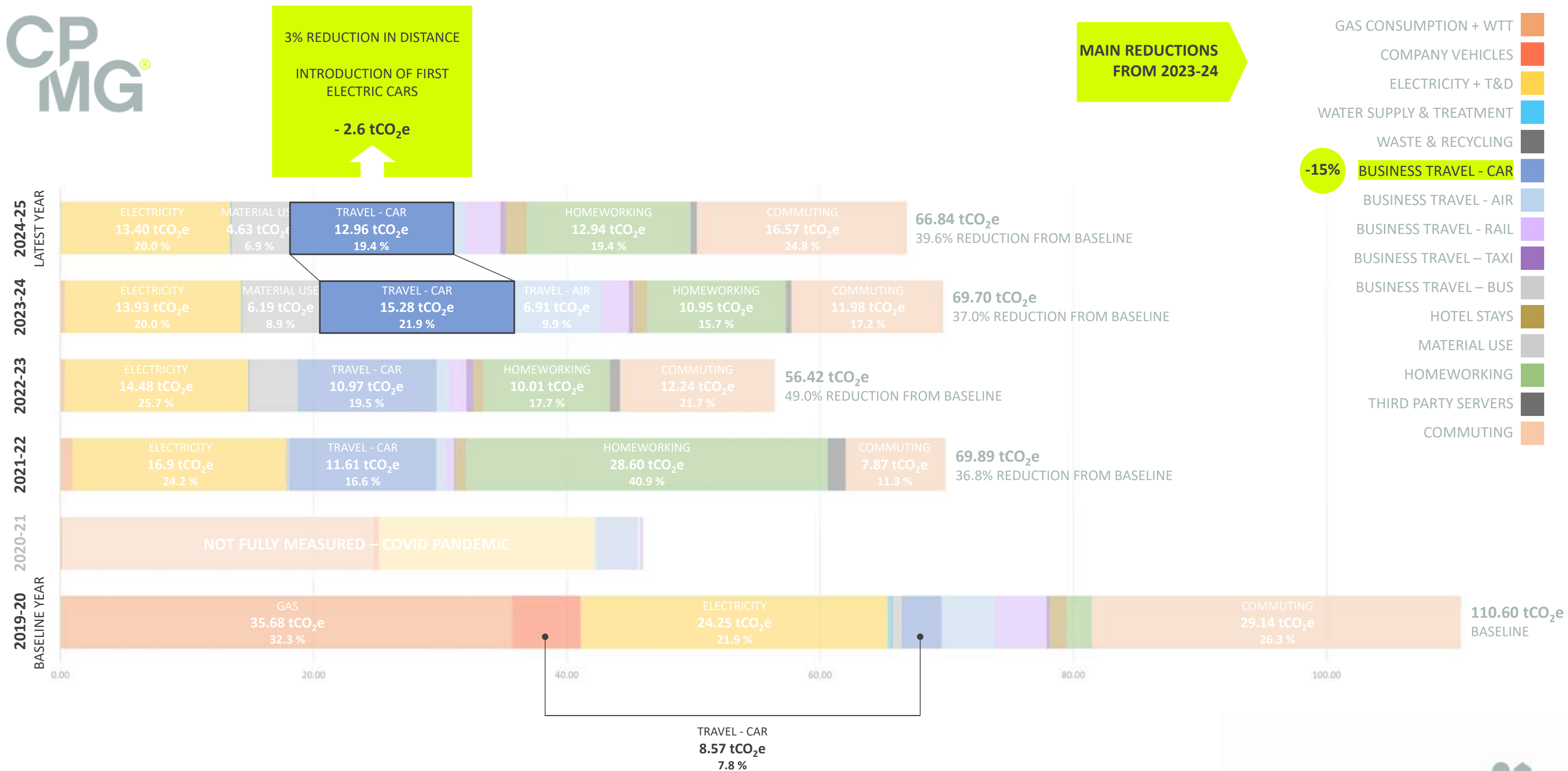
MATERIAL USE
- HOMEWORKING
- THIRD PARTY SERVERS
- COMMUTING



OVERVIEW: DETAIL

Let's create something together.





## OVERVIEW: DETAIL



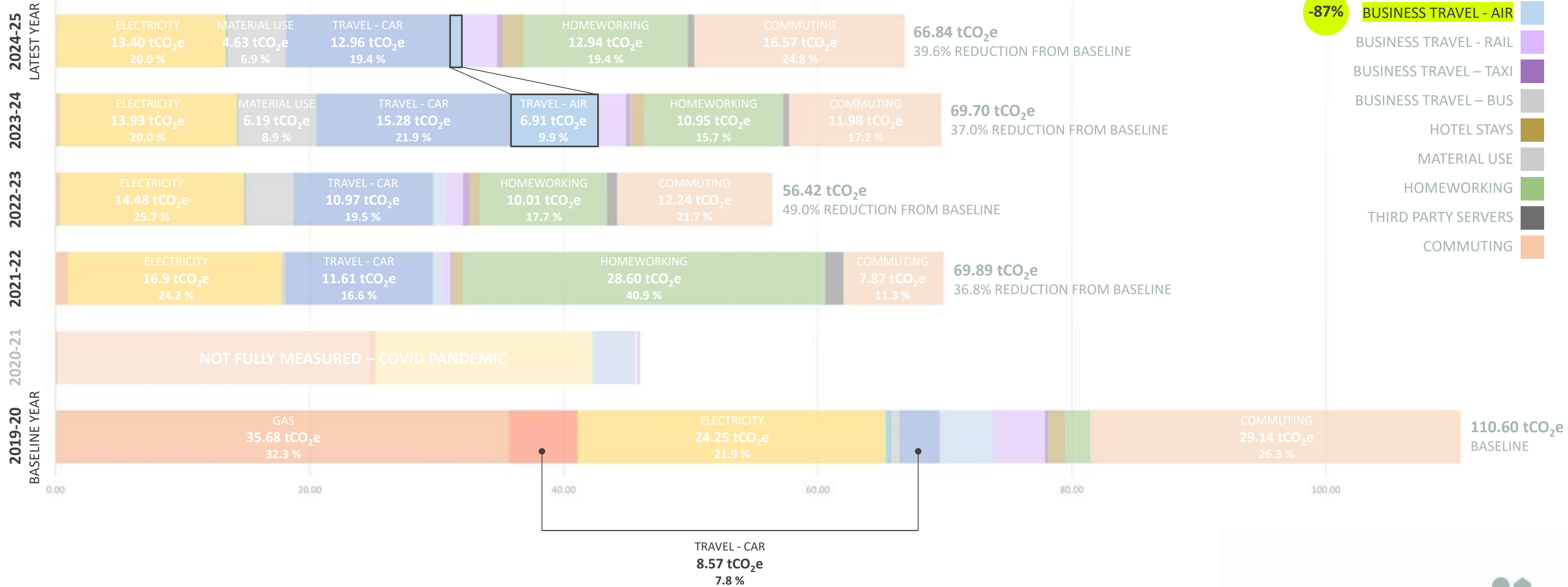
Let's create something together.





