

# Fugro Secures Large Marine Survey Contract



INPEX Masela, Ltd. (INPEX), a subsidiary of INPEX CORPORATION, has awarded Fugro a large marine survey contract for the Abadi liquefied natural gas (LNG) project in Indonesia. Fugro will perform geophysical and geotechnical surveys and the associated studies needed to support front-end engineering design (FEED) for offshore production facilities and the submarine pipeline to the onshore LNG terminal. Geodata will be acquired using Fugro's deepwater autonomous underwater vehicle (AUV) *Echo Surveyor* and their robotic seafloor drill, *Seafloor Drill 2*, deployed from Indonesian support vessels.

## Engineering Challenges

The Abadi LNG project is based on an onshore LNG development scheme that INPEX, as the operator, is preparing for development in partnership with Shell in the Masela block, offshore Indonesia. The project will produce a total output of natural gas (LNG equivalent) of 10.5 million tons per year and up to approximately 35,000 barrels of condensate per day.

Jerry Paisley, Fugro's business line director, Asia Pacific region, says, "This is particularly valid for the development of the Abadi LNG project, where overcoming engineering challenges including slope stability, regional seismicity, subsea faulting and carbonate sediments will require a collaborative and informed approach at each stage of the geodata acquisition, analysis and advice. Fugro looks forward to delivering a successful outcome on the Abadi LNG project."

Caption: Fugro's *Seafloor Drill 2* in action in the Great Australian Bight, 2,200m below sea level.

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