

Alstom has been present in Denmark for **20 years**, having sold **over 500 regional 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 On-board equipment nationwide. In June 2021, Alstom won the **largest railway contract in Denmark's history** to supply 100 Coradia Stream trains along with 15 years of maintenance. This DSB's new fleet will operate as a regional and fast rail and connect Denmark's Frederikshavn region in the north to Rødby in the southeast



KEY FIGURES

200

Employees

524

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 Trackside installation test on the Copenhagen to Ringsted line
- In 2019, Denmark opened the **first line equipped** both ERTMS trackside, Onboard signalling solutions and a fully integrated Traffic Management System from 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
- Installation of ERTMS Onboard equipment at a local depot in Langå
- 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, and Stockholm for global solutions

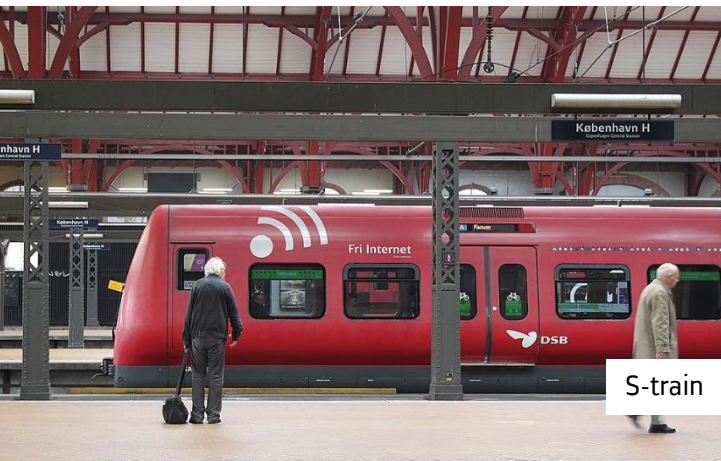


REGIONAL TRAINS

- 100 new Coradia Stream trains** to be delivered to DSB
- A total of 524 trains already sold in Denmark
- Delivery of 97 Coradia Lint trains to Nordjyske Jernbanen, Arriva, Lokalbanen, Regionstog and Vestbanen (Esbjerg). An additional 4 trains to be delivered in 2021
- 136 S-trains to DSB
- 96 Flexliner/IC3 to DSB
- 44 Flexliner/IR4 to DSB
- 34 Contessa/OUT to DSB
- 113 Dosto to DSB

A total of 524 trains sold in Denmark

- In Denmark, Alstom is currently delivering the ERTMS for Banedanmark for Trackside in Eastern Denmark, and for Onboard nationwide
- For ERTMS Trackside, Alstom has also delivered Legacy Relay Interlocking (E80) and upgrades of regional conventional interlocking by adding LEU 2000 (Controlled ERTMS & legacy ATC2 balises)



S-train



Coradia Lint 41



DSB's "Fremtidens Tog – Nye Tog" – Trains of the Future

**Delivering 100 Trains of the Future
Delivering world class signalling solutions**



- Supply of 100 new Coradia Stream trains with a 15 years of maintenance contract. The Coradia Stream for DSB will run at a top speed of 200 km/h. Each trainset will consist of five single-deck coaches with a total seating capacity of 300 passengers
- 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. 800 km-long double track lines and 90 stations
- Delivering Onboard ERTMS equipment for the entire Danish fleet: about 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.

**FOR MORE
INFORMATION:**

Alstom
Amerika Plads 19
2100 Copenhagen E
Denmark
Phone: +45 23224492
www.alstom.com