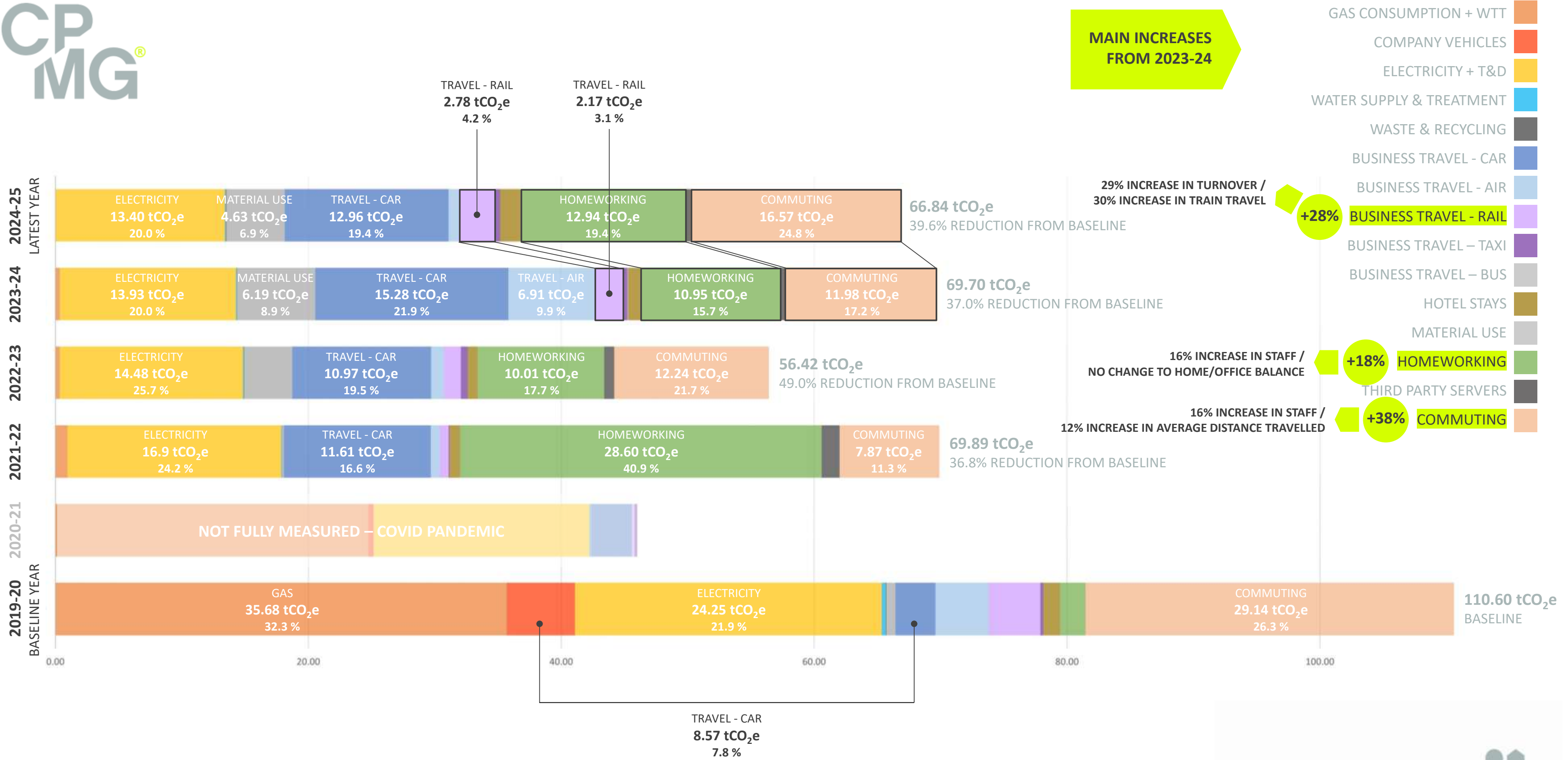
NO LONG-HAUL FLIGHTS  
MINIMAL SHORT-HAUL FLIGHTS  
- 5.9 tCO<sub>2</sub>e

