

BYES Contracting UK

# Carbon Report 2022 & 2023 Roadmap



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**“We have made notable progress in 2022, above all on the electrification of our fleet.”**

**Jerome Crespin**  
**Head of Procurement & Sustainability**

Climate change is a pressing global issue that demands immediate action. Bouygues Energies & Services Contracting recognises the urgency of this matter and has set ambitious goals to reduce carbon emissions in alignment with the Paris Climate Agreement. This Carbon Report aims to provide an overview of our achievements in 2022 and outline our aspirations for 2023, highlighting our commitment to combating climate change as part of the wider Bouygues Climate strategy.

**Net Zero Offices and Sites:** We have implemented various de-carbonisation solutions, focusing on the electrification of our fleet and electric vehicle (EV) charging points installation at our sites and offices wherever feasible. Additionally, we have been actively working to reduce our overall energy and fuel consumption, which includes transitioning to green tariffs in our offices and minimising business mileage. Collaborating with the Wood community scheme, we have undertaken several initiatives across our projects to drive carbon reduction based on circularity principles.

**Sustainable Purchasing:** We continue to raise awareness about sustainable purchasing through multiple approaches. Partnering with the Supply Chain Sustainability School, we have received valuable support in implementing our sustainability agenda, including training programs and a free carbon calculator to help our partners measure and report their carbon emissions. Nonetheless, achieving the expected level of engagement with our Supply Chain has proved challenging. We will apply a special focus on this topic in 2023. To ensure a comprehensive understanding of climate change issues, we have introduced mandatory ‘Climate Change Awareness’ training for all our employees, both in the office and on-site, including our leadership



team. Furthermore, in partnership with ‘Climate Fresk,’ we have organised workshops to foster climate consciousness among our colleagues.

**Championing Green Solutions for Clients:** A significant focus of our efforts lies in developing and providing low-carbon solutions to our clients. We are dedicated to working closely with them to integrate sustainable practices right from the early design stage of projects. This entails increasing the utilisation of low-carbon and energy-efficient equipment, aligning with our mission to champion green solutions and support our clients in their own sustainability journeys.

**Bouygues Energies & Services Contracting Business remains committed to driving meaningful change in the fight against climate change.** Through our carbon reduction roadmap, we have made notable progress in 2022 and set ambitious targets for 2023. By prioritising Net Zero operations, sustainable purchasing practices, and offering green solutions to our clients, we aim to be at the forefront of the transition toward a low-carbon future. Our commitment to reduce our carbon footprint aligns with our responsible and forward-thinking company ethos, contributing to a more sustainable and resilient planet for future generations.

# Get to *Net Zero* framework

Our approach to sustainability is targeted and collaborative. It rests on our objective and actions framework; Get to Net Zero – Net Zero offices & sites ( Scope 1&2), Sustainable purchasing and Championing green solutions for clients. Each objective is supported by 5 actions.



