

Date: 30/04/2025
Version: 1.0
Author: Ana Rueda San Narciso

FCC CONSTRUCCIÓN COMMITMENT TO SUSTAINABILITY

FCC Construcción has published, once again, its [Sustainability Report](#) for the years 2023-2024, 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

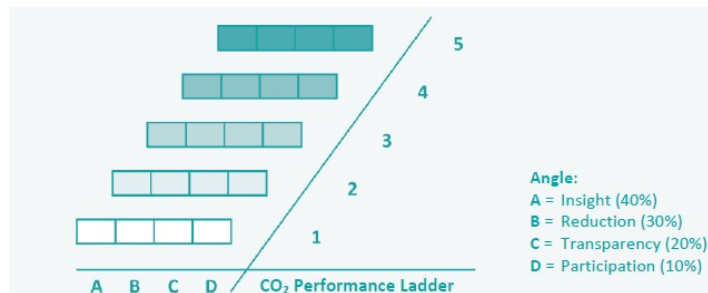
The CO2 performance ladder (CO2PL for short) is a tool designed to help organizations promote sustainability and reduce their CO2 emissions across their operations and supply chain. It consists of 5 levels, with the first 3 for the organization internally and 4-5 externally. Achieving a higher level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



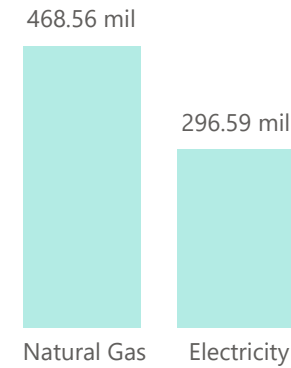
PROGRESS IN 2024

A. Insight

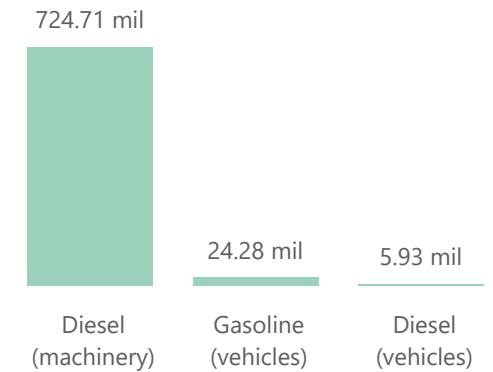
A periodic insight into CO2 emissions, and a package of measures to achieve reductions form the foundation of the ladder. In practice, applying the CO2 Performance Ladder results in structural cost savings within the organization and on projects. The methodology of reporting and calculating the CO2 emissions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

INSIGHT INTO THE ENERGY FLOW

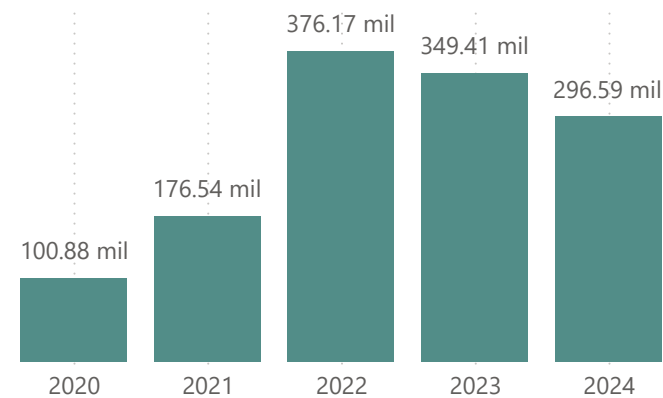
Energy Consumption 2024 (kWh)



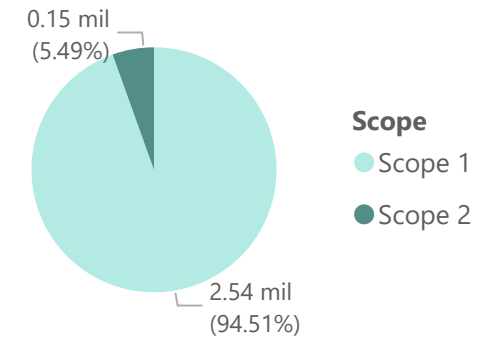
Energy Consumption 2024 (liters)



Electricity Consumption 2020-2024 (kWh)