MAIN REDUCTIONS  
FROM 2023-24



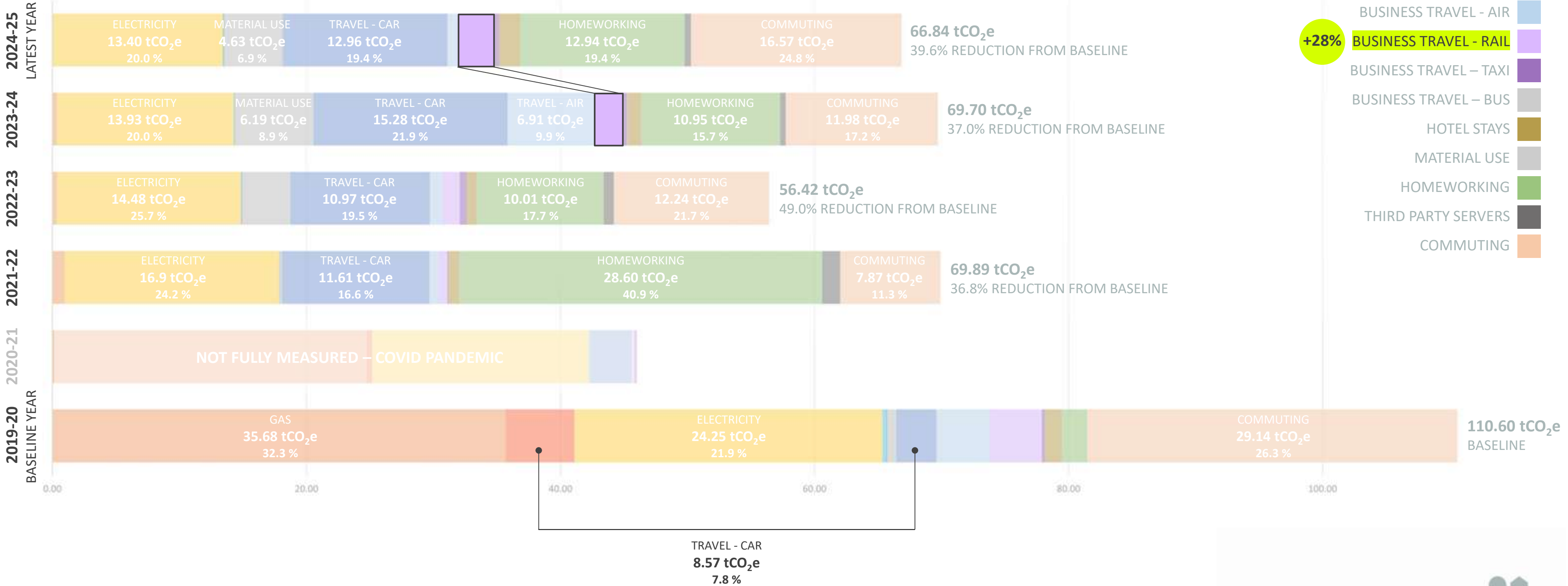
# OVERVIEW: DETAIL



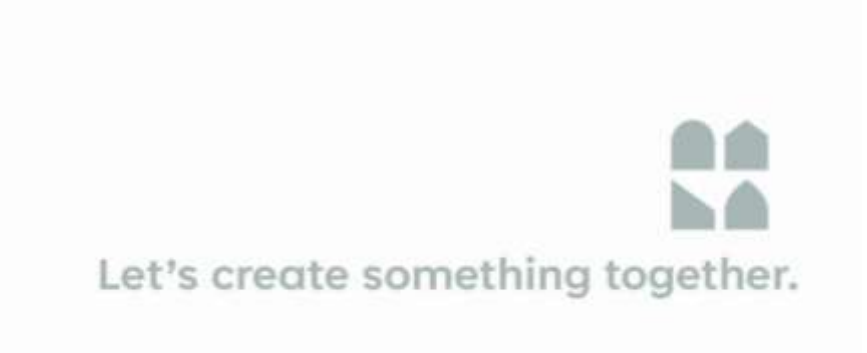


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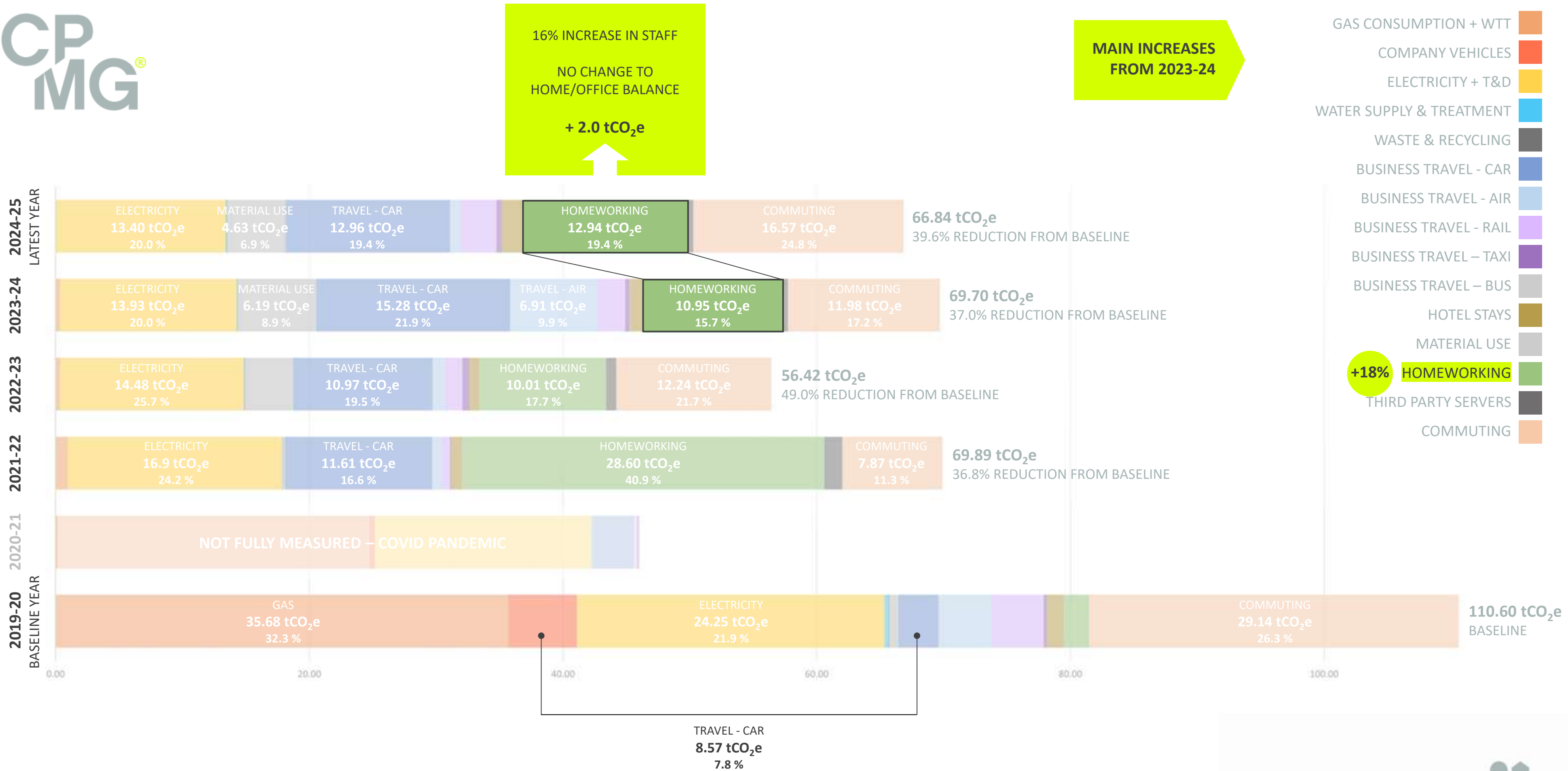




