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Author: Ana Rueda San Narciso

FCC CONSTRUCCIÓN COMMITMENT TO SUSTAINABILITY

FCC Construcción has published, once again, its [Sustainability Report](#) for the years 2024-2025, in accordance with the international standards of the **Global Reporting Initiative (GRI)**, where it shows its transparency towards its stakeholders and behaviour in terms of ESG. In the report, the main goals of the company from its [Climate Change Strategy](#) towards achieving climate neutrality are presented. The strategy has been implemented since 2023 both at the projects and fixed centres, where reduction measures are taken.

ALIGNING WITH CSRD

Since 2023, FCC Construcción has been working on its compliance on the EU's Corporate Sustainability Reporting Directive (CSRD). Efforts and resources have been devoted to complying with the new ESRS indicators and disclose its non-financial information based on the concept of double materiality. From now on, FCC Construcción has to report it's impacts on people and the environment besides on its financial health. This new way of reporting affects all areas of the organization and its projects, as every part of the organization has to develop processes to comply the reporting.

CO2 PERFORMANCE LADDER

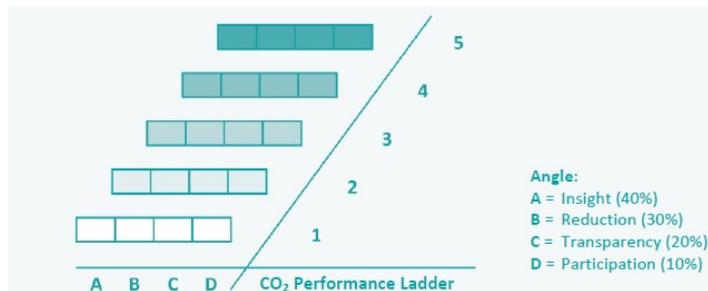
The CO2 performance ladder (CO2PL for short) is a tool designed to help organizations promote sustainability and reduce their CO2 emissions across their operations and supply chain. It consists of 5 levels, with the first 3 for the organization internally and 4-5 externally. Achieving a higher level gives an award advantage in tenders.

VEENIX – A9 BaHo commitments

For the project VeenIX – A9 BaHo, level 5 is mandatory, which represents the highest level of certification. This Factsheet is developed twice per year in order to monitor the project activity and CO2 emissions.

Method

The goal of the project in terms of the implementation of the CO2PL is to obtain the Certification Level 5. At level 5, the agreed savings are realized. This applies to our own business activities and to coordination with suppliers or customers. Having all CO2 activities under control is a key factor to the project. To move up a step, the project must meet a fixed set of requirements from four angles:



PROGRESS IN 2025

A. Insight

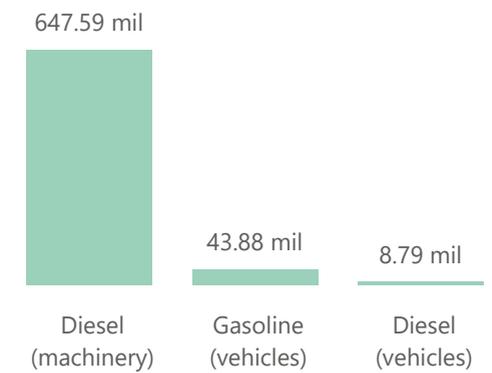
A periodic insight into CO2 emissions, and a package of measures to achieve reductions form the foundation of the ladder. In practice, applying the CO2 Performance Ladder results in structural cost savings within the organization and on projects. The methodology of reporting and calculating the CO2 emissions is based on the requirements of the ISO:14064.

