

Bouygues UK Carbon Roadmap



Scopes 1 & 2

At Bouygues UK, we believe that every project is an opportunity to build the future.

It is our mission to deliver a sustainable built environment that will enable communities to thrive for decades to come. We acknowledge our role as a responsible and committed business to reduce our greenhouse gas emissions to an absolute minimum.

What are the definitions of scopes 1 and 2?

Scope 1

Direct emissions from stationary and mobile combustion sources (fuels) as well as fugitive emissions (refrigerants).

Scope 2

Indirect emissions from purchased electricity, steam, heat or cold.

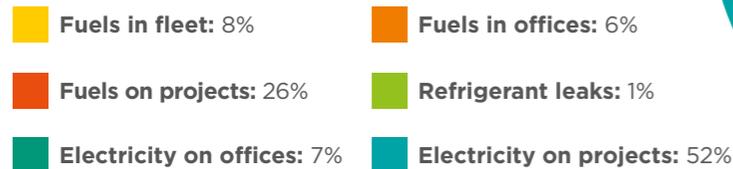
Our target:
Net Zero by 2025

Our baseline figures

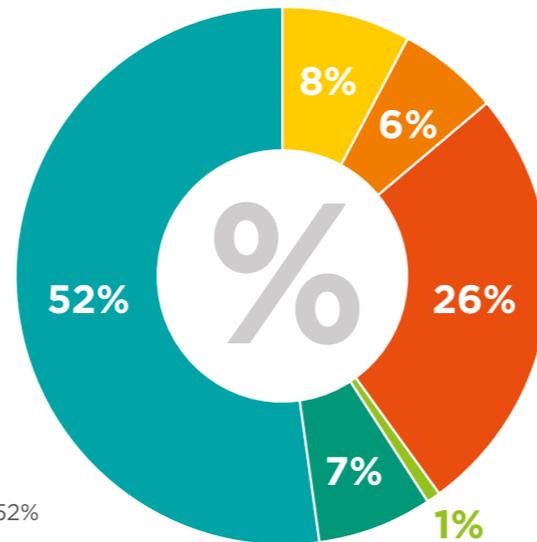
We have calculated how much CO₂e Bouygues UK emitted in 2021. We will use this figure as the baseline to report against and show our improvements moving forwards.

Scope 1: 1,201 tCO₂e
Scope 2: 1,544 tCO₂e
Total (1+2): 2,745 tCO₂e

This graph shows the breakdown of Bouygues UK's CO₂e contributors to the baseline figure.

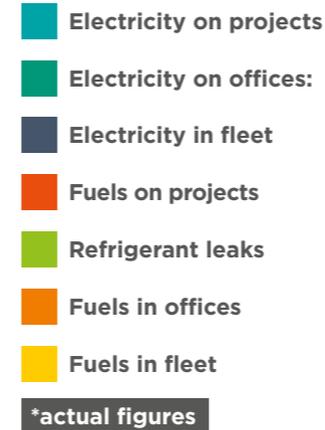


Bouygues UK CO₂e contributors 2021

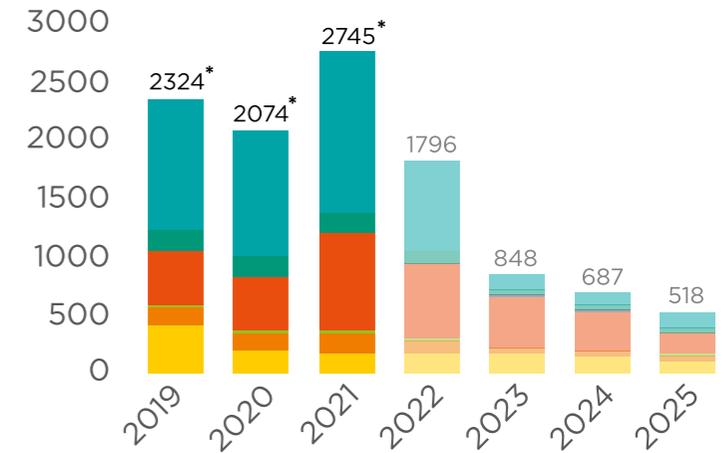


Our trajectory

In order to reach our target of being net zero by 2025 we will need to reduce our CO₂e emissions year on year.



Scopes 1&2 (in tCO₂e)



How will we reach net zero by 2025?

In order to meet our target we have committed to:



Train and upskill 100% of our staff and contribute to our supply chain upskilling.



Install smart building technologies on all our sites and offices to understand and reduce our energy use.



Increase the energy efficiency of our site cabins in partnership with our supply chain.



Make the most of our site installations in order to generate free energy (solar).



Shift company cars and fleet towards electric and hybrid plug-in associated with installation of EV charging points on all our sites.



Minimise the use of generators.



Make the best use of biofuels.