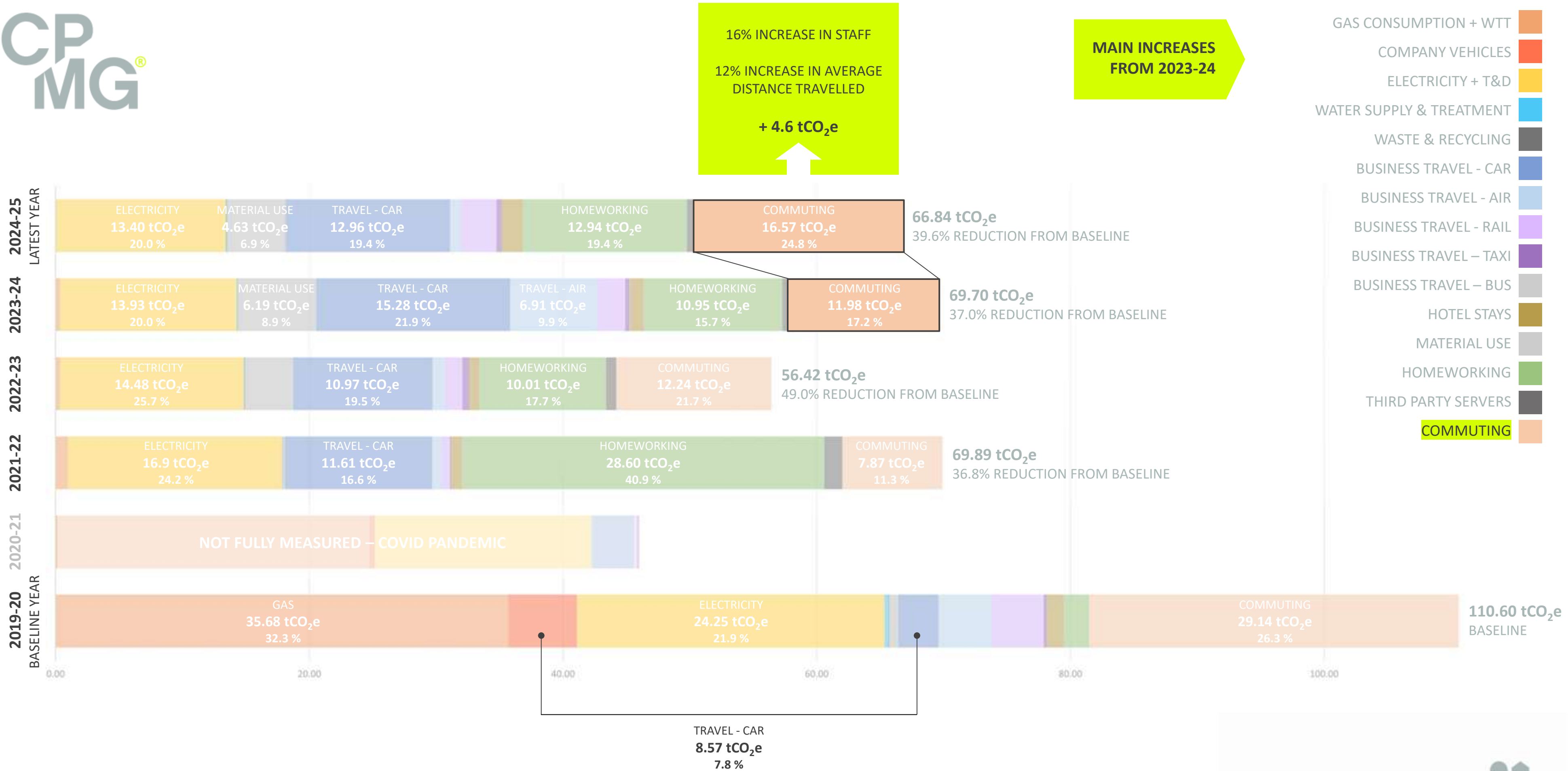
# OVERVIEW: DETAIL





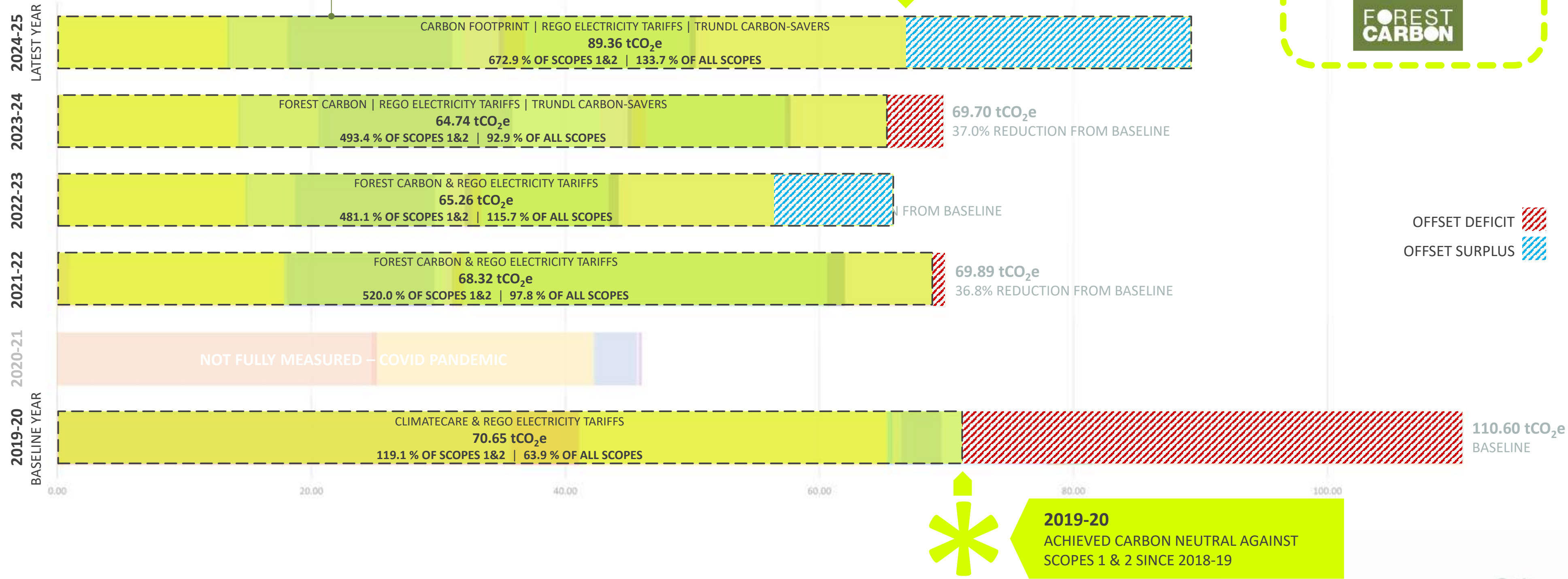
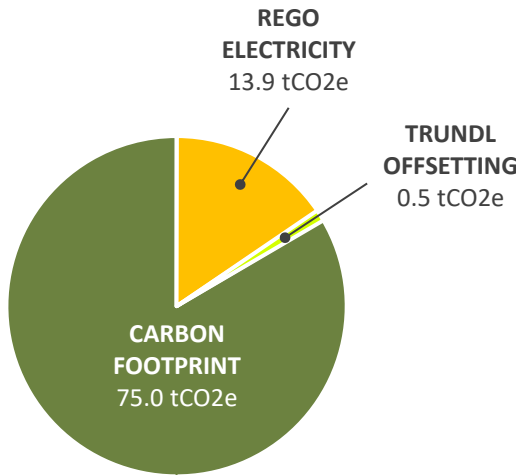


OVERVIEW: DETAIL



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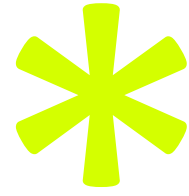
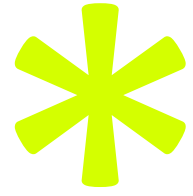




We have been a member of Forest Carbon since 2021.