## Action 1

Decarbonation of our fleet

## Action 2

Implement carbon reduction plan

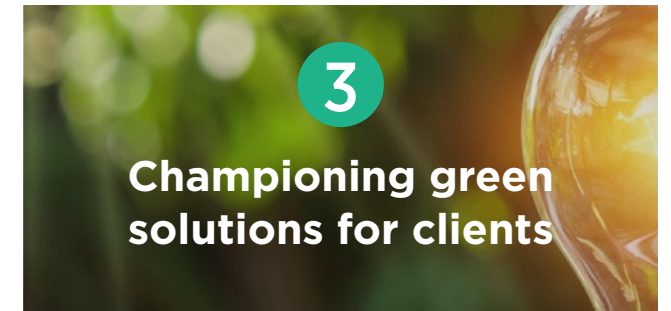


## Action 3

Raise climate change awareness of our staff and supply chain partners

## Action 4

Work with our supply chain Partners to decarbonise



## Action 5

Support our client transition to Net Zero

**2022 Carbon**

*Report*



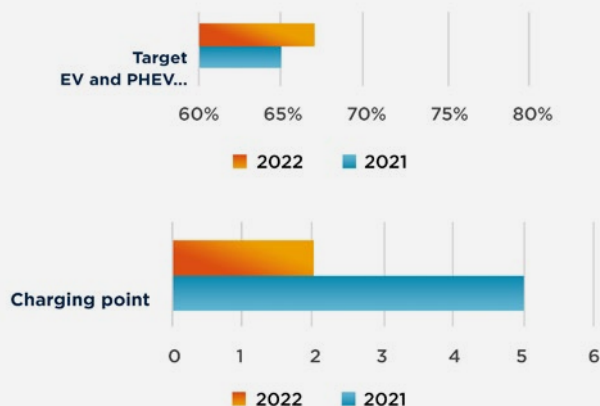
OUR ACTIONS TO GET TO OBJECTIVE 1:  
NET ZERO OFFICES & SITES BY 2025

To achieve our aim we set up two actions across our offices and entire sites.

The actions relates to the Scope 1&2 – associated with our fleet, reducing energy consumption and actions incorporated to reduce the carbon footprint on our projects.

Commercial fleet & business travel represent the vast majority of our Scope 1&2 Carbon emissions (86%), the second category is fuel used to power projects and third category covers the electrification of our offices (14%).

### Our progress in 2022



### Driving green

Given the great number of vehicles, our approach involves different kinds of decarbonisation solutions such as electrification of our fleet and EV charging points installation on our sites and offices where possible.



EV fleet and charging points are a key part of our strategy. In 2022, 68% of our car fleet included EV or PHEV vehicles. We aim to achieve 75% of our fleet to be EV in 2023.

Investment in EV charging points will help us decarbonise and achieve our Net Zero goals.

We continued to grow our EV charging points in our offices and site. In 2022 we installed 2 EV charging points on sites, in addition to 5 already fitted in 2021 in our offices. We have received authorisation for a further 9 charging points installation in our offices in 2023.

### Low carbon energy

The estimated scope emission in our Scope 1&2 was 547 CO<sub>2</sub> (tonnes) in 2022 – a slight increase from 516 CO<sub>2</sub> (tonnes) in 2021, mainly associated with the execution of our construction project in Wales using generators to power the project. As a result, we reviewed our project’s execution strategy and introduced processes to help identify and implement low-carbon solutions, such as Biodiesel HVO.

We remain on course to deliver our Net Zero office & sites by 2025.

We continue to work on the reduction of our overall energy and fuel consumption - from switching to Green tariffs in our offices to reducing the business millages. In 2022 our energy and fuel consumption reduced by 8%.

### Partnering with communities

**Our construction sites continue to impellent a good practices and actions to reduce the carbon foot print.**

We have implemented a number of actions across our projects in collaboration with Wood community scheme. In 2022 across all our projects, we saved 40.5 tonnes of wood from the waste stream and 20 tonnes of CO<sub>2</sub> and recycled 24.2 tonnes of wood with a further 16.3 tonnes to make new wood-based items.

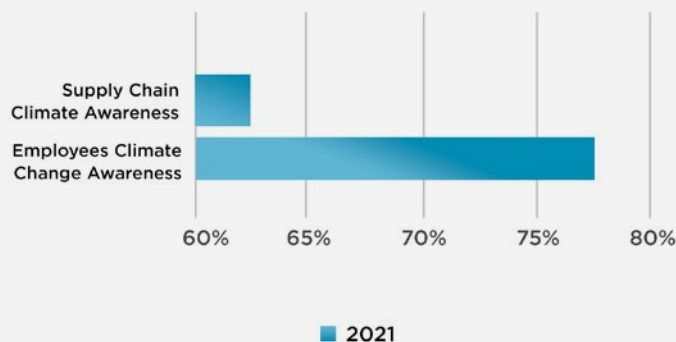
## OUR ACTIONS TO GET TO OBJECTIVE 2: SUSTAINABLE PURCHASING

Our objective 2 sets expectations for our relationship with our supply chain partners and employees.