INSIGHT INTO THE ENERGY FLOW

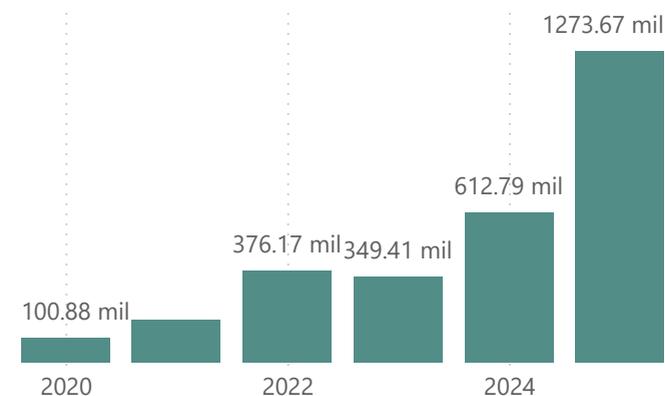
Energy Consumption 2025 (kWh)



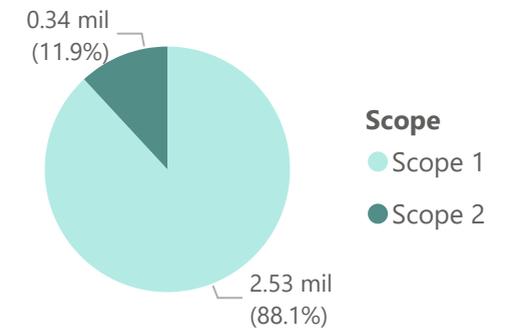
Energy Consumption 2025 (liters)



Electricity Consumption 2020-2025 (kWh)



Scope 1 and 2 CO2 Emissions 2025



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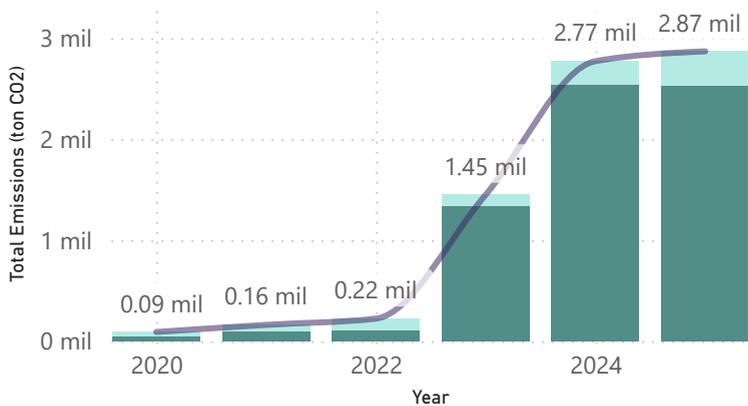
PROGRESS IN 2025

A. INSIGHT

A periodic insight into CO₂ emissions, and a package of measures to achieve reductions form the foundation of the ladder. In practice, applying the CO₂ Performance Ladder results in structural cost savings within the organization and on projects. The methodology of reporting and calculating the CO₂ emissions is based on the requirements of the ISO:14064.

SCOPE 1 AND 2

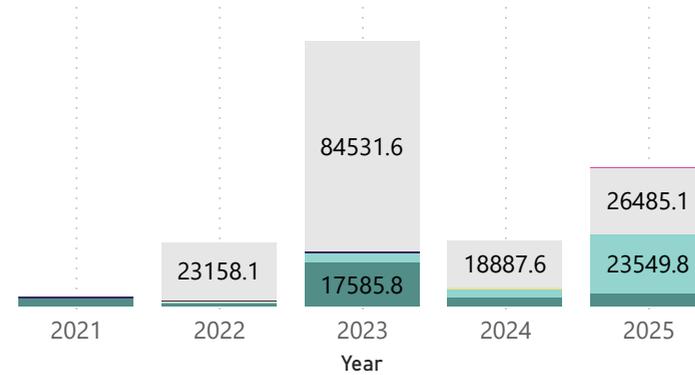
Scope ● Scope 1 ● Scope 2 ● Total Emissions (ton CO₂)