In this time, we have captured a total of 179.3 tonnes of CO<sub>2</sub>, and planted approximately 717 trees

# CARBON NEUTRAL PRACTICE: WITH OFFSETTING



### MINIMUM TRAJECTORY

2.295 tCO<sub>2</sub>e REDUCTION PER YEAR, EVERY YEAR



**2040**

90% REDUCTION  
(11.06 tCO<sub>2</sub>e)

**2030**

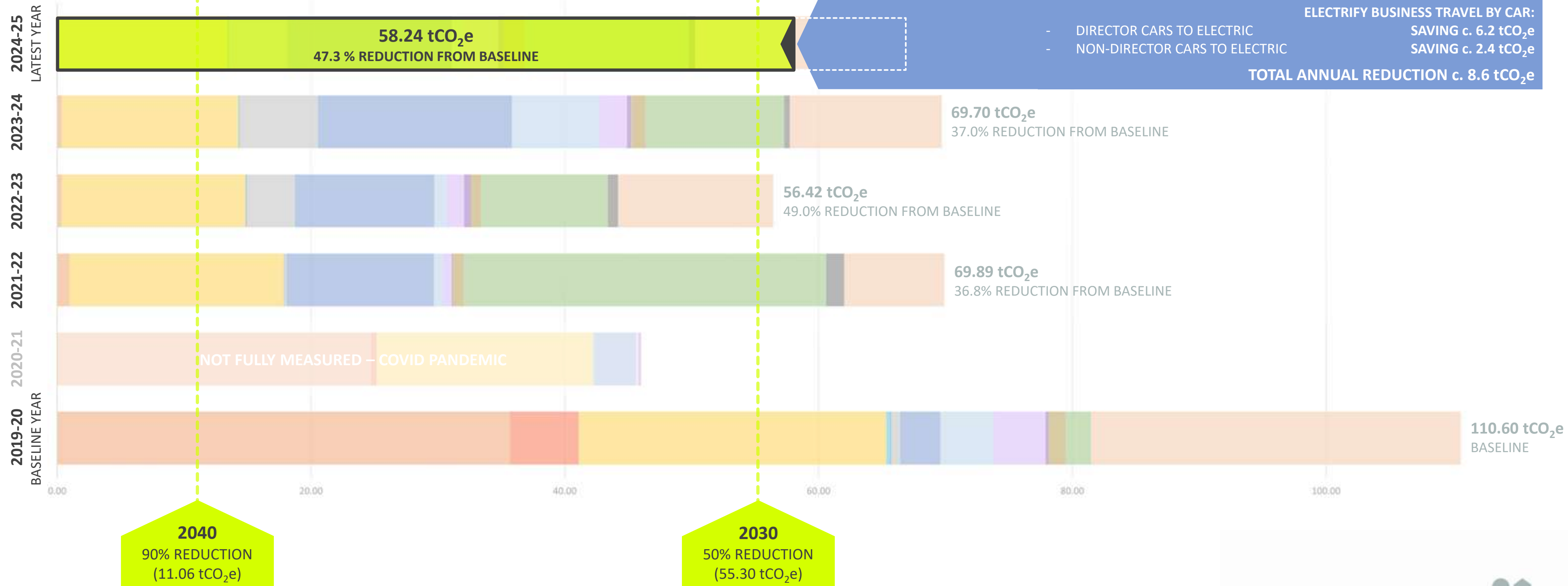
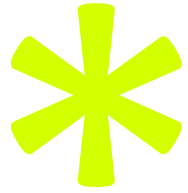
50% REDUCTION  
(55.30 tCO<sub>2</sub>e)

# PROGRESS TOWARDS NET ZERO



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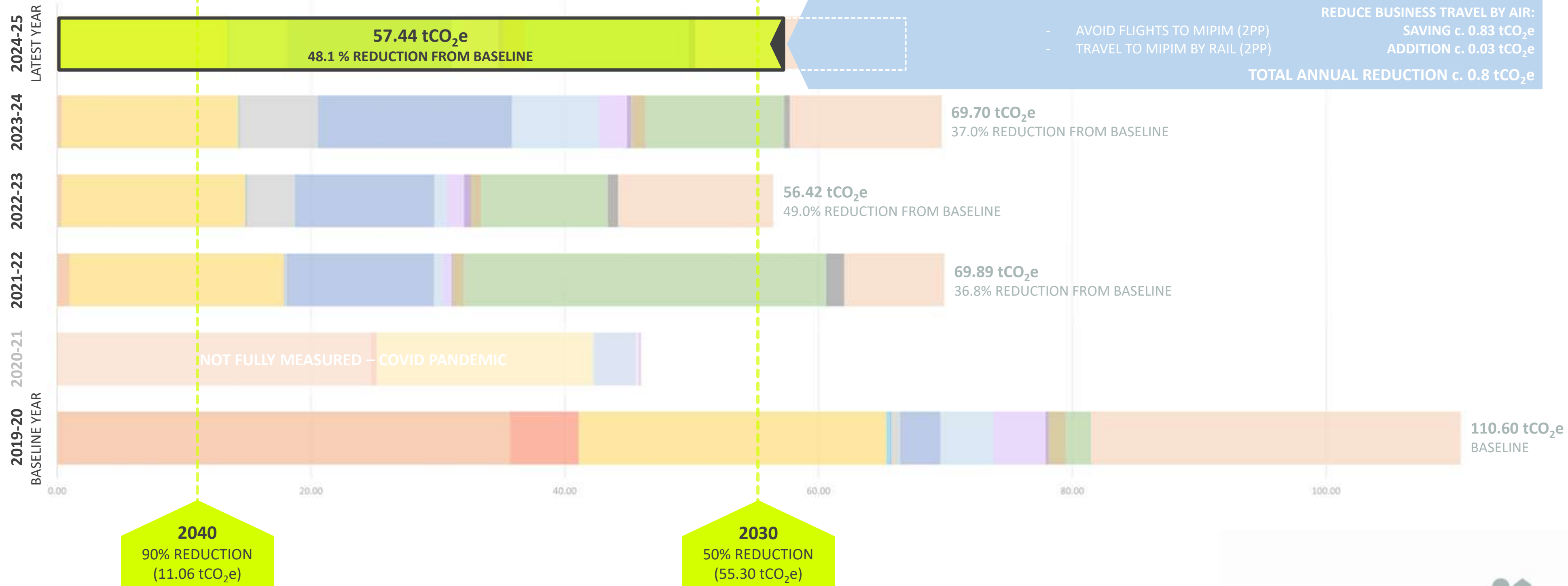
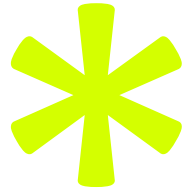




