



News from Port of Gävle

CEO Fredrik Svanbom:

An eventful year is nearing its end and we have achieved our goals in next to all activities we have undertaken and the work on increasing the capacity of the port is proceeding.



In June 2018, the government presented a national transport strategy where one of the goals was to transfer a higher percentage of goods from road to shipping. This is a view that we naturally share both in terms of efficiency and sustainability. The climate challenge we all face in the transport sector, means that the transport system needs to be streamlined and fossil fuels need to be phased out. At the same time as increased volumes of goods are expected. Shipping is energy efficient and the sea ways are there, ready to be used. Port of Gävle meets the demands of goods as well as the climate challenges by increasing the capacity of the port, primarily within the container segment. The quay construction for the new container terminal is underway and is expected to be completed next year. The entire terminal is expected to be operational during 2021. Next to the terminal the construction of an automated paper handling warehouse (CFS paper warehouse) is also being built, that will enable increased competitiveness for the region's paper industry.

Port of Gävle's participation and work on the Efficient Flow project has been intensive and we are now beginning to see the end product that will enable more efficient vessel calls with both cost and environmental savings as a result.

To further meet the climate changes Port of Gävle will initiate a study that will be ongoing in 2020 and we hope to find forms of collaboration with actors in ports, shipping and beyond, for increased sustainability and energy optimization. More info on this in upcoming letters.

Port of Gävle has also been internationally present through participation in the large logistics fair in Munich and logistics fairs and market research for the development of timber in containers in northern Africa. During the autumn we also participated in the logistics fair in Gothenburg.

Much of what we do can be followed on our website, Instagram and facebook. We are now also on LinkedIn - so please follow us there as well.

When summarizing the year that has been, it has been strongly influenced by the large investments in expansion and building. However, all the work in large and small, internally and externally, has contributed to Port of Gävle's continued development. I would like to thank our employees, customers and partners for enabling Port of Gävle to continue to develop into the region's most important logistics hub.

