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AGILIS, subsidiary of the NGE Group, and Paebbl announce partnership to cut the carbon footprint of infrastructure concrete

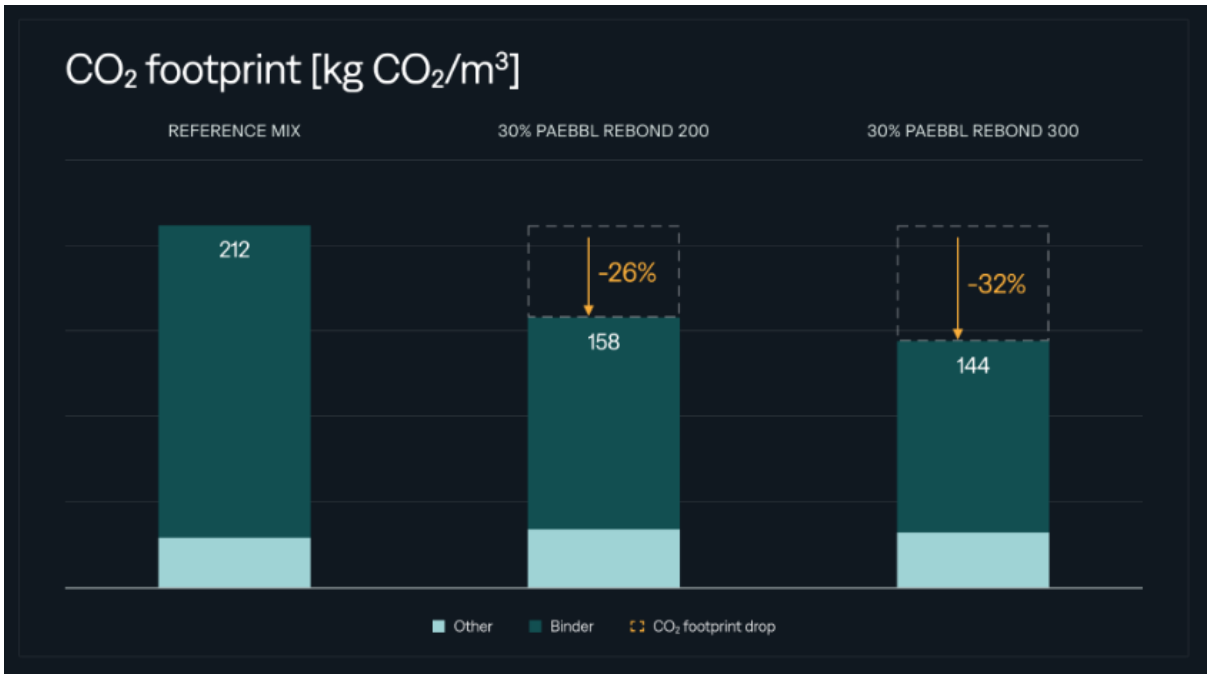
After more than a year of joint development, the partners have proven that carbon-storing materials perform in one of the industry's most demanding applications, with an embodied carbon reduction of 28% on an unchanged mix design.



AGILIS, the French company specialising in road equipment and urban development and Paebbl, the Stockholm-headquartered producer of carbon-negative building materials, today announced a partnership to reduce the carbon footprint of concrete infrastructure.

NGE's engineering teams are tasked with reducing the carbon footprint of their structures by at least 30 per cent by 2030. AGILIS, the NGE Group subsidiary, integrated Paebbl's supplementary cementitious material (SCM) into its existing, proven formulations. The formulation studies and testing campaign were performed through a close collaboration between NGE's Concrete Research Department and ATCM, NGE's wholly owned materials laboratory.

The comparison is direct: the same formulation, with and without Paebbl. (Example made on Rebond 200 and Rebond 300, the latest product of Paebbl Rebond series)



Trials pushed replacement rates further still, and AGILIS teams are confident additional reductions are achievable. Because Paebbl integrates into the mix rather than replacing it, NGE retains full control and mastery of a formulation it has used and trusted for years.

The partnership's first application is already in service at the AGILIS concrete batching plant near Paris-Charles de Gaulle airport, installed in April 2026. Slipform concrete is a stiff, dense, low-workability mix that is notoriously resistant to modification, making it one of the hardest applications in the industry to decarbonise. It is the first time a carbon-storing SCM has been used in this application anywhere in the world.

Both companies share a conviction that decarbonisation claims must survive scrutiny across the full production lifecycle. Paebbl's material is produced by accelerating natural mineralisation: CO_2 from industrial capture sources is chemically bonded with abundant minerals such as olivine, permanently locking the carbon into solid mineral form. What nature does over centuries, Paebbl's process achieves in a couple of hours.

The verified EPD for the product indicates a net carbon footprint of -149 kg CO_2e per tonne within the scope defined by the life cycle assessment, including production energy and logistics. It is not a gross storage number with the manufacturing footprint left out.

Christophe Chevalier, Technical Director, AGILIS :

« We're so happy to be collaborating with Paebbl. We added Paebbl's material in a way we control and master, and performance was equivalent, in some respects superior. Our teams have built real expertise with this material, and we know how to deploy it on future projects at AGILIS and across the NGE Group. »

Ana Luisa Vaz, VP Product, Paebbl :

« We've worked with NGE on one of the hardest applications to decarbonise, our materials have exceeded performance expectations, which show once again that carbon-storing materials is a solid replacement option for cement in concrete mixes. Thanks to our manufacturing process, the carbon accounting that holds up and this rigour is exactly what this industry needs to decarbonise faster. »

About AGILIS and the NGE Group

A subsidiary of the NGE Group, AGILIS is a leading player in road equipment and site development operating throughout France. Through its expertise, AGILIS contributes daily to enhancing safety and developing local areas.

NGE – New Generations of Entrepreneurs – the fourth largest construction group in France, builds major infrastructures and urban or local projects. With its expertise in financing, design, construction maintenance and operations, the Group is a key player in delivering infrastructures that address the economic and ecological challenges of the territories. Its entrepreneurial drive is supported by a strong employee ownership structure (the founders, management, and employees hold 72% of the Group's capital) reinforced by Montefiore Investment, a leading French investment first (28% of the capital). With a turnover of 5 billion euros, NGE operates in about 20 countries, supporting private and public clients in financing, designing, and building their transition projects in water, mobility, urban renovation, energy, and telecommunications. NGE's 25,000 employees are proud to contribute to building infrastructures that change the world.

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About Paebbl

Paebbl is an industrial resilience company making the built environment more future-proof by converting CO_2 into carbon-storing building materials. Founded in 2021 and operating across London, Rotterdam, Helsinki and Stockholm, Paebbl accelerates natural mineralisation, achieving in a couple of hours what nature takes centuries to complete.