# POTENTIAL FUTURE REDUCTIONS: BY 2030



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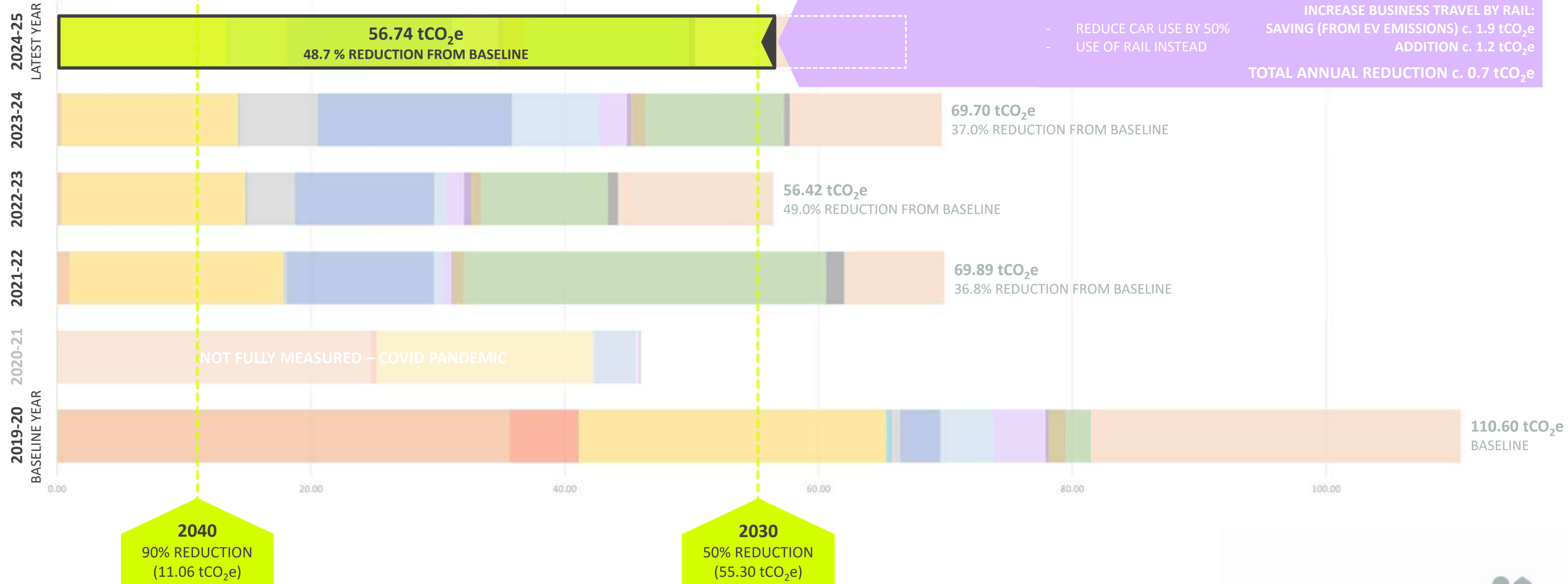
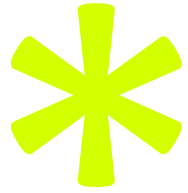


# POTENTIAL FUTURE REDUCTIONS: BY 2030



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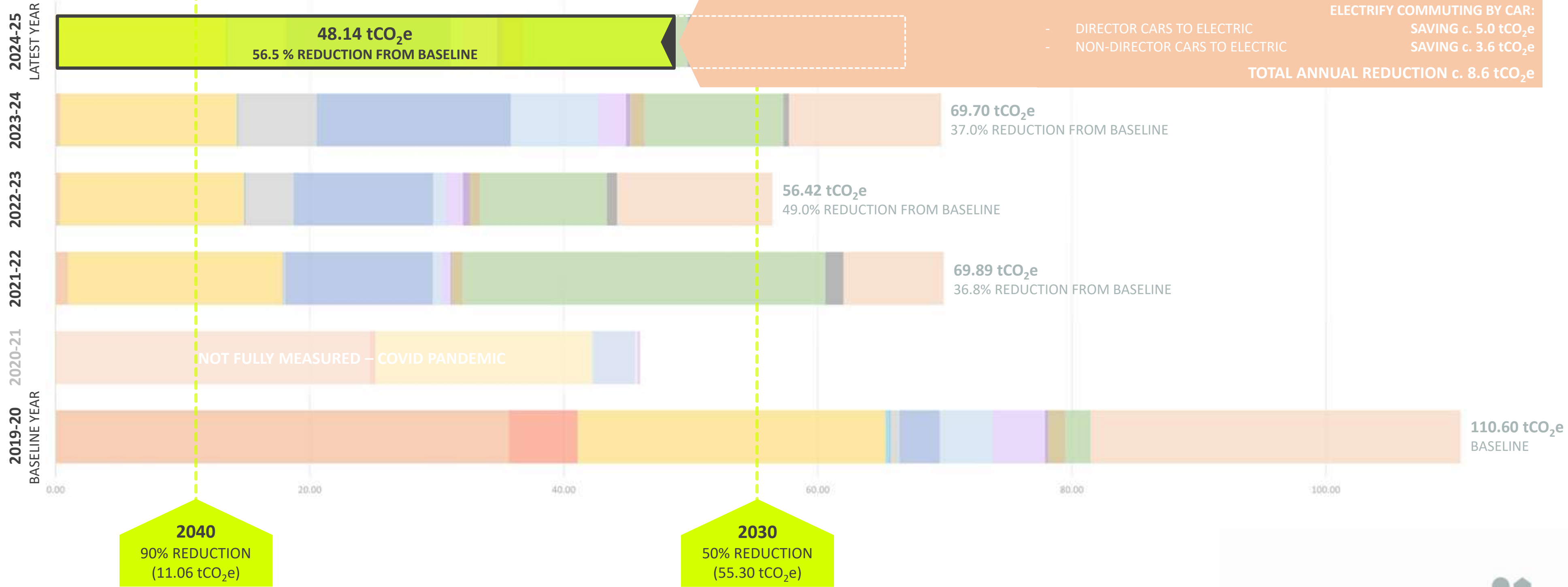