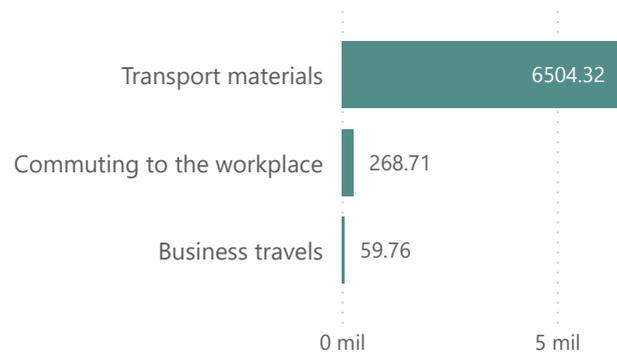
SCOPE 3

Scope 3 Emissions per material type

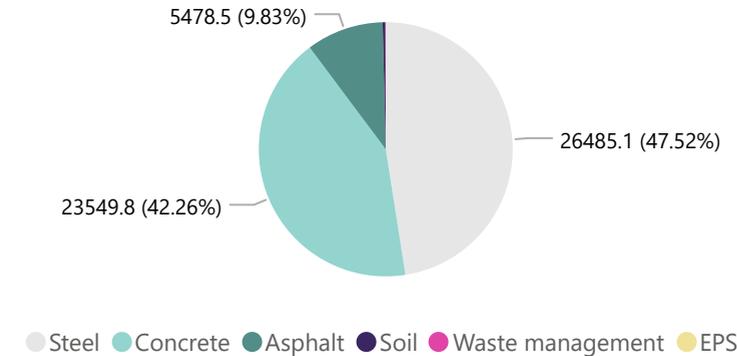
● Asphalt ● Concrete ● EPS ● Soil ● Steel ● Waste manage...



Transport emissions 2025(CO₂ eq tons)



Scope 3 Emissions per material type 2025 (%)



B. CO₂ REDUCTION

The CO₂ Performance Ladder aims to take reduction measures on the projects. At VeenIX, most of the CO₂ emissions take place on the construction site where the equipment consumes a lot of fuel.

At the moment, about half of the certified companies take measures in the production process. This ranges from equipment use to planning optimization to changes to production locations. The CO₂ Performance Ladder aims to take reduction measures on the projects.

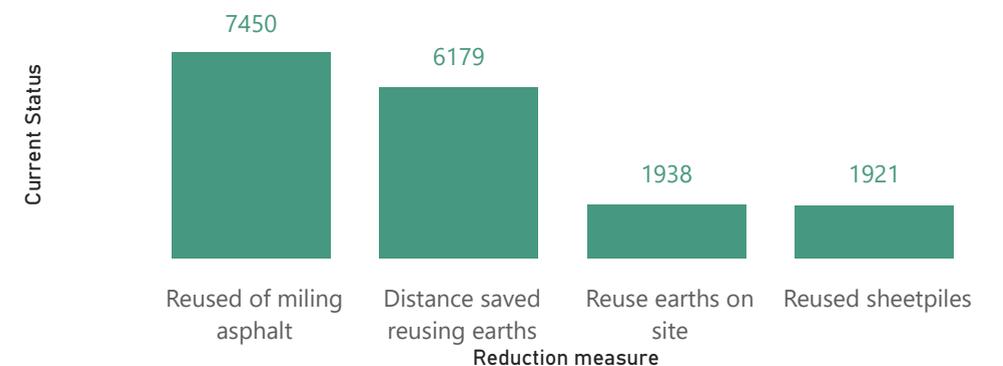
FCC Construcción S.A. (NL) declares to be committed to pursue a reduction of approximately 3750 tons of CO₂ emission per year. The total expected reduction comprises 30.000 tons of CO₂ over the lifetime of the project (2020 till 2028).

The reduction targets for the A9 project based on the scope are the following:

- Scope 1 emissions (gas consumption): 300 tons of CO₂ reduction
- Scope 2 emissions (electricity & business travel): 300 tons of CO₂ reduction
- Scope 3 emissions (related to materials): 29.400 tons of CO₂ reduction

For the first time in the A9 BaHo project, we incorporated actual, project-specific emission factors for the main construction materials—concrete, asphalt, reinforcement steel and sheet piles. This was made possible through the LCAs developed by VeenIX thanks to the collaboration of our suppliers, which provided verified environmental data. By using supplier-specific EPD data, the project achieved a more accurate and reliable calculation of embodied carbon. This methodological improvement enhances the precision of our CO₂ footprint, strengthens transparency in our reporting, and aligns with the CO₂ Performance Ladder's emphasis on the use of validated, up-to-date emission factors. Implementing and getting the information is a continuous process, with the final goal of achieving the expected CO₂ emissions reduction and contribute to building more knowledge about how the sector can implement mitigation measures in their projects and to the fight against climate change.

