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PRESS RELEASE

## Premier of the World's First Self-driving Passenger Ferry in Stockholm, Sweden – Powered by 5G & IoT Connectivity from Tele2



**Stockholm – Tele2 AB (“Tele2”) (Nasdaq Stockholm: TEL2 A and TEL2 B) connects the world's first autonomous passenger ferry with 5G. Today, the world's first commercial autonomous passenger ferry is inaugurated in Stockholm, Sweden. The innovative and sustainable transportation solution is connected with 5G and IoT from Tele2. "This is an excellent example of how 5G enables new digital solutions that can be used to contribute to society." – Linda Ekener Mägi, Business Developer at Tele2.**

Via 5G connectivity from Tele2, Stockholm residents and visitors will be able to travel on the world's first self-driving passenger ferry from today. The ferry, named M/S Estelle, has both a lower environmental impact and is more cost-effective than conventional ferries. Tele2 delivers 5G-based IoT connectivity with extremely high speed, high reliability, and ultra-low latency, that enables the ferry to be operated autonomously.

*– M/S Estelle is a good example of how, with the help of 5G, we can create new values and contribute to the development of society. With the help of 5G, it is possible to use new services and solutions that were previously not possible, as in this case with new forms of transportation. It is fantastic to be part of an innovative sustainable transportation solution and exciting to see how 5G and IoT combined can revolutionize the way we travel in the future, says Linda Ekener Mägi, Business Developer at Tele2 B2B.*

The ferry has a large number of IoT sensors and control systems onboard, and data is continuously sent to the cloud, which requires reliable, high-capacity connectivity. At the launch, there will be a crew on the ferry, but the ambition is to drive completely autonomously and to control remotely.



– In order to be able to drive completely autonomously, we need to use a technology that is safe and can quickly react to changing conditions and obstacles on the water. We therefore chose an IoT solution connected to 5G. The next step is to launch ferries in more cities globally and there we hope to continue to cooperate with Tele2 IoT, which has a global connectivity footprint, in the same way as we do here in Stockholm,” says Carl Petersson, Autonomy Engineer, Zeabuz.

**M/S Estelle** will operate in the quay area below Münchenbryggeriet on Söder Mälärstrand and over to Kungsholmstorg in central Stockholm. The ferry is fully electric and has a capacity of 200 kWh, which is almost enough for a full day's operation. In addition, the ferry is equipped with solar panels on the roof that act as efficient range extenders and deliver up to half of the total energy consumption.

*Benefits of 5G for autonomous vehicles:*

- 5G contributes with high speed, low delay, reliability, positioning and, above all, security. This with wireless technology, all in the same system.

- Tele2 covers large parts of Stockholm County with 5G. In 2023, the rollout of 5G has intensified.

5G enables innovations and new digital solutions that can be used to contribute to society. The development of self-driving vehicles is moving forward and requires safe and reliable technology.

### Information to editors

Press release from May 30, 2023 (in Swedish): [Över 1.2 miljoner stockholmare har nu tillgång till Tele2s 5G-nät](#)

### About Tele2 IoT

Tele2 IoT helps organizations connect their physical devices using the mobile networks, their own – or a roaming partner's network. Every organization's IoT journey is unique, but reliable connectivity is a must as the foundation of any IoT solution, and this is where Tele2 IoT is an expert.

Here's everything you need to know about Tele2 IoT [Global IoT Connectivity Provider - Tele2 IoT](#)

### For more information, please contact:

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Tele2's purpose is to *enable a society of unlimited possibilities*. Ever since Tele2 was founded in 1993, we have continued to challenge prevailing norms and dusty monopolies. Today our networks enable mobile and fixed connectivity, telephony, data network services, TV, streaming and global IoT solutions for millions of customers. We drive growth through customer satisfaction and smart combined offerings. Tele2 has been listed on Nasdaq Stockholm since 1996. In 2022, Tele2 generated revenue of SEK 28 billion and reported an underlying EBITDAaL of SEK 10 billion. For latest news and definitions of measures, please see our homepage [www.tele2.com](http://www.tele2.com)