# POTENTIAL FUTURE REDUCTIONS: BY 2030



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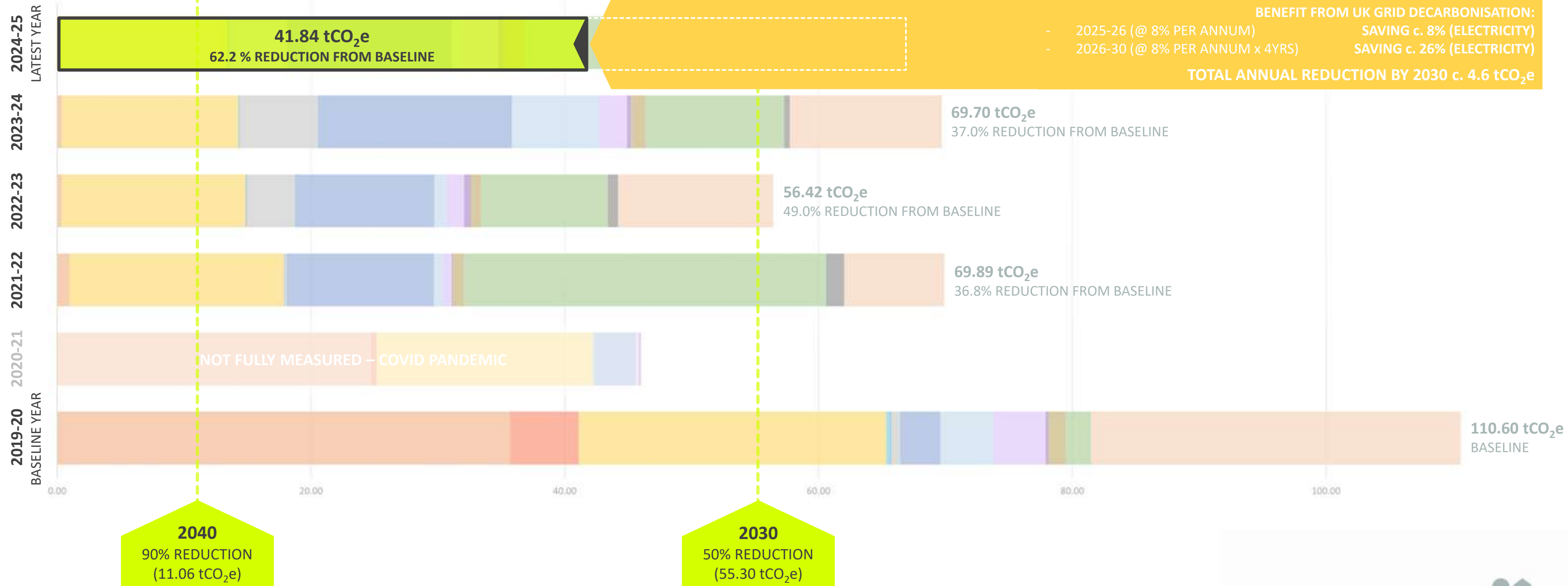
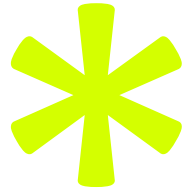
# POTENTIAL FUTURE REDUCTIONS: BY 2030



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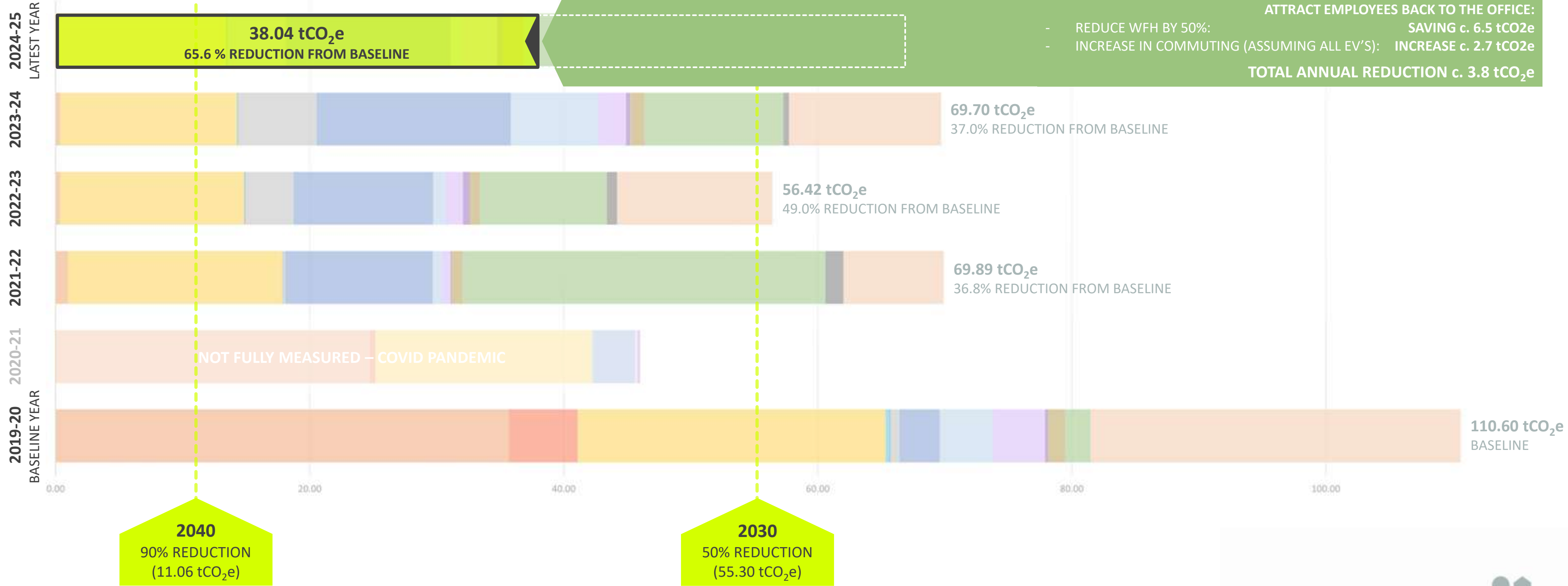




