

Present in Malaysia for **over 20 years**, Alstom has been providing sustainable mobility solutions, ranging from urban and airport systems to signalling. The Group's presence began on the Kuala Lumpur Sri Petaling and Ampang Lines, and has expanded to include the Kuala Lumpur International Airport and Kelana Jaya LRT.

Alstom supports its customers in solving their present and future mobility needs in Malaysia with innovative and high-quality solutions, while delivering a seamless, superior passenger experience. As a committed and long-term local partner, Alstom engages in local production activities and invests in workforce training.



## KEY FIGURES

**>80** employees

**3** sites

**85%** local workforce

**374** vehicles – largest Innovia metro order globally

**#1** metro CBTC signalling solution provider



### INTEGRATED SYSTEM

- Turnkey systems for 27km of Kuala Lumpur's Sri Petaling and Ampang Lines, and 29km of rail for Kelana Jaya Line
- Fully-integrated Innovia APM 300R system, equipped with Cityflo 650, for Kuala Lumpur International Airport (KLIA)



### SIGNALLING

- Cityflo 650 system for over 100km of Line 1 and 2 of Klang Valley Mass Rapid Transit (MRT) network
- Onboard and wayside Automatic Train Protection, interlocking and train detection equipment to 'KTM' Komuter



### ROLLING STOCK

- Design and project management of 374 Innovia Metro 300 cars in delivery for Kelana Jaya Line
- Design and supply of KLIA Innovia APM 100 trains since 1998
- Diesel and electric powerful narrow-gauge Blue Tiger locomotives to KTMB



### SERVICES

- Mid-life refurbishment of 68 LRT cars for Kelana Jaya Line
- Ongoing after-sales support for Kelana Jaya Line, Klang Valley MRT Line 1 (Kajang Line) and KLIA APM



### INFRASTRUCTURE

- Upgrade of wayside electrical and mechanical system for Kelana Jaya line

## MAIN REFERENCES

Creating liveable space by delivering smart and efficient mobility solutions to and beyond Kuala Lumpur

- **Kuala Lumpur International Airport:** Long-term ongoing collaboration with Malaysia Airport Holdings Berhad since 1998, to establish and subsequently expand the KLIA Innovia APM 100 automated people mover system. Currently upgrading the KLIA Aerotrain to Innovia APM 300R trains powered by Cityflo 650 system.
- **Kelana Jaya Line:** 35 two-car Innovia Metro 200 (ART), 35 four-car Innovia Mark II ART and 14 four-car Innovia Metro 300 trains for the first fully-automated and driverless rail system, which has been serving the Klang Valley area since 1998.



- **Klang Valley MRT Line 1 (Kajang Line):** Design, supply, installation and commissioning of fully-automated Cityflo 650 control system for the 51km line in the greater Kuala Lumpur area spanning 31 stations. Also provided onboard equipment for 58 trains and 16 maintenance vehicles. Offering passengers safe and efficient travel within 90 minutes between the north-west and the south-east of the city since December 2016.
- **Klang Valley MRT Line 2 (Putrajaya Line), Phase 1:** Design, supply, installation and commissioning of service proven Cityflo 650 system and platform screen doors for Phase 1 of the 52.2km line, currently in service with 12 stations since June 2022.

## PROJECTS ONGOING

Shaping Malaysia's future of transportation with strong local content



- **Kelana Jaya Line:** 27 four-car Innovia Metro 300 trains in delivery, totalling 374 rail vehicles – one of the largest Innovia metro fleet globally to operate in Kuala Lumpur. Interior fit-out and testing of the driverless Innovia Metro 300 trains is being carried out locally. The modernised trains are energy efficient with lower operating costs, while offering comfortable and safe travel.
- **Klang Valley MRT Line 2 (Putrajaya Line), Phase 2:** Supplying Cityflo 650 system and platform screen doors for Phase 2 of the 52.2km line, with opening of the remaining 24 stations expected by early 2023.
- **Industrial Collaboration Programme:** Partners with key industry players to develop local rail expertise, such as through the Institution of Railway Signal Engineers' licensing of engineers and technicians in Malaysia, supervised by Technology Depository Agency Berhad.

### FOR MORE INFORMATION:

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