



# Media Release

## Jabodebek LRT

**19 September 2023:** Officially inaugurated by President Joko "Jokowi" Widodo in Cawang LRT Station, the Jabodebek light rail transit, comprises 18 stations, a depot and 43.3km of track across two lines.

SMEC, as part of the Oriental Consultants team, performed the role of supervision consultant throughout the construction phase. The team's expertise helped to ensure that the project was completed to the highest standards incorporating cutting edge technology and world class engineering solutions.

Karen Atkinson SMEC Chief Operating Officer, South East Asia, is delighted with the work undertaken by the SMEC team.

"Jobodebek LRT is an immensely complex rail project constructed through some of the most congested areas of Jakarta. SMEC and our partners, together with building contractor, Adhi Karya are immensely proud of the outcome. Together we have delivered an integrated suite of rail systems, engineered to increase service capacity, guard safety, enhance customer experience, and streamline operations," said Karen.

A key consideration for the SMEC team was to oversee the implementation of a reliable automation and communication system. This system, known as Grade of Automation Level 3, transmits information between the train control system, the signalling system, and the safety systems. The automatic train control system will control the speed and movement of the driverless trains, which will help to improve safety and efficiency.

Another notable feature of the project is the U-Shape Girder system used to construct the viaducts. The slim shape has proved to be an elegant and cost-effective solution,

saving space in the dense urban surroundings. Prefabrication made it easier to build the viaducts. Their shape also helps to distribute the force of an earthquake more evenly.

“The Jabodebek LRT is a testament to the power of partnership and collaboration. The Indonesian government worked together with global experts Oriental Consultants and SMEC, as well as other partners, to create a project that is both safe and efficient. Our collaborative culture helped us to identify and mitigate risks, ensuring that the project will be a success for years to come,” said Habibie Razak, SMEC regional manager, Indonesia.

Having commenced construction in September 2015, Jabodebek LRT symbolises Indonesia's commitment to modern infrastructure. Set to carry 500,000 passengers per day, the new LRT provides a comfortable, efficient mode of transportation, enhancing connectivity between communities. The new service deploys 31 trains, with capacity to carry 1,300 passengers per trip. It connects a main business district in central Jakarta with the cities of Depok and Bekasi in West Java province.

**About SMEC:**

*SMEC is a global engineering, management and development consultancy delivering innovative solutions for our clients and partners. Leveraging our 70-year history of delivering nation-building infrastructure, we provide technical expertise and advanced engineering services to resolve complex challenges across the project lifecycle, from initial concept, feasibility, planning and design through to construction, commissioning, and operation and maintenance. [www.smec.com](http://www.smec.com)*

**Learn more about this project:** <https://www.smec.com/project/jabodebek-lrt-indonesia/>

**For more information please contact:**

Suzanne Gibbs, Director – Group Marketing Communication

**E:** [Suzanne.Gibbs@smec.com](mailto:Suzanne.Gibbs@smec.com) **T:** +61 2 9925 5578

**ENDS**