



# SIKA AT WORK

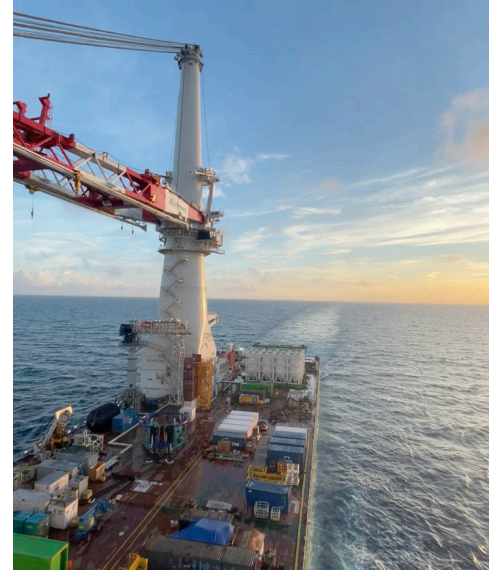
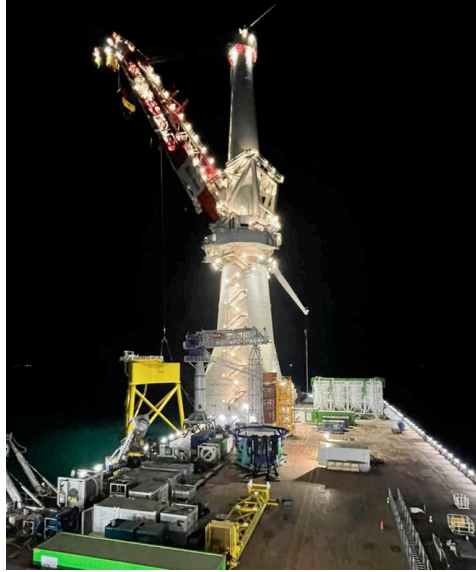
## GROUT APPLICATION FOR THE ZHONG NENG OFFSHORE WIND FARM, CHANGHUA COUNTY, TAIWAN

OFFSHORE & MARINE CONSTRUCTION  
RENEWABLE ENERGY

BUILDING TRUST



# GROUT APPLICATION FOR THE ZHONG NENG OFFSHORE WIND FARM



## PROJECT DESCRIPTION

The 298 MW Zhong Neng Offshore Wind Power Project is being developed by Copenhagen Infrastructure Partners (CIP) and China Steel Corporation (CSC), approximately 13 km off the coast of Changhua County on the west coast of Taiwan. The project is a milestone in advancing local offshore wind developments in the region and its completion in early March 2024 has allowed for the immediate start of the preparation work for the CSBC-DEME Wind Engineering (CDWE) Hai Long Project.

Project name: Zhong Neng Offshore Wind Farm  
Location: Changhua County, Taiwan  
Year: 2023/2024  
Application: Jacket foundations  
Product: SikaGrout®-9800

## PROJECT REQUIREMENTS

The project will spread over a 36.54 km<sup>2</sup> area, with piles being installed at a water depth ranging from 27 to 40 meters. The grouting took place on the Green Jade, Taiwan's first floating DP3 offshore installation vessel. Sika supplied both materials and quality control expertise for the Offshore Substation (OSS) and jacket foundation scopes of the Hai Long project, further contributing to Taiwan's renewable energy potential.

## SIKA SOLUTIONS

Sika produced, certified, stored, and delivered 8,000 MT of SikaGrout®-9800 from the Taiwan warehouse facility to the designated port of delivery. Equipment and onshore personnel were provided to carry out the pneumatic material transfer procedure to CDWE's onshore and offshore silo containers.

Sika provided a field engineer to the vessel upon the client's request, to review the offshore grouting operations, verify quality control standards, and validate the grouting subcontractor's handling and documentation of material during the project.

## CUSTOMER BENEFITS

- Sika's local team in Taiwan brings years of experience delivering high-performance grout for offshore installation projects in the region.
- Real-time material batch tracker for efficient monitoring of batches delivered to the project.
- On- and offshore QC training sessions prior to and during the project, to ensure that all personnel working with the material had the knowledge and experience to handle it correctly.
- Verified grouting contractor documentation for each jacket and ensured strength compliance by overseeing on-vessel testing, providing assurance of quality and reliability.

## PROJECT PARTICIPANTS

Contractor: CSBC-DEME Wind Engineering (CDWE)

Any product name or reference reflects the Sika product name at the time of creation of this document and may differ from the product name or reference during past events.

Our most current General Sales Conditions shall apply. Please consult the most current local Product Data Sheet prior to any use.



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