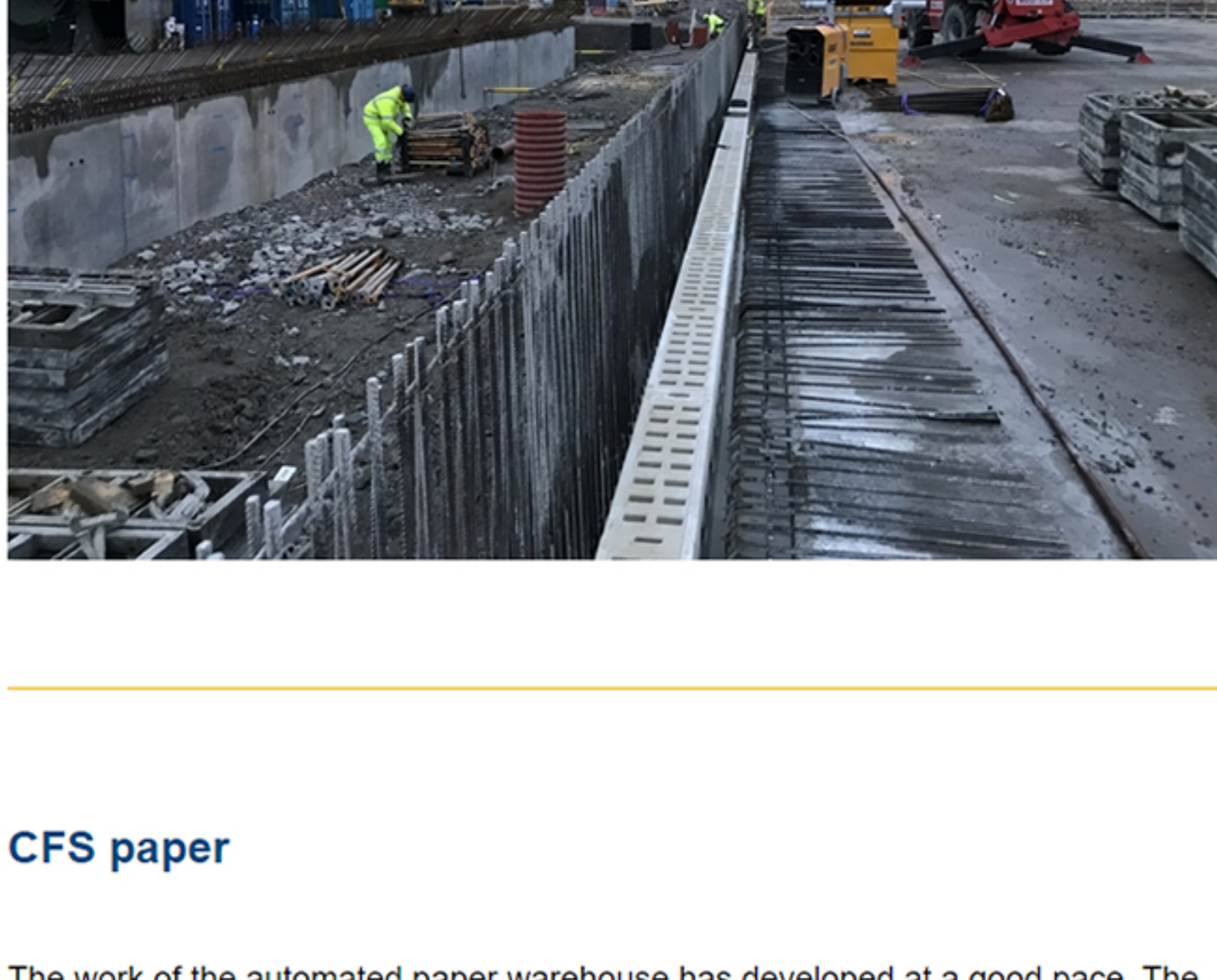
The new container terminal

Exactly one year ago the construction of the new container quay started. The entire foundation of the total of 650 drilled, 500 mm heavy steel piles, which form the foundation of the seafront beam down to about 20 meters depth, is ready. The work has gone according to plan and the piles' tough tolerance requirements of + -25 mm lateral movement are met.

On top of the piles, the seaside crane beam must be cast, which is by far the most complicated part of the entire project. The entire seafront crane beam is 4.5 m high and about 3 m wide, of which