Scope 1 and 2 CO2 Emissions 2024



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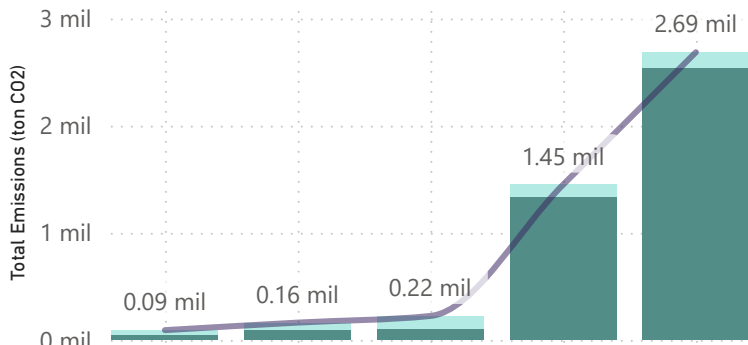
PROGRESS IN 2024

A. INSIGHT

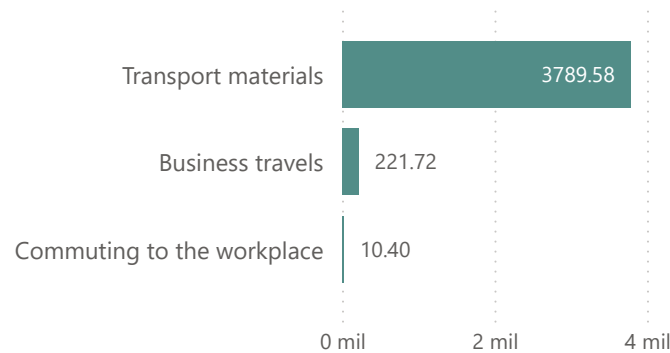
A periodic insight into CO₂ emissions, and a package of measures to achieve reductions form the foundation of the ladder. In practice, applying the CO₂ Performance Ladder results in structural cost savings within the organization and on projects. The methodology of reporting and calculating the CO₂ emissions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

SCOPE 1 AND 2

Scope 1 Scope 2 Total Emissions (ton CO₂)



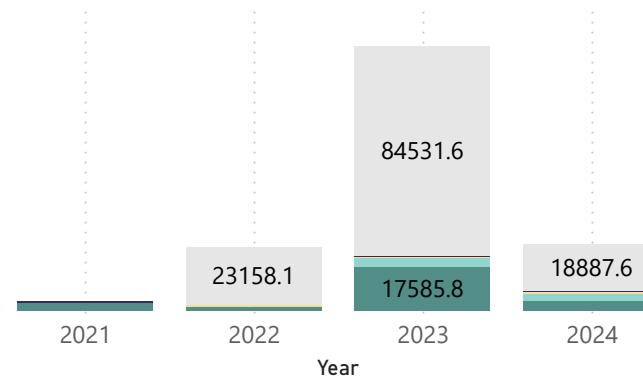
Transport emissions (CO₂ eq tons)



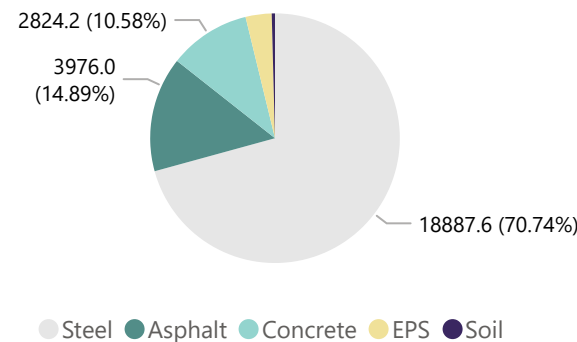
SCOPE 3

Scope 3 Emissions per material type

Asphalt Concrete EPS Soil Steel



Scope 3 Emissions per material type 2024 (%)



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).

