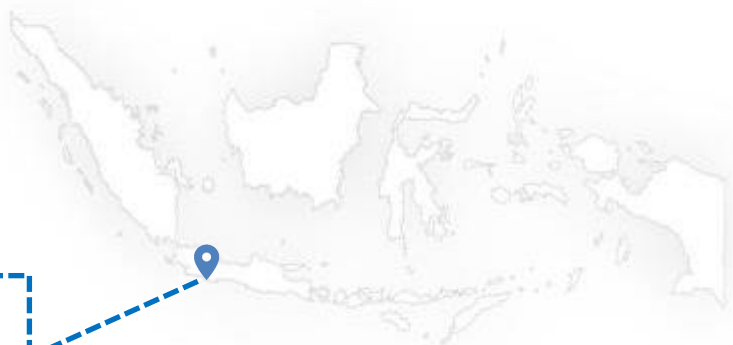


## Alstom in Indonesia



### Alstom's Presence



Project Office and Signaling Engineering Center (Bandung, West Java)

#### Key Data

- Alstom has been in Indonesia for transport activities for 30 years.
- Alstom is a major supplier of railway system especially signaling for Indonesia's mainlines and commuter lines.
- Alstom Indonesia's signaling Engineering Center has provided signaling engineering services to Alstom's projects in other countries including Bangladesh, Vietnam, Greece, South Korea, Australia, and the Netherlands.
- Alstom currently has around 30 employees in Indonesia.

#### History

- 1986:** Award of signalling contract supplying 1 GENRALOGIC all-relay signalling for Medan station (completed in 1991). It is the first transport contract Alstom gained in Indonesia. **1989:** Implementation of four VPI signalling projects for four single track lines: Cikampek – Cirebon line, Serpong – Merak line and Cirebon – Tegal – Pekalongan line, and Pekalongan – Semarang Line (1989 – 1998).
- 1991:** Implementation of six Solid State Interlocking (SSI) signalling system for six lines: Jabotabek Tanah Abang – Serpong line, Jabotabek Duri – Tangerang Line, Manggarai – Jatinegara Line, Bekasi –Cikampek Line, Jabotabek Pasar Senen – Kampung Brandan – Tanah Abang Line, and Padalarang – Gedebage Line (1991 – 1999).
- 1994:** Award of contract to supply EMU Traction System for 128 units (32 sets) of BN – HOLEC EMU series trains (completed in 2001).
- 1997:** Supply of high-speed passenger Bogies for three sets of Argo Bromo Anggrek train (repeat order of another three sets in 2001).
- 1999:** Implementation of three VPI double tracking projects for three lines and two stations: Cikampek – Padalarang line, Cikampek – Haurgeulis Line, Haurgeulis – Cirebon line, and Cirebon Stations (1999 – 2011).
- 2000:** Establishment of Alstom commercial and railway signalling engineering site in Bandung.
- 2004:** Establishment of PT Alstom Transport Indonesia as representative entity in Bandung.

## Alstom in Indonesia

- 2009:** Conversion of PT Alstom Transport Indonesia to become Alstom subsidiary entity.
- 2013:** Modification of VPI signalling and Sigview CTC for Cirebon – Waruduwur Double Tracking and Cirebon – Luwung Double Tracking (completed in 2015).
- 2014:** Construction of VPI signalling for Train Loading Station 1&2 and 3&4 of PT Bukit Asam at Tanjung Enim.
- 2015:** Award of contract to modify SSI signalling for Duri and Manggarai Stations.
- 2015:** Award of contract to renovate VPI signalling for Rangkasbitung – Merak line.
- 2015:** Alstom refocused on Transport business in Indonesia.

## Partnerships

Through its sustainable presence in Indonesia, Alstom has built trustful relationship with its customer and railway stakeholders: Directorate General of Railway Ministry of Transportation, KAI, Len, and other SOEs (Wijaya Karya, Adhi Karya, Bukit Asam).

## Awards and Certification

Alstom Indonesia is part of Alstom global certifications for ISO-9001 since 2010 and CMMI Level 3 for its signalling activities since 2015. It participates actively into the periodic audit of these international certifications.

