

Carbon Reduction Plan

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Commitment to achieving Net Zero

Bouygues Bâtiment International is committed to achieving Net Zero greenhouse gas emissions by 2050 for its UK operations.

Baseline Emissions Footprint

Baseline emissions are a record of the greenhouse gases that have been produced in the past and were produced prior to the introduction of any strategies to reduce emissions. Baseline emissions are the reference point against which emissions reduction can be measured.

Baseline Year: 2021		
Additional Details relating to the Baseline Emissions calculations.		
Bouygues Bâtiment International's 2021 baseline emissions are calculated based on the consolidated data from its operations. The 2021 baseline represents a significant reference point for measuring progress toward emissions reduction targets. Our carbon emissions calculation covers all three scopes as per GHG Protocol requirements: • Scope 1: Direct GHG emissions from fossil fuels use in heavy machinery, generators, and company vehicles. • Scope 2: Indirect GHG emissions from electricity used on construction sites (cranes, cabins, tunnel-boring machines, etc) and in offices (heating, cooling, lighting). • Scope 3: other indirect emissions ○ Upstream: Materials, fixed assets, transport, business travel, commuting. ○ Downstream: Operational emissions during building lifetime The 2021 reference year and associated emissions-reduction targets were reviewed and validated by the Science Based Targets initiative (SBTi); Bouygues Bâtiment International's carbon footprint is also audited annually by independent third parties as part of the European CSRD reporting framework, with the resulting data officially consolidated within the Bouygues Group's reporting. The data presented in the tables below has undergone the same review, validation and annual independent audit process described above.		
Baseline year emissions:		
	VALUE	UNIT
Scope 1	24 210	tCO ₂ e
Scope 2 (Market-based)	48 854	tCO ₂ e
Scope 3 :		
• Purchased goods and services	560 700	tCO ₂ e
• waste generated in operations;	22 122	tCO ₂ e
• business travel;	10 643	tCO ₂ e

• employee commuting;	20 040	tCO2e
• fixed assets	9 467	tCO2e
• downstream transportation and distribution	2 930 747	tCO2e

Current Emissions Reporting

Reporting Year: 2025		
EMISSIONS	VALUE	UNIT
Scope 1	16 065	tCO2e
Scope 2 (Market-based)	11 719	tCO2e
Scope 3 :		
Purchased goods and services	445 282	tCO2e
waste generated in operations;	15 490	tCO2e
business travel;	5 861	tCO2e
employee commuting;	11 035	tCO2e
fixed assets;	5 213	tCO2e
downstream transportation and distribution	1 461 614	tCO2e

Emissions reduction targets

Bouygues Construction and its entities are committed to a proactive decarbonization strategy. This responsibility is reflected by three targets for 2030, broken down according to scopes 1&2 – direct emissions of our worksites and agencies, and scope 3 – mainly materials and operations energy:

- **Scope 1 & 2** – reduction by 40% of our carbon footprint by 2030 based on 2021 (absolute value).
- **Scope 3 (Buildings)** – reduction by 30% of the carbon footprint of each square meter built.
- **Scope 3 (Civil works)** – reduction by 20% of our carbon footprint (absolute value)

In November 2023, the **Science Based Targets initiative (SBTi)** has officially validated Bouygues Construction's greenhouse gas emission reduction targets for the period 2021-2030. This certifies that the Group's commitments are consistent with current scientific climate data and comply with the Paris Agreement, intending to keep the increase in global average

temperature well below 2°C compared to pre-industrial levels, while continuing efforts to limit it to 1.5°C.

Bouygues Bâtiment International, as part of Bouygues Construction, is committed to achieving these building-related targets. In addition, BBI has set an objective to reduce its absolute greenhouse gas emissions by 30% by 2030.

Furthermore, Bouygues UK, as part of Bouygues Bâtiment International, is committed to reducing our carbon emissions towards Net Zero by 2050 while continuing to meet Bouygues UK's ambitions for business growth.

Specifically, Bouygues UK intends to become a Net Zero Carbon business on scopes 1&2 and reduce its Scope 3 Carbon emissions by 30% by 2030. See [Bouygues UK's Climate & Environment page](#) for more information.

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2021 baseline, and the measures will be in effect when performing the contract.

Bouygues Bâtiment International deploys the following levers on its projects to achieve our targets.

