

Alstom has been present on the Danish market for **20 years**, having sold over **200 regional trains** in the country, as well as world-class **signalling solutions**.

Alstom is well known in the Nordics for rolling stock and maintenance, but we are now **growing in signalling** and infrastructure as well, especially in Denmark.

In 2018, Alstom sat a **new railway speed record of 255 kph** during a ERTMS Trackside installation test on the Copenhagen to Ringsted line.



## MAIN PROJECTS

- 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.
- In 2016, Alstom and Banedanmark successfully tested an ETCS (European Train Control System) level 2 baseline 3 application for the **first time ever worldwide**.

## KEY FIGURES

- **90** employees in Denmark
- Turnover 17/18 in Denmark: **€13.7 million**
- Turnover 17/18 internationally: **€7.3 billion**



Coradia Lint for Nordjyske Jernbanen

## MAIN REFERENCES

### A total of 233 trains sold in Denmark

- Delivery of 136 S-trains to DSB
- Delivery of 97 Coradia Lint trains to Nordjyske Jernbanen, Arriva, Lokalbansen, Regionstog and Vestbanen (Esbjerg)
- ERTMS equipment being installed on over 350 trains and 1,500 km of tracks



## HISTORY

- **1998** GEC Alstom Danmark A/S is established as a sales-and service company, carrying out business in Transmission & Distribution, Power Conversion, Power Generation and Transportation (later known as ALSTOM Danmark A/S).
- **1999** Alstom Power Danmark A/S is established as ABB ALSTOM Power Danmark through a joint venture with ABB.
- **2006** Alstom Danmark A/S merges horizontal with ALSTOM Power Danmark A/S, continuing to do business under the name ALSTOM Danmark A/S. The merger is effective from 1<sup>st</sup> of April 2006.
- **2008** Alstom sells trains to the private local train companies in Denmark through till year 2010.
- **2010** Alstom wins the tendering process of the signalling system in East Denmark.
- **2014** The transport department is being demerged from ALSTOM Danmark A/S into its own company ALSTOM Transport Danmark as per 1<sup>st</sup> of April 2014.
- **2015** Alstom finalises the sales of its energy activities and is from then entirely focused on transport.
- **2016** Alstom achieves a world first, with successful test of ETCS level 2 baseline 3 application in Denmark.
- **2017** Delivery of an additional 13 Coradia Lint to Nordjyske Jernbanen
- **2018** Successful installation of on-board ERTMS equipemnt on Nordjyske Jernbanen's first fleet
- **2018** Last integration tests of ERTMS Trackside installations of Roll Out 1 (RO1), the first high speed line in Denmark from Copenhagen to Ringsted.
- **2018** Early Deployment Line North opens for passenger traffic with both Alstom ERTMS Onboard and Trackside solutions installed.