

Weibei Pipeline Project for Associated Gas Recovery and Use



China / Asia



PROJECT DESCRIPTION

- Weibei Pipeline project is one of China National Offshore Oil Corporation's methane mitigation actions. The project effectively connects the associated gas resources of the Weizhou Southwest oilfield cluster with the natural gas market in Guangxi Province.
- The pipeline originates from Weizhou Island in Beihai, China, and terminates at Tieshan Port in Beihai City. It has a total length of 80 kilometers and an inner diameter of 12 inches, with a designed annual gas transmission capacity of 210 million cubic meters.

PARTNERS INVOLVED IN PROJECT

- China National Offshore Oil Corporation (CNOOC)
- Zhanjiang Branch Company of CNOOC LTD
- Jiangsu Weida Construction Group CO. LTD
- Weizhou Island Tourism Area Administration Committee

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RESULTS ACHIEVED

- Promotes the recovery and utilization of methane from oil and gas extraction, significantly reducing methane emissions during offshore oilfield production.
- Promotes the low-carbon and efficient utilization of energy in the Weizhou Southwest oilfield cluster, achieving zero emissions of associated gas.
- Cumulatively recovers 70.9 million cubic meters of associated gas.
- Provides Guang Xi Region a continuous supply of energy for economic development.