

## **PRESS NOTE**

### **NEW GENOA BREAKWATER: THE INFRASTRUCTURE THAT TRANSFORMS THE PORT TAKES NEW STEPS FORWARD**

#### **TENTH CAISSON SUNK AND FIRST HALF OF COLUMNS NOW COMPLETED, WITH 34,000 COLUMNS BUILT UP TO A DEPTH OF 50 METRES**

*Genoa, June 29, 2025* – The construction of the New Genoa Breakwater marks further progress: the tenth caisson of the breakwater, built by the PerGenova Breakwater Consortium led by Webuild on behalf of the Western Ligurian Sea Port Authority, has been built and sunk. In recent days, the milestone of constructing over 34,000 gravel columns on the seabed of the coast of the city has also been reached, equalling 406,000 linear metres: i.e. well over half the total length planned for the project.

Work will soon begin to prefabricate the larger caissons, which are up to 67 metres long, up to 35 metres wide and up to 33.7 metres high. These will be built inside the "Tronds Barge 33" prefabrication dock in Vado Ligure.

A significant milestone is the completion of the first half of the columns in the open sea, at depths of between 25 and 50 metres. Up to 13.5 metres high and with a diameter of 110 cm, the columns are fundamental structures for improving the stability of the caissons and the settlement of the ground on which the dam will rest. They are made from the layer created by over 2.2 million tonnes of gravel laid on the seabed, to date, most of which comes from Spain.

The technique used to build these columns is the top feed method one, which employs 8 vibroflot devices, needle-shaped instruments measuring over 20 metres in length, powered by jets of pressurized water to break and penetrate the natural soil. The vibroflots are lowered from above and gradually inserted into the seabed, creating walls into which gravel falls through vibrations and is then compacted. Operations are currently being carried out using three pontoons, one of which is over 150 metres long, equipped with cranes measuring up to 40 metres in height.

The technically challenging project currently involves a total of over 450 people, including direct and third-party personnel.

The New Breakwater is a crucial infrastructure for the Port of Genoa: it will allow access to ships up to 400 metres in length, strengthening the role of the Ligurian port within the Rhine-Alps Corridor of the TEN-T network, in synergy with the Terzo Valico dei Giovi One Project - Genoa Junction, which is also being built by Webuild. The project enhances the competitiveness of the port while paying close attention to environmental sustainability.

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*Webuild is a global leader in the design and construction of large, complex infrastructure projects in sustainable mobility, hydropower, water treatment, and green buildings. A recognized leader in the water sector, it works in approximately 50 countries with over 92,000 people of 125 different nationalities. The Group boasts nearly 120 years of applied engineering on more than 3,700 completed projects, with a track record of 13,648 kilometres of railways, 891 kilometres of metro lines, 82,577 kilometres of roads and highways, 1,022 kilometres of bridges and viaducts, 3,462 kilometres of tunnels, and 318 dams and hydropower plants. Among its most famous projects: the expansion of the Panama Canal, the Long Beach International Gateway bridge in California, the Third Bosphorus Bridge in Turkey, the Sydney Metro Northwest skytrain viaduct and bridge, the Kingdom Centre skyscraper in Riyadh, Saudi Arabia, and numerous metro lines in Copenhagen, Paris, Rome, Milan, Naples, Doha, Thessaloniki, and Riyadh. Among the main ongoing projects, the following stand out: the New Genoa Breakwater, the Brenner Base Tunnel, the Pedemontana Lombarda Highway, Line C of Rome's metro network, the high-capacity railways between Genoa and Milan, the high-speed railway between Naples and Bari, the Palermo-*



*Catania-Messina high-capacity railway, the Snowy 2.0 hydropower scheme in Australia, and the Trojena dam network in Saudi Arabia. As of December 31, 2024, the Webuild Group registered total revenues for €12 billion and a total backlog of €63 billion, with more than 90% of its construction backlog related to projects linked to the United Nations Sustainable Development Goals (SDGs). Webuild, subject to the direction and coordination of Salini Costruttori S.p.A., is headquartered in Italy, is listed on the Milan Stock Exchange, Borsa Italiana (WBD; WBD.MI; WBD:IM), and since 2021, it is included in the MIB ESG index of the Italian blue-chip companies with the best ESG practices.*

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