



Alstom in Kingdom Saudi Arabia
2017

ALSTOM
Designing fluidity

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Alstom installed its first gas turbine in Saudi Arabia in 1951. Since then, Alstom's presence in Saudi Arabia has continued to grow. The Kingdom of Saudi Arabia has a long and proud history in innovative industries. Alstom has been part of that history for over 65 years, contributing to the development of the country's power and transport infrastructure. Today, being entirely focused on Transport, Alstom wants to support the Kingdom, which faces great need for infrastructure investment in terms of rail transport systems, and opportunities to develop and deliver sustainable solutions.



Full integrated metro system: Riyadh metro line 4,5,6

- Delivery of an optimised integrated metro system solution for The ADA in Riyadh, that includes: 69 Metropolis trainsets. Alstom is a part of FAST consortium.
- Urbalis signalling system
- Appitrack: the automatic track laying machine developed by Alstom quicker to build: 4 times faster than conventional methods
- Hesop, Alstom's innovative reversible substation solution to optimise energy consumption and allows the energy recovered during braking to be re-used by the network
- World largest urban transport project and 2nd world largest infrastructure project under construction with 6 lines under construction

SIGNALLING

- 80 on board signalling used in the NSR (North South Railway)

KEY FIGURES

354 employees

2 sites

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MAIN REFERENCES

- **KSA:** Riyadh metro, full turnkey system for Line 4,5,6
- **Algeria:** tramways for Algiers, Oran, Constantine & extension, Sétif, Ouargla, Mostaganem, maintenance of tramways and electrification and inter-city trains
- **Egypt:** Cairo metro, renovation, signalling & infrastructure
- **Morocco:** tramways for Rabat and Casablanca (2 batches of 74 and 50 Citadis), Prima locomotives, Morocco's RGV, electrification, signalling system, maintenance & contract to supply 12 Duplex High speed train
- **Tunisia:** Tunis tramway, electrification
- **South Africa/** Gibela: PRASA contract 600 X'Trapolis Mega passenger trains and 19 years of maintenance
- **South Africa/** Alstom Ubunye: maintenance and renovation of South African fleets (commuter train and locomotives)
- **Kazakhstan:** Locomotives freight & passenger and maintenance of passenger and freight locomotives
- **Azerbaijan :** freight locomotives



PROJECTS ONGOING

- **Dubai Metro Route 2020** is a project combining an extension of 15 km to reach Expo site and the enhancement of the existing Red Line. ExpoLink consortium, led by Alstom, delivers an optimised turnkey metro system solution that includes: civil work, 50 Metropolis trainsets, power supply, signalling, automatic fare collection, track works, platform screen doors and a three-years warranty on the whole system. Additionally the existing metro line will be upgraded (power supply, signalling systems, miscellaneous communication, Hesop and track works). Full operability of the existing line is maintained during the project.
- **Lusail Tram** is the first tram project in Qatar and second in the GCC after the Dubai Tram. Design and production of the first tramway in Qatar. 35 Citadis Tram, 4 lines, 33 km, 7 km underground and 37 stations. The Lusail tram will be powered by APS and catenary solution. Alstom is in consortium with QDVC – in charge of the civil works - to deliver the project.



Alstom KSA
Al NakheelTower – floor 13
King Fahd Road – Po box: 12907
Zip Code: 11483 Riyadh- KSA
Telephone: +966 11 562 2420
Fax: +971 4 2755666

www.alstom.com

