

PRESS RELEASE

COPENHAGEN:

THE QUEEN OF DENMARK INAUGURATES METRO LINE BUILT BY SALINI IMPREGILO, ONE OF EUROPE'S BIGGEST SUSTAINABLE MOBILITY PROJECTS ENTERS ITS SERVICE

MILAN, September 24, 2019 – Copenhagen's new metro, built by Salini Impregilo, will be inaugurated on Sunday, September 29 by Queen Margrethe II of Denmark, accompanied by members of the royal family, Danish Prime Minister Mette Frederiksen, Transport Minister Benny Engelbrecht, Copenhagen Mayor Frank Jensen and Salini Impregilo Chief Executive Pietro Salini.

Built in just eight years, a record for projects of its kind in Europe, Cityringen offers another dimension to mobility. Its circular shape (the line encircles the city centre, intersecting other metro lines and bus routes) and transport services provide a unique way to travel within Copenhagen. Thanks to a frequency rate of 80 to 100 seconds between each train, the metro line will be able to transport up to 72 million passengers a year, contributing to Copenhagen ambitious efforts to become the world's first carbon neutral capital by 2025.

"We are happy to have supported the Danish government in the development of a project that represents a model for the sustainable mobility in the world," says Pietro Salini. "Cityringen is a smart metro, whose construction was a unique challenge from an engineering perspective, which constantly put us to the test to overcome complexities related to the management of such a vast public work in a city like Copenhagen with its historic buildings to protect and the duty to reduce to a minimum the inconveniences caused to local residents during its construction."

Commissioned by Metroselskabet, the public entity responsible for the city's metro network, Cityringen comprises two parallel tunnels, each 15.5 kilometres long, that run underneath the historic centre in the so-called bridge district and under the nearby municipality of Frederiksberg. Cityringen has 17 underground stations, some as deep as 30 metres. One of the biggest challenges was to build under the foundations of buildings of great historic value. The tunnel-boring machines, or TBMs, excavated under shopping areas and stations for a combined 31 kilometres, often times through complex geological formations. They arrived at only 1.5 metres under the foundations of Magasin du Nord, the department store famous in Denmark and a historic landmark in Copenhagen.

The trains are automatic and driverless, with a frequency rate that rises at peak hours. By expanding the network of interchanges, people will be able to move by foot, bike or public transport for 75% of their journeys about the city. With Cityringen, 85% of residents will be within 600 metres – 10 minutes on foot – to a metro or train station.

In addition to safety and technology, one of the key aspects of the construction of Cityringen was the involvement of the city's residents, who were invited to participate in more than 40 events held at various worksites. On other occasions, these worksites also welcomed more than 65,000 visitors, making the project an endeavour that was shared with the city from the very beginning.



Salini Impregilo is one of the major global players in the construction of large, complex civil infrastructure. It is a leader in the water sector such as dams and water treatment plants, as well as transport, where it is involved in the biggest sustainable mobility projects in rail and metro systems. Its record includes some of the world's most iconic projects in bridges, roads and motorways, civil and industrial buildings, and airports. The Group has 113 years of engineering experience on five continents, with design, engineering and construction operations in nearly 50 countries and more than 35,000 employees from more than 100 nationalities. It is a signatory of the United Nations Global Compact as it pursues the sustainable development goals of its clients, from clean water and energy to sustainable mobility to buildings with a low environmental impact. Its expertise is displayed in projects such as the Grand Paris Express metro system, Cityringen in Copenhagen, Sydney Metro Northwest, Red Line North Underground in Doha and Line 3 of the Riyadh Metro. Other projects include the expansion of the Panama Canal, the Rogun hydroelectric dam in Tajikistan, the Anacostia River and Northeast Boundary tunnels in Washington, D.C. and the Al Khor 2022 World Cup stadium in Qatar. In 2018, new orders totalled €6.0 billion, with a total backlog reaching €33.4 billion. Salini Impregilo Group is headquartered in Italy and is listed on the Milan Stock Exchange (Borsa Italiana: SAL; Reuters: SALI.MI; Bloomberg: SAL:IM).

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