about 2 m of the foundation is below the water surface and thus the work must be carried out under water. The existing quay also causes challenges as it makes access even more difficult. Despite the challenges, 122 m of the total length of 360 m has now been completed.

Work on the crane foundation on land has been considerably simpler. All work has been done above the water surface and the contractor has had full accessibility as no existing structural parts collided. The crane foundation on land has been completed.

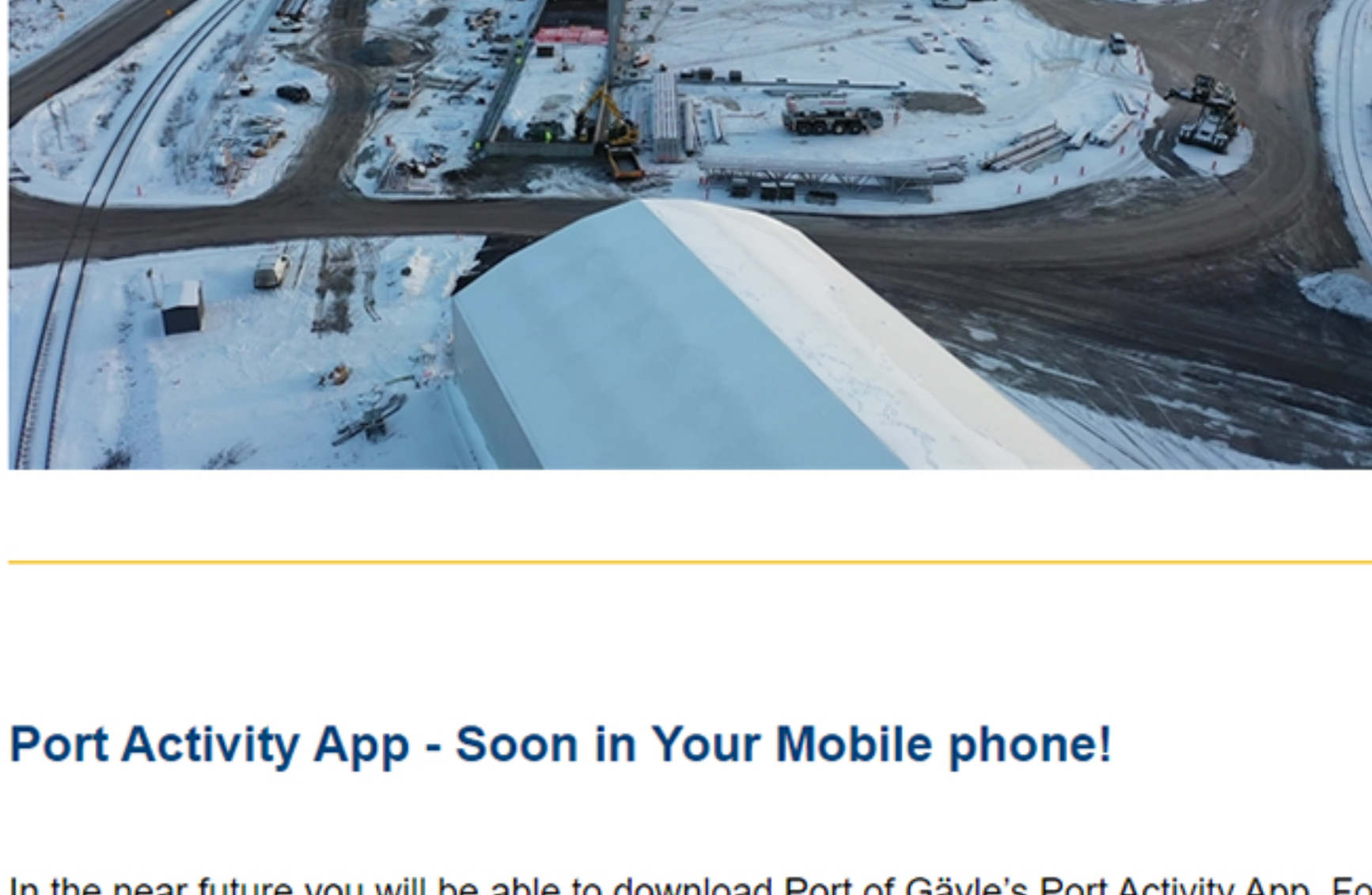
The entire quay is expected to be completed in spring 2020.



