

Alstom has been present in Denmark for **20 years**, having sold **over 600 trains** in the country, as well as **world-class signalling solutions**. In Denmark, Alstom is currently delivering the ERTMS signalling solutions for Banedanmark for Trackside in Eastern Denmark, and for train onboard equipment nationwide. In June 2021, Alstom won the **largest railway contract in the history of Denmark** for the supply of at least 100 Coradia Stream trains along with 30 years of maintenance. This new fleet will function as a regional and intercity railway across Denmark.



KEY FIGURES

220

Employees

624

Trains sold

2

Depots for installation of ERTMS Onboard equipment

1st

First worldwide tests of ETCS level 2 baseline 3 application in 2018



SIGNALLING

- In 2018, Alstom set a **new national railway speed record** of 255 kph during a ERTMS test on the Copenhagen to Ringsted line
- In 2019, Denmark opened the **first line equipped** with ERTMS Alstom solutions for both trackside and onboard (trains) equipment. The fully integrated Traffic Management System is also delivered by Alstom.
- Ongoing delivery of Atlas, Alstom's ERTMS-based signalling solution to Banedanmark, the Danish railway infrastructure owner, replacing the existing trackside signalling system in the Eastern part of Denmark, as well as installing new on-board ERTMS equipment of the entire Danish fleet
- The signaling project in Denmark is being delivered in cooperation with Alstom teams based in the site of Charleroi (Belgium) for Onboard, Bologna (Italy) for Trackside.



REGIONAL TRAINS

- Order of 100 Coradia Stream to DSB (on-going)
- Delivery of 101 Coradia Lint trains to Nordjyske Jernbanen, Arriva, Lokalbansen, Regionstog and Vestbansen.
- Delivery of 136 S-trains to DSB
- Delivery of 96 Flexliner/IC3 to DSB
- Delivery of 44 Flexliner/IR4 to DSB
- Delivery of 34 Contessa/OUT to DSB
- Delivery of 113 Dosto to DSB

CORADIA STREAM, THE FUTURE TRAIN FOR DENMARK: IC5

- The Coradia Stream is an electric train that combines innovation, sustainability and high passenger comfort.
- Alstom will deliver the first Coradia Streams to Denmark in 2025.
- DSB has ordered a minimum of 100 new train sets from Alstom and Alstom will be responsible for the maintenance of the trains as well.



DELIVERING WORLD CLASS SIGNALLING SOLUTIONS



- Delivering Trackside ERTMS signalling solutions in the Eastern region of Denmark, on 12 intercity and regional lines in Zealand and Fyn, which cover half of the country. This railway network consists of almost 800 km-long double track lines and 90 stations. The contract signed in 2012 also includes 25 years of maintenance
- Delivering Onboard ERTMS equipment for the entire Danish fleet of approximately 350 regional trains, locos and yellow machines, of 16 different types
- Delivering Onboard ERTMS equipment for 111 X31 regional trains running in the South of Sweden, and Eastern Denmark. The solution features an integrated dual system enabling the trains to run on legacy lines as well as on lines newly equipped with the ERTMS Level 2 system both in Sweden and Denmark

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