

Enclosure: Van Oord in operation

Dredging

- Maasvlakte 2, the Netherlands
On 11 July 2012, around neap tide when the current was at its weakest, Her Majesty Queen Beatrix of the Netherlands gave the signal to close the gap in the eleven-kilometre-long seawall. From that moment onwards, a 2,000-hectare piece of new land in the Netherlands was protected against the sea. In November, the temporary structure separating Yangtze harbour from the new harbour basin was dredged. Since then, Maasvlakte 2 can be accessed by vessels. The Maasvlakte 2 project will be completed in April 2013. The Port of Rotterdam will be 20% bigger and the Dutch coastline will extend approximately 3.5 km farther into the North Sea. The first container terminals will become operational in 2014.
- In Suape, Brazil, Van Oord continued its work under two contracts, one to deepen an access channel at sea and the other to carry out land reclamation work for a new shipyard. The work being carried out in the access channel is a shining example of *Marine Ingenuity*, with Van Oord using ripper technology on trailing suction hopper dredger HAM 318 and deploying its new WaveWalker 1 walking platform. These projects will continue in 2013.
- Gas produced in the Ichthys Field in the Browse Basin – located approximately 200 km off the coast of Western Australia – will be transported in an 889-kilometre-long subsea pipeline to an LNG processing plant in Darwin. To ensure that large tankers can access the new LNG plant at Blaydin Point, Van Oord has been contracted to expand the access channel and deepen the moorings. It will dredge approximately 15 million cubic metres of mostly hard ground with its new self-propelled cutter suction dredger Athena and two backhoes, the Simson and the Hippopotoes.

Offshore oil and gas

- The Van Oord-Sovcomflot Joint Venture has successfully installed a Gravity Based Structure (GBS) in the Arkutun Dagi field. The field is located 25 km off the northeast coast of Sakhalin Island. After being towed 1,900 kilometres, the GBS was installed in the gas field, ballasted and furnished with scour protection. Van Oord performed its work quickly and to the client's full satisfaction.
- In Canada, Van Oord deployed trailing suction hopper dredger HAM 318 to dredge an Excavated Drilling Center at 90 metres depth. The excavation is meant to protect sub-sea oil and gas installations.
- In 2012, Van Oord constructed a Single Point Mooring system (SPM) in Fujairah, United Arab Emirates, for the Fujairah Asia Power Company. The project involves engineering, constructing, delivering, installing, testing and commissioning the SPM and the three-kilometre-long sub-sea pipeline. It provides for a new back-up fuel system at the client's power and desalination plant. The project will be completed in 2013.

Offshore wind

- Van Oord brought the EPC project for the UK's Teesside offshore wind farm to a successful conclusion in early 2013. The project involved the construction and installation of 27 wind turbines and the infrastructure network for the offshore wind farm.