CFS paper

The work of the automated paper warehouse has developed at a good pace. The cast concrete slab floor for the entire magazine of about 11,000 m² is ready. The work of raising the steel frame is underway and before christmas the entire outlines of the magazine is finished. CFS-paper magazine will be the highest magazine in the port with its mighty 25.2 m above ground level.

The high-tech equipment with 2 fully automated 40m traverse cranes, as well as loading and unloading rollers, is expected to start being mounted in the spring of 2020. The entire magazine will be handed over to terminal operator Yilport, in August 2020.

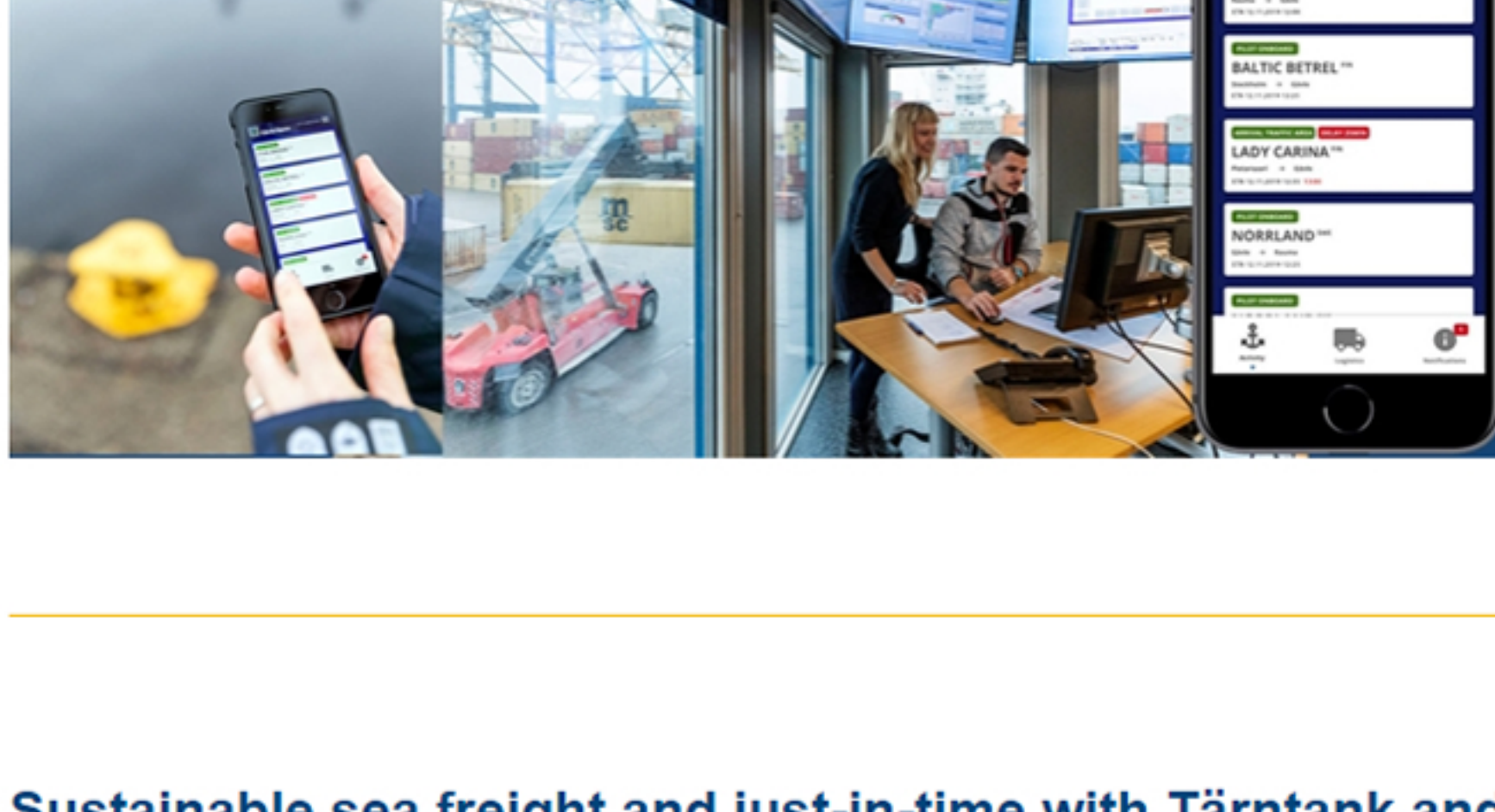


Port Activity App - Soon in Your Mobile phone!

In the near future you will be able to download Port of Gävle's Port Activity App. For two years, Port of Gävle has been working to create a digital platform for the exchange of information between everyone involved in a port call. The purpose is to increase the efficiency of the port operators by communicating arrival times and departure times, etc. for ships. Through the app, the vessel docking process will be streamlined and, thus, we hope to increase the competitiveness of shipping and contribute to less environmental impact through customized and planned port calls.

The development of the app is part of a major EU project, Efficient Flow, which, in addition to Port of Gävle, also includes Port of Rauma, the Swedish Maritime Administration and others. By designing and creating a new modern solution with an open source app, a scalable and cost-effective solution is available for ports in Sweden and Finland. Port of Gävle hopes that the project will inspire other ports to implement similar solutions and thus contribute to a sustainable shipping in a larger perspective.

Unikie, a Finnish software company that specializes in artificial intelligence and software for autonomous vehicles, is working intensively during the winter to develop the software for the app. In the spring of 2020, the first test version will be available for downloading by selected people working in the port. Full-scale implementation is expected by the end of 2020.



Sustainable sea freight and just-in-time with Tärntank and Preem

In order to achieve sustainable sea transport between Port of Gävle and the previous port, Tärntank, Preem and Port of Gävle have taken a joint initiative for a spin-off project to the Port Activity App. The work aims to reduce fuel consumption during the voyage by better preparing for arrival at the port.

The "just-in-time" project is briefly about introducing slot times instead of the "first come, first served" principle that applies more or less all over the world. This means that the vessels drive at full speed and then lie for anchor and wait. If the vessels instead could get a fixed arrival time in the port, they can drive slower and avoid waiting. The shipping company saves fuel, the goods owner does not have to pay overtime when the ship is waiting, and the port receives less emissions.

Through the initiative, Port of Gävle hopes to create an opportunity for customers to make sustainable choices and thereby contribute to the development of sustainable shipping.



Port of Gävle's Exhibition

In order to create awareness of the importance of the port in Gävle, an exhibition has been moved around on different central locations in the city for exactly one year. The exhibition highlights the volume of import and export that pass through Port of Gävle every day. It also highlights the number of jobs generated here and the environmental impact of shipping. 365 days after "unveiling" and over half a million viewers later, the tour ends. Now it has made its way "home" to the port. So if you want to visit the exhibition you are welcome to come here.

We would like to say a big thank you to the places that provided space for the exhibition, with the knowledge that we must make the information about our fine and important port available for the public. Thank you!



Merry Christmas and a Happy New Year

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