# **ALSTOM IN MOROCCO**

Alstom has deep roots in Moroccan railway history. Present since a century, Alstom Morocco contributed to all major railway projects. Recently, Alstom delivered the first Citadis trams to the cities of Rabat and Casablanca, and 12 Avelia Euroduplex trains for the first Very High Speed Line in Africa. With its local experts team and its highly qualified suppliers ecosystem, Alstom Morocco succeeded to position the country as a worldwide recognized industrial base namely in the field of railway cabling through its industrial plant In Fez. It is this heritage that has allowed Alstom Morocco to make a significant contribution to Morocco 'rail industry development.



KEY FIGURES	
500	EMPLOYEES
8	SITES (All over the country)
1	IINDUSTRIAL CABLING PLANT

#### **VERY HIGH SPEED LINE**

**12 "Avelia Euroduplex"**: ONCF chose Alstom Avelia Euroduplex to provide modern, comfortable and high-quality service for the first very high speed line in Africa linking Tangiers to Casablanca.

#### **TRAMWAYS**

**256 "Citadis Tramway" for Rabat & Casablanca**: Alstom's Citadis is the reference for modern urban eco mobility solutions and is at the core of multiple city renewal projects.

#### LOCOMOTIVES

**50 Prima locomotives:** ONCF choose Alstom Prima locomotives for its modular platform designed to provide operators the most suitable solutions for freight, passenger and mixed services

## **SIGNALLING**

**1,310 km using Alstom SIG solutions**: Alstom fluidifies and ensure mobility security thanks to innovative signalling and information systems for urban and mainline

#### **MAINTENANCE**

**Maintenance of 47 locomotives for ONCF:** Alstom is global leader in Maintenance, Modernisation, Digital services, Parts, Repairs & Overhauls. Present in all phases of the product life, Alstom service solutions can optimise the total cost of ownership (TCO) of the trains and overall transport systems.

**Alstom has signed a protocol** with the Moroccan railway operator ONCF (Office National des Chemins de Fer) through its joint venture MALOCO (Alstom – ONCF) for maintaining the fleet of new-generation PRIMA M4 electric locomotives (30).

#### VFRY HIGH SPFFD LINE

## "Al Boraq"

 In 2010, ONCF chose Alstom for the supply of up to 12 Avelia Euroduplex that entered into commercial service in November 2018, to run on the Tangiers-Casablanca very high speed line. Up to 3 millions passengers used "Al Boraq" during the first year of operation.

## **TRAMWAYS**

Up to 100 000 passengers in Rabat / Salé & 200 000 in Casablanca are using Alstom Citadis tramways every day since there entry into commercial service respectively in 2011 and 2012. A clean mobility solution that helped to enhance passenger experience of mobility in both cities.

### LOCOMOTIVES



 Alstom has been building locomotives for over 100 years, the first electric locomotive dating from 1926. Alstom has sold more than 3,000 Prima range locomotives from which 50 to ONCF.

## **ALSTOM SITE IN FEZ**

Alstom railway cabling plant 100% dedicated to export.



- Our industrial site based in Fez, produces electrical switch boxes, cables bundles and harnesses which are mounted on Alstom rolling stock circulating all over the world. To date, we have equipped more than 20 international rail projects.
- As CSR is one of the key pillars of Alstom strategy and as per Groups commitment to be a clean and green mobility solutions manufacturer, our site is certified ISO 9001 & ISO 14001 and also RATP certification.
- References: Alstom La Rochelle (France), Alstom Reichshoffen (France), Alstom Valencienne (France), Alstom Tarbes (France), Alstom Katowice (Poland), Alstom Sesto (Italy), Alstom Barcelone (Spain), Alstom Charleroi (Belgium).