We actively advocate to raise awareness about climate change and educate our employees and partners.

We also worked constructively with our partners to assess their sustainability approach.

### Our progress in 2022



## SUPPLY CHAIN SUSTAINABILITY SCHOL

### Collaborating with the supply chain

We continued to raise awareness of sustainable purchasing in several ways. We partnered with Supply Chain Sustainability School assisting us with practical steps to implement our sustainability agenda, including the training and free carbon calculator to help our partners to measure and report their carbon emissions.

- 18% of key Supply Chain Partners received the awareness training.
- 10 key Supply Chain Partners submitted data on the carbon reporting tool.

To help us better understand the suppliers' sustainability maturity, we developed and tested the audit tool around the key areas: carbon reduction and monitoring, circular economy, and plastic waste agenda. We undertook audit of our key Supply Chain Partners for Cables, HVAC and LV/MV commodities. The Audit criteria include Sustainable procurement, Design & Manufacturing, Transport, Implementation and Use, and End of Life.

We encourage our Supply Chain Partners to help address climate change and support them in the transition.

### Education and Skills

We launched the mandatory 'Climate Change Awareness' training that applies to all our employees' offices and site-based and leadership team. The module offers an understanding of the phenome of climate change and the main principles of carbon accounting including awareness of the weight of the carbon footprint of our activities. 68% of our workforce completed the training.

To bring our people and business on board with the climate transition, we partnered with Climate Fresk and run workshops where our colleagues, based on collective intelligence, discover the cause and effects of climate change and the importance of taking action now for our future and the future of the next



generations. Continuing to roll out climate change awareness, we developed an Intranet page providing information and resources aiming to support sustainable actions.

The **sustainability portal** offers all employees access to educational materials such as Toolbox Talks, Training, case studies, and more subject-related topics providing information and resources aiming to support sustainable actions.

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OUR ACTIONS TO GET TO OBJECTIVE 3:  
**CHAMPIONING GREEN SOLUTIONS  
FOR OUR CLIENTS**

Our objective 3 is to focus on developing and offering low-carbon solutions to our clients.

We will work closely with them to embed sustainable practices from the early design stage, increasing the use of low-carbon and energy-efficient equipment.

In 2022 we reviewed the internal standards and practices that underpin our design and build approaches enabling us to analyse the Life Cycle Carbon Assessment for buildings and infrastructure projects.

We made progress in identifying the right partner and software to help us capture and evaluate the Life Cycle Carbon Assessment. In 2023, we will pilot the software on the existing project providing us with the baseline database for the feature deployment.

We established a process to offer Low Carbon Solutions to our clients. The consultancy framework reinforces and refines the approach to include sustainability in our consultancy design.





**2023 Carbon**

*Roadmap*

1

OUR ACTIONS TO GET TO OBJECTIVE 1:  
**NET ZERO OFFICES & SITES BY 2025**

**Action 1:**  
**Decarbonation of our fleet**

- Have 75% of the company fleet as EV's or PHEVs vehicles, including the van fleet.
- Increase EV charging points across our sites and premises (depend upon landlord approval and construction sites availabilities).

**Action 2:**  
**Implement Carbon Reduction Plan**

- Reduce the total carbon foot print of Industry UK for scopes 1&2 by 10% in 2023 vs 2022.
- Procure 100% green electricity for all BYES premises where practicable.
- Require each contract or stand-alone project to incorporate at least one action to reduce its carbon footprint.

2

OUR ACTIONS TO GET TO OBJECTIVE 2:  
**SUSTAINABLE PURCHASING**

**Action 3:**  
**Raise climate challenges awareness and develop our staff**

- Provide Climate Change awareness training to 75% of all staff by the end of 2023.
- Produce 3 internal newsletters.