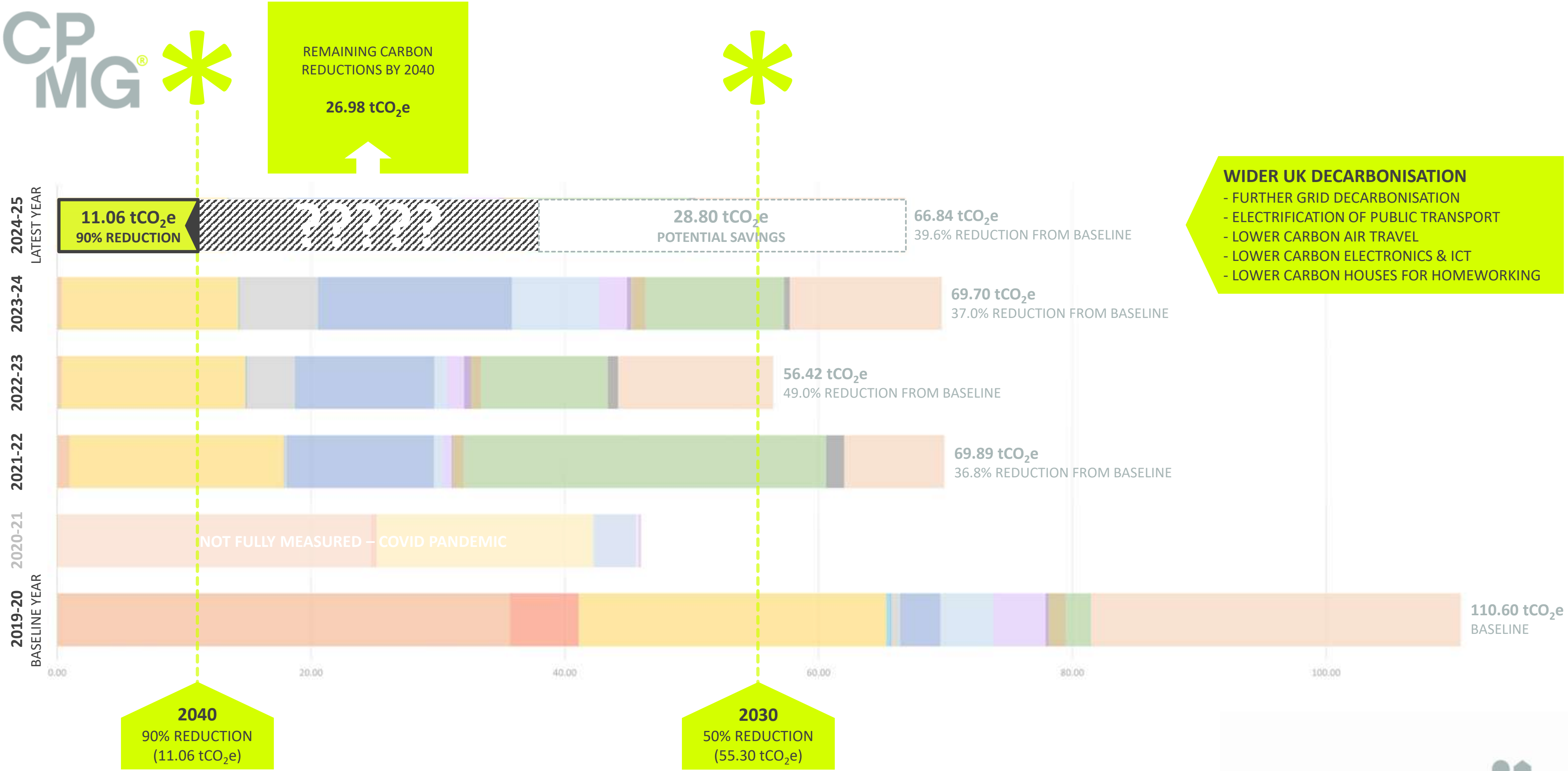


# POTENTIAL FUTURE REDUCTIONS: BY 2030





# POTENTIAL FUTURE REDUCTIONS: BY 2030



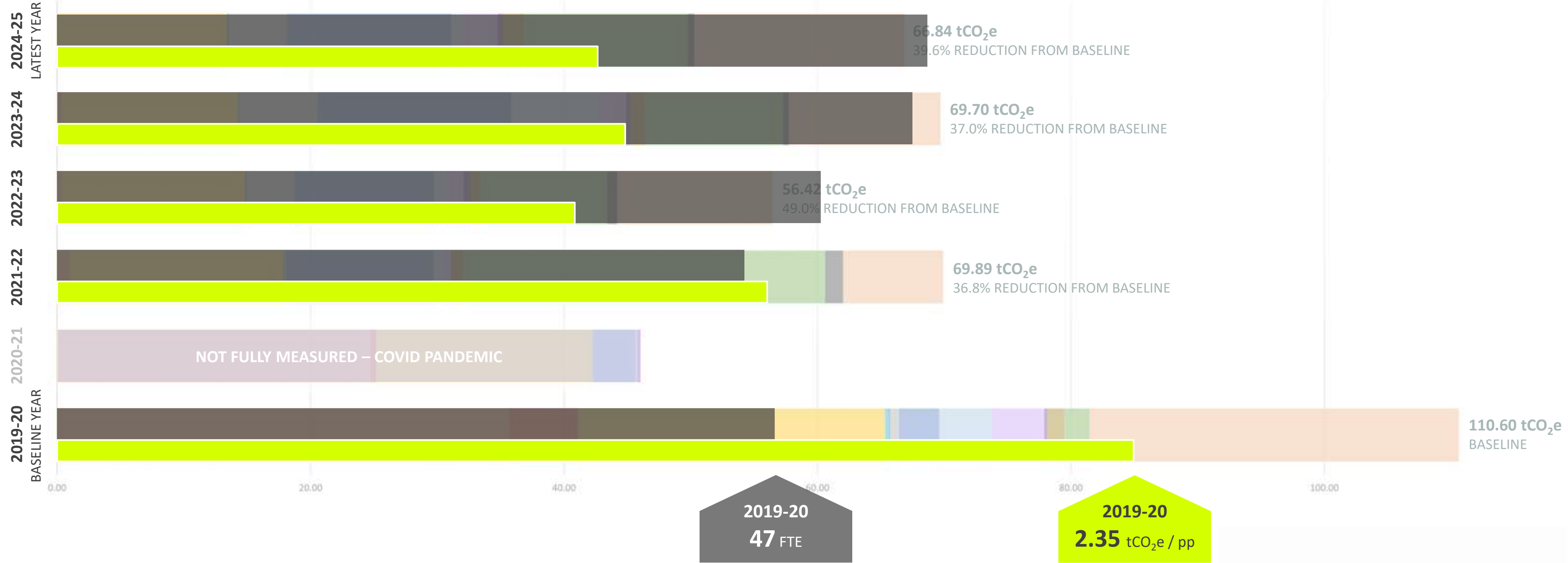
# REMAINING REDUCTIONS: BY 2040





49.8 %

REDUCTION IN CARBON EMISSIONS PER  
FTE TECHNICAL STAFF MEMBER



ADDITIONAL METRICS: tCO<sub>2</sub>e / STAFF FTE



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**remarkable.**

**LOCATIONS** Nottingham | London | Birmingham | Hangzhou, China | Pune, India