Scopes 1 & 2 – Direct emissions

- Training and upskilling 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.
- Shift company cars and fleet towards Electric and Hybrid plug-in associated with installation of EV charging points on all our sites.
- Enable the shift towards electric plant wherever possible
- Minimise the use of generators
- Make the best use of biofuels
- Make the most of our site installations in order to generate free energy (Solar)
- Procure Green Energy

Scope 3 – Mainly Materials & Operation energy

- Undertake Whole Life carbon assessment as early as possible and on all projects to inform our designs and deploy value engineering
- Propose onsite renewable energy generation.
- Reinforce our position on Refurbishment and Retrofit projects.
- Maximise fabric performance & systems efficiency.
- Reduce the carbon content of our purchased concretes and steels.
- Promote and make use of structural timber.
- 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.
- Promote biodiversity on site.
- Propose alternative solutions to reduce water consumption.

Bouygues Bâtiment International (BYBI) holds the following ISO certifications: **ISO 9001 (Quality)**, **ISO 14001 (Environment)**, and **ISO 45001 (Safety)**. These certifications are verified through annual audits conducted by an external third-party (AFNOR).

Additionally, BYBI is certified for **ISO 19650 (BIM Project Management)**, with the latest accreditation on 25 November 2023, valid for three years.

The following subsidiaries of BYBI have their own ISO certifications: AW Edwards, BYMARO, Bouygues Thai, **Bouygues UK**, Dragages Hong Kong, Dragages Singapore, KARMAR, Losinger Marazzi & VCES.

Additionally, Bouygues Bâtiment International, as part of Bouygues Construction, demonstrates its commitment to sustainability and environmental responsibility through several key memberships and certifications:

- **UN Global Compact:** Bouygues Group is a signatory of the UN Global Compact, an initiative that encourages businesses to adopt sustainable and socially responsible practices. Signatory companies commit to ten principles in human rights, labour, environment, and anti-corruption, integrating them into their strategies, operations, and culture while reporting progress regularly.
- **Act4Nature:** Bouygues Construction is also a signatory of the Act4Nature initiative, which unites companies committed to protecting and restoring biodiversity. Signatory companies take specific actions to address biodiversity loss, including integrating biodiversity into their

strategies, implementing conservation measures, and collaborating with stakeholders.

- Bouygues Construction works in partnership with the NGO **WWF France** to raise awareness on sourcing sustainable and certified timber.
- **Innovation Partnership with Ecocem**: BYCN has established a partnership with Ecocem, a leader in low-carbon cement technology.

Future carbon reduction initiatives

Bouygues Bâtiment International is committed to continuing the systematic deployment of our decarbonisation levers across our operations and the projects we deliver, with the aim of achieving SBTi-validated decarbonisation targets within BYCN (our parent organisation) covering scope 1, 2 and 3 emissions.

- Roll out **comprehensive training and upskilling programmes** to ensure 100% of staff and supply chain partners are equipped to implement low-carbon practices across all projects
- Deploy **smart energy monitoring systems** on sites and offices to measure, analyse and reduce energy consumption in real time
- Enhance **energy efficiency of site installations** (including cabins and temporary facilities) to minimise operational emissions
- Accelerate the **electrification of fleet (cars, vans) and construction plant**, reducing reliance on fossil fuels
- Minimise the use of diesel generators by **prioritising grid connections and alternative energy solutions (e.g. power banks, solar, peak shaving)**
- Increase the use of **low-carbon fuels (e.g. biofuels such as HVO)** where electrification is not yet feasible
- Strengthen **carbon governance through systematic Carbon Reduction Plans and lifecycle carbon assessments** on all projects from early design stages
- development of **robust carbon data capture and reporting tools** to monitor emissions and drive continuous improvement across Scopes 1, 2 and 3
- Development and acceleration of sustainable solutions in Bouygues Construction's new innovation & R&D hub, **Scale One**, to support future carbon-reduction initiatives across all activities, involving our international stakeholders.

Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 006 and associated guidance and reporting standards for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting².

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and the required subset of Scope 3 emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard³.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

Izaskun LAUCIRICA

Head of CSR & Quality Direction

Bouygues Batiment International



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¹ <https://ghgprotocol.org/corporate-standard>

² <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

³ <https://ghgprotocol.org/standards/scope-3-standard>