## References and Ongoing Projects

Alstom is a major supplier of railway system especially signaling for Indonesia's mainlines and commuter lines. Its major reference projects include:

### Railway Signaling and Telecommunication

- Vital Processor Interlocking, Sigview Traffic Control System, and PDH / SDH communication for seven lines and five stations (1988 – 2016)
- Solid State Interlocking , Sigview Traffic Control System, and PDH communication for six lines (1991 - 1999)
- Modification of VPI signalling and Sigview CTC for Cirebon – Waruduwur Double Tracking and Cirebon – Luwung Double Tracking (2013 – 2015)
- VPI signalling and Sigview for Train Loading Station 1&2 and 3&4 of PT Bukit Asam at Tanjung Enim (2014 – present)
- Renovation of VPI signalling for Rangkasbitung – Merak Line (2015 – present)
- Modification of SSI signalling and Sigview for Duri and Manggarai Stations (2015 – present)

### Railway Electrification

- Overhead Catenary System and Power Sub Station for two lines (1991 - 1996)

### Rolling Stock

- Traction system for 128 units (32 sets) of BN – HOLEC EMU series trains (1994 - 2001)
- High-speed passenger Bogies for six sets of Argo Bromo Anggrek train (1997 and 2001)

## Corporate Social Responsibility

Alstom has been committing itself as a responsible company in Indonesia since its presence in the country. So far, Alstom has sponsored and supported various social and humanitarian projects in the country. Below are some examples.

### Tsunami Disaster Relief and Health Centre in Aceh

In the immediate aftermath of the Tsunami disaster in Aceh back in 2005, Alstom, together with several main stakeholders including PLN and major broadcasting media provided a relief funding and generator sets to the survivors. After the relief funding, Alstom in cooperation with Medco Energy built a Health Care centre in Lho Nga, the worst city in Aceh attacked by the Tsunami. This Health Centre provided both medical care and psychological care for the people affected by the disaster.

## Alstom in Indonesia

### **Building an 85 meter suspension bridge for locals in Tadang Palie and Bekke Villages in South Sulawesi**

Alstom Foundation granted €100,000 (approximately Rp 1.5 billion) in 2008 to build 85 m bridge in cooperation with the local community, NGOs and contractors. The bridge was completed in 8 months. The bridge has become an important connection between Tadang Palie and Bekke villages, crossing the Cenranae River. The bridge connects the north and south villages, making it easier for children to go to school and providing shoppers with a safer means to buy their goods, and allowing farmers and traders to access an area that was previously only accessible by boat or a 30 km journey.

### **Preservation of Indonesia Endemic Bamboo Species to save water catchment areas in West Java**

In 2010 Alstom Foundation granted € 50,000 (approximately Rp 600 million) to preserve Indonesian Endemic Bamboo Species to save water catchments area. The actions include nursery and plantation of 3,000 endemic bamboos, building 2 bamboo community centres for a better community empowerment and protecting water shed area in two major rivers. The one-year program took place on the third quarter of 2010/2011 and involved 600 local people in bamboo plantation and training.

### **Building 15 giant water tanks for poor and remote village in Karangasem, Northern Bali**

In 2011 Alstom Foundation granted € 37,500 (approximately Rp 450 million) to build 15 giant water tanks for poor and remote village in Karangasem Village, Northern Bali. While Bali island is well known for its natural beauty, rich culture and friendly people, there are still many villages in remote areas suffering from getting natural resources such as water. Collaborating with one of Bali kings, Alstom built 15 water tanks to support at least 90 families to access to clean water.

### **Development of Clean Water using Solar Water Pumping System for remote village in Gunung Kidul, Yogyakarta**

In 2014 Alstom Foundation granted € 89,500 (approximately Rp 1.343 billion) to upgrade the existing Solar Water Pumping System to be able to accommodate 60 households in Banyumeneng I, Giriharjo Village, Panggang District. The people in that area had to walk around 1.6km every day to obtain water from the river or they had to purchase expensive water with their income. This project was completed successfully at the end of 2015 and addressed villagers' challenge on accessing to water without costing their own income.

## Contact Information

### **PT Alstom Transport Indonesia**

Office & Beyond #206-207  
Jl. Cimanuk No. 6 Bandung 40115  
Tel: +62 22 420 5225  
Fax: +62 22 420 5225

**General/product enquiries or requests for quotation**, kindly contact the local office or visit <http://www.alstom.com/locations/>

**Careers at Alstom & submission of resumes**, visit <http://www.alstom.com/careers/>

**The contact below is exclusive for the use of the press. Non-press related requests will be disregarded.**

Communications Contact: Liping Mian | [liping.mian@alstom.com](mailto:liping.mian@alstom.com)