CO₂ reduction emissions (tons CO₂ eq) (update 2025)



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PROGRESS IN 2025

C. TRANSPARENCY

Up-to-date information is important for knowledge exchange and stimulation of innovation. Sharing efficient solutions inspires others. This also ensures that each other's good ideas can be used on project components and entities.

FCC Construcción Provides transparency about its ESG information, both internally and externally, through its Sustainability Reports based on the GRI (Global Reporting Initiative). The sustainability information of the projects of the company is reported annually in [FCC Construcción website](#). Also, the company publishes its [Greenhouse Gases Emissions annually](#). This fact is also recognizably implemented in the CO₂ ladder system. VeenIX contributes to the company's report with the environmental information of the project.

VeenIX, in line with its commitment to transparency and sustainability, consistently publishes its CO₂ emissions results and reduction plans on its website. By openly sharing these reports, VeenIX ensures that stakeholders can track its progress and verify its efforts to minimize environmental impact. This practice not only aligns with the highest standards of the CO₂ Performance Ladder but also reinforces VeenIX's dedication to reducing CO₂ emissions and promoting sustainable construction practices.

Internally, the project communicates its emissions and progress towards achieving the maximum score in the CO₂PL system.

The certification of VeenIX A9 BAHO in accordance with the CO₂PL has been published several times both in [the website news](#) or in the Sustainability Report of FCC Construcción.

D. PARTICIPATION

Participating with other parties across the sector and value chain continues to drive innovation, particularly in large-scale infrastructure projects such as the A9 Badhoevedorp–Holendrecht (A9 BaHo). In 2025, collaboration between VeenIX, and Rijkswaterstaat further intensified as part of the project's ambition to reduce CO₂ emissions and advance circular construction practices. Joint efforts under the **CO₂ Performance Ladder** framework—where VeenIX holds Level 5 certification—have supported significant reductions in Scope 1, 2, and 3 emissions through measures such as switching to green electricity and minimizing diesel use through electrified equipment.

Stakeholder interaction remains a fundamental pillar for VeenIX, reinforcing transparency, sustainability, and collective well-being. In 2025, **Rijkswaterstaat invited VeenIX to participate in the Procura+ CityMatch with other partners along with the CO₂ Performance Ladder**, as a leading example of circularity in Dutch infrastructure, emphasizing the reuse of materials to lower environmental impact.



D. PARTICIPATION

FCC Construcción integrates its stakeholder and due-diligence policy into the A9 BaHo project through continuous engagement with public authorities, local communities, technical experts, and supply-chain partners. This collaborative approach ensures that expectations and concerns are understood, while also fostering innovation in sustainable engineering solutions across the project lifecycle.

A notable circular innovation in 2025 was the extensive partnership with **Renewi** and **Heidelberg Materials**, enabling high-value concrete recycling. Renewi processed **40,000 tonnes of concrete rubble** from the demolition of A9 viaducts, producing certified concrete granulate and recycled sand of sufficient quality to be incorporated back into new A9 structures. This advanced recycling process reduces reliance on primary raw materials such as virgin sand, gravel, and cement—key contributors to CO₂ emissions in concrete production.

One remarkable outcome of this partnership is the construction of a new A9 viaduct using **washed recycled sand** and concrete granulate extracted from the old demolished viaducts, demonstrating how circular concrete can be successfully used in structural applications. The project represents a significant step toward a fully circular concrete chain and showcases how cooperation across the supply chain can drastically reduce the environmental footprint of major infrastructure works.