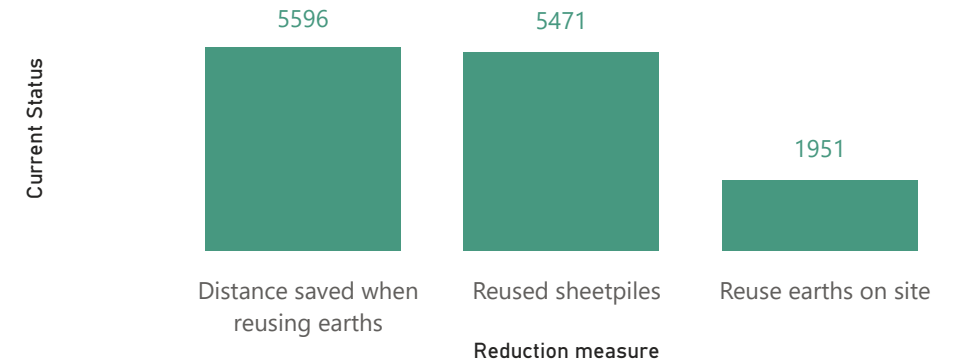
The reduction targets for the A9 project based on the scope are the following:

- 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

The company is putting all efforts in both implementing sustainable good practices in the project and gathering all the information to know the real impact of the measures. The measures which are already implemented and with their impact quantified can be seen in the graph below. Some other in progress actions are to quantify the real impact of using asphalt with high percentages of reused material, the reuse of beams, and the reuse of the demolish concrete as mix granulite for the project.

Implementing and getting the information is a continuous process, which is still in 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 2024)



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PROGRESS IN 2024 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

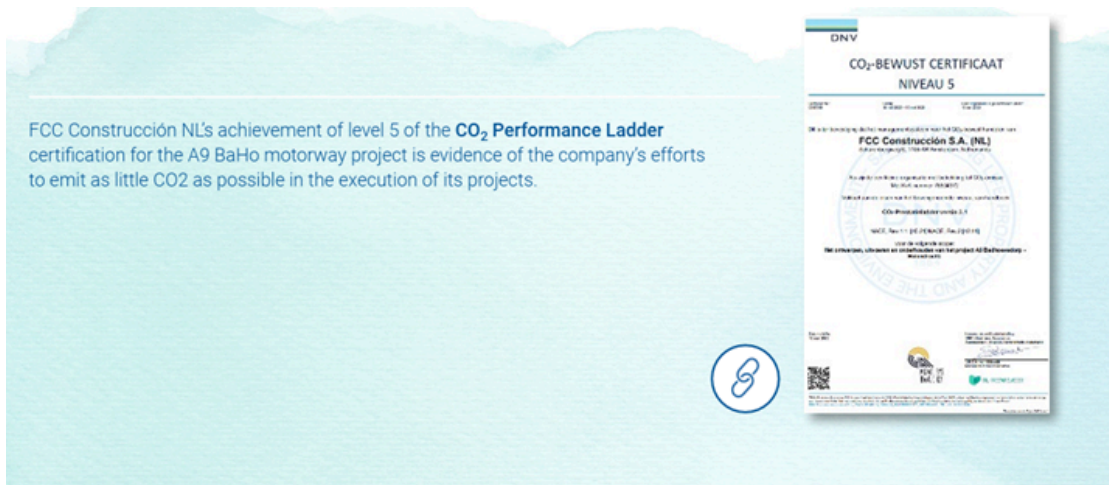
Participating with other parties within the sector or the value chain yields innovation. When looking beyond the company boundaries, new opportunities arise. A problem is highlighted from different angles, creating effective solutions and expertise.

Interaction with stakeholders is a fundamental aspect of FCC Construcción and VeenIX, as an ongoing commitment to sustainability and collective well-being.

Recognising and managing the needs, expectations and concerns of these groups is crucial to building strong relationships and promoting a positive impact on the community and the environment in which the company operates.

FCC Construcción integrates its policy with stakeholders and due diligence in projects like the A9 BaHo in the Netherlands through a comprehensive approach that emphasizes transparency, collaboration, and adherence to international standards. The company engages with stakeholders, including local communities, government agencies, and business partners, to ensure that all voices are heard and considered throughout the A9 BaHo project lifecycle.

One remarkable project developed recently by the A9BaHo project, is the application of [reused sand in structural concrete along with Renewi and Heidelberg](#).



In opdracht van Rijkswaterstaat werkt consortium VeenIX aan de verbreding en verdiepte aanleg van de A9 tussen de knooppunten Badhoevedorp en Holendrecht. Hierbij is een belangrijke circulaire mijlpaal bereikt: voor het eerst in Nederland wordt gerecycled zand toegepast in constructief beton voor nieuwe A9-viaducten afkomstig uit de sloop van twee A9-viaducten. Dit is mogelijk dankzij de constante, hoge kwaliteit van het gerecyclede zand van Renewi.