**Action 4:**  
**Developing a more sustainable supply chain**

- Deliver three workshops to priority supply chain partners in 2023.
- On board 20 key suppliers to submit data on a regular basis using the Carbon Reporting portal by end of 2023.



3

OUR ACTIONS TO GET TO OBJECTIVE 3:  
**CHAMPIONING GREEN SOLUTIONS FOR OUR CLIENTS**

**Action 5:**  
**Support our client transition to net zero**

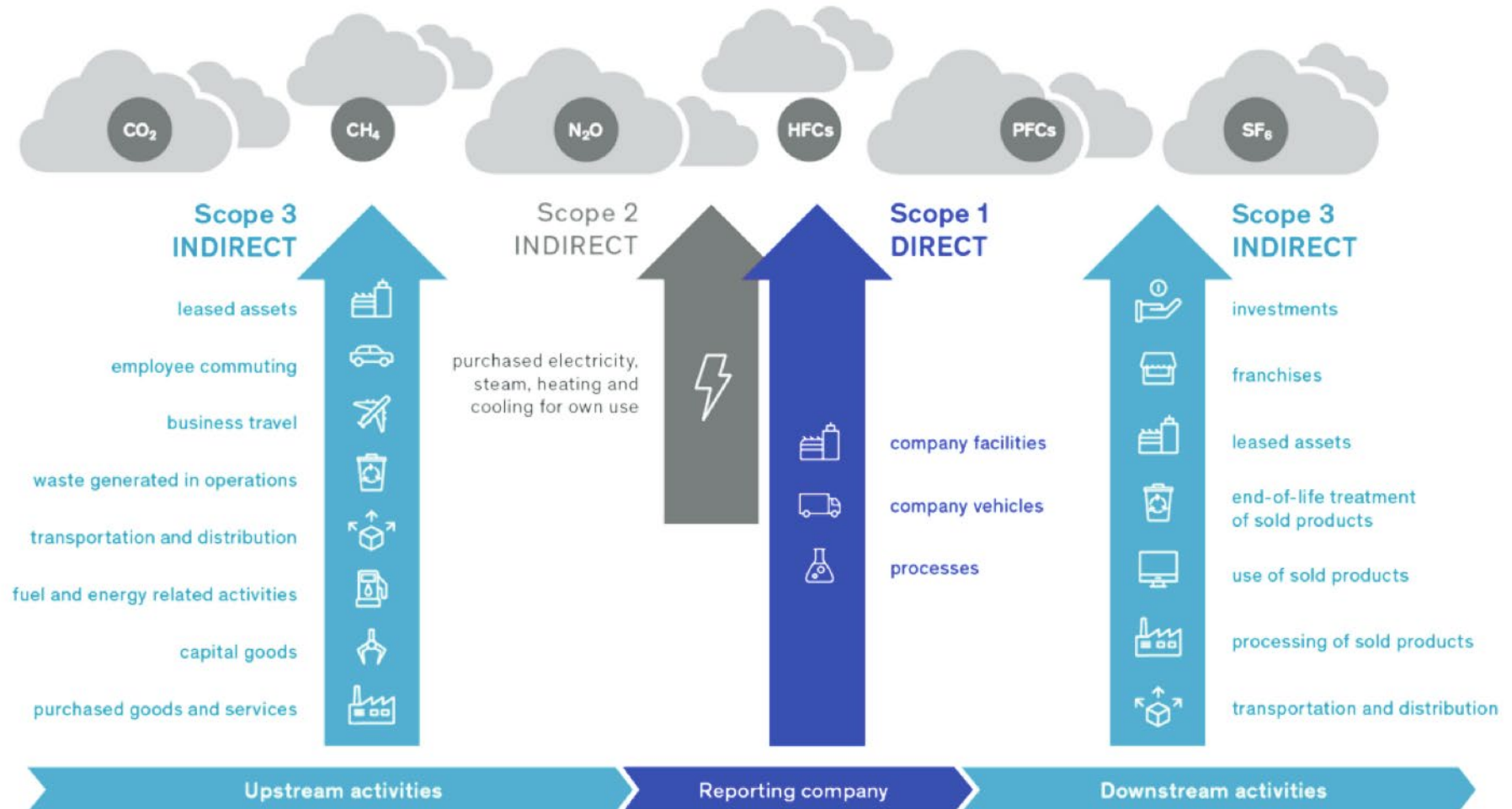
- Implement Life Cycle Assessment – building the database to carry out the assessment on the life projects in 2024.

