

Project

Reconstruction of Malahayati Port, Banda Aceh, Indonesia

The reconstruction and expansion of the port of Malahayati were part of a relief effort for the Aceh region after it had been hit by the 2004 tsunami. Located approximately 35 kilometres east of the capital Banda Aceh, this was the only cargo port for supplies to the capital and the surrounding area. Therefore, it became a vital hub for all reconstruction efforts in the region.

Initiated and funded by the Dutch government and the Aceh and Nias Rehabilitation and Relief Agency (BRR NAD NIAS), the project comprised the construction of a new 140-metre berthing facility and approach trestle, the rehabilitation of damaged buildings and the reconstruction of completely demolished buildings and infrastructure.



Location	Banda Aceh, Indonesia
Client	The Aceh and Nias Rehabilitation and Reconstruction Agency (BRR NAD NIAS)
Contractor	PT BAM Decorient Indonesia
Contract period	December 2005 - August 2006
Contract sum	€ 7,3 million

'The project was completed and handed over to the client six weeks ahead of schedule'

Logistical challenges

In addition to the time pressure, the project had to be carried out in a remote area, further isolated due to tsunami damages. Most supplies and equipment had to be either imported from Singapore or transported from Medan (500 kilometres to the south). An accommodation camp had to be built from scratch to house the project team.

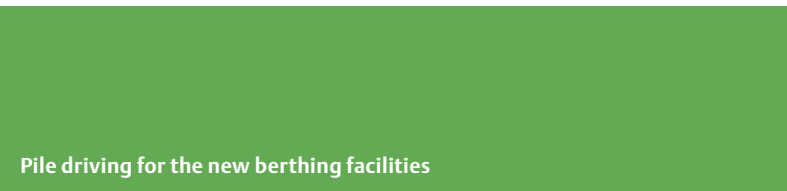
Swift completion

After an extremely short construction period of just over 100 calendar days, the new berthing facility (140 metres in length with an 80-metre approach trestle) had progressed from the steel pile foundation to the finishing layer. The concrete pile caps and beams as well as the concrete panels were all pre-constructed, while the concrete finishing layer was poured in situ.

Berthing facility and approach during construction



Crane barge for piling works and precast installation



BAM International bv

P.O. Box 414
H.J. Nederhorststraat 1
2800 AK Gouda
The Netherlands
T +31 (0)182 59 06 30
F +31 (0)182 59 08 70
E info@baminternational.nl
I www.baminternational.nl

Passenger terminal and parking area