Procure Green energy.



Enable the shift towards electric plant wherever possible.

Scope 3

At Bouygues UK, we believe that every project is an opportunity to build the future.

It is our mission to deliver a sustainable built environment and we acknowledge our role as a responsible and committed business to reduce our greenhouse gas emissions.

What is the definition of scope 3?

Scope 3

Scope 3 emissions are all indirect emissions (not included in scope 2) that occur in the value chain of the reporting company, including both upstream and downstream emissions.

Our target*:
-30% by 2030

*vs 2021

Our baseline figures

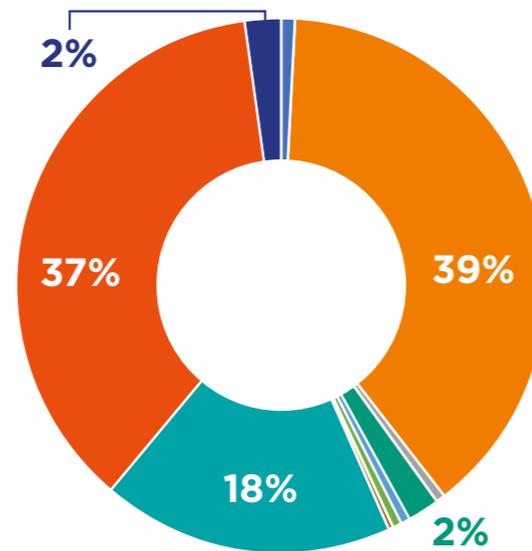
We have calculated how much CO2e Bouygues UK emitted in 2021. We will use this figure as the baseline to report against and show our improvements going forwards.

Scope 3: 460t/£m turnover

This chart shows the breakdown of Bouygues UK's CO2e contributors to the baseline figure

- **2. Capital goods:** 39%
- **4. Upstream transportation and distribution:** 2%
- **10. Processing of sold products:** 18%
- **11. Use of sold products:** 37%
- **12. End-of-life treatment of sold products:** 2%

Bouygues UK scope 3 contributors - 2021

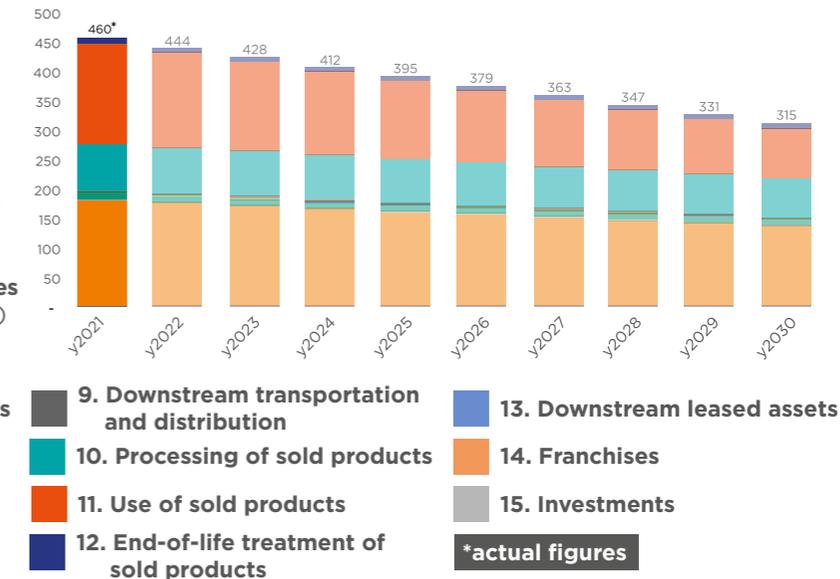


Our trajectory

In order to reach our target to reduce our scope 3 emissions by 30% by 2030 we will need to reduce our CO2e emissions year on year.

- **1. Purchased goods and services**
- **2. Capital goods**
- **3. Fuel and energy related activities** (not included in scope 1 or scope 2)
- **4. Upstream transportation and distribution**
- **5. Waste generated in operations**
- **6. Business travel**
- **7. Employee commuting**
- **8. Upstream leased assets**

Scope 3: (in tCO2e/£m)



How will we reach -30% by 2030 against our baseline of 2021?

In order to meet our target we have committed to:



Undertake W/LCA as early as possible and on all projects in order to inform our designs.



Apply the principles of Passive House to their fullest extent, focusing on the fabric first and towards Net Zero operational carbon.



Reinforce our products analysis and selection in order to bring more quality and robustness whilst reducing by 25% the carbon content of all our products.



Reinforce our position on refurbishment and retrofit projects.



Maximise systems efficiency and on site energy generation towards Net Zero operational carbon without fossil fuels.



Promote and make use of structural timber supported by WeWood, our integrated team of timber experts.



Reduce by a 1/3rd the carbon content of our purchased concretes and steels.

Contact us



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