# Appendix

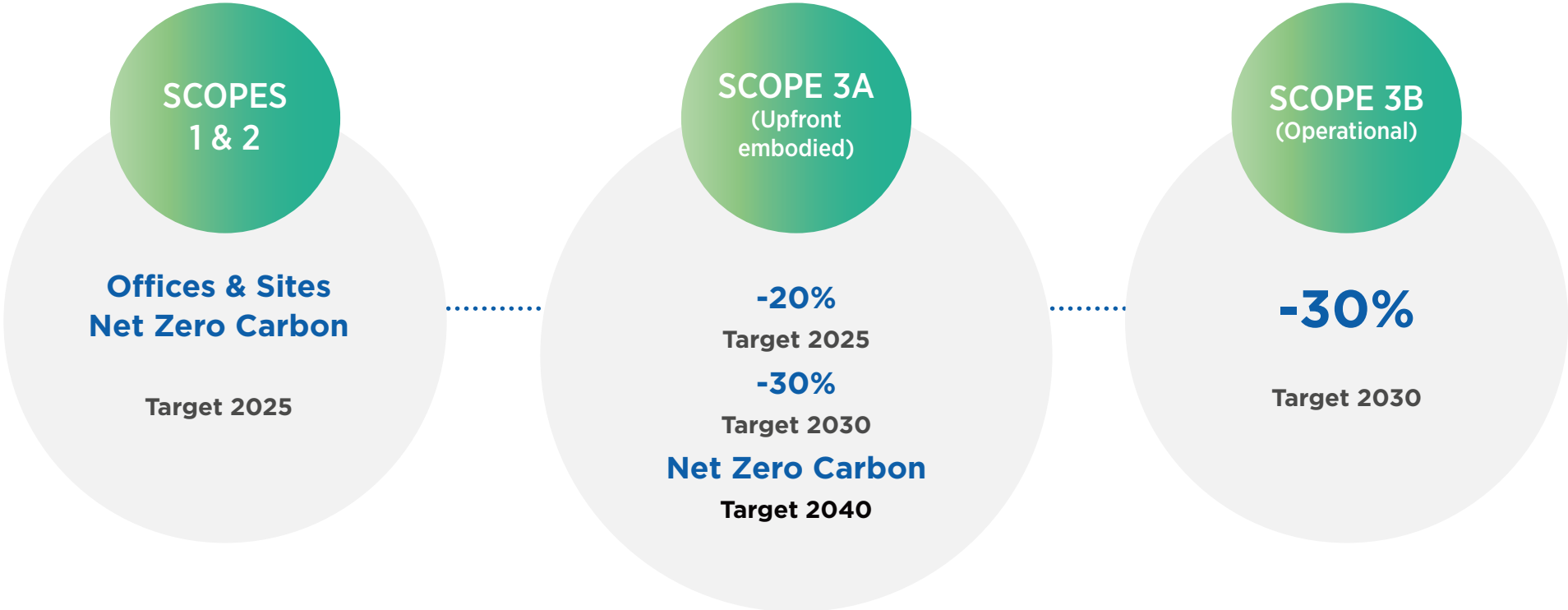




# Overview of Scopes



# UK Carbon targets, Connect 2025



BYES Contracting UK

# Carbon Report 2022 & 2023 Roadmap

**Thank you for reading!**

**Any questions?**

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