FugroÂ StartsÂ Nearshore Site Characterisation Contract for Copenhagen Megaproject

Danish consulting firm COWI has awarded Fugro a nearshore geotechnical site investigation for CPH City & Port Development's Lynetteholmen megaproject in Copenhagen. Fugro's site investigation will be used to inform the detailed design of the new artificial island, which will cover approximately 275 hectares and increase the Danish capital's landmass by around 2%. Fugro's solution will acquire high-quality geotechnical data in shallow water depths from a single jack-up, and ensure fast and efficient data delivery via Fugro's newly developed Gaia solution.

Fugro began work in September this year with the mobilisation of the Skate 3 modular jack-up; the fieldwork is expected to complete in March 2020. Fugro's innovative geotechnical solution for the Lynetteholmen megaproject will achieve significant time and cost savings whilst delivering programme surety.

Storm-water Impact and Sea-level Rise

Malte Larsen, Geotechnical Engineer, COWI, said: "The future island of Lynetteholmen is the largest construction project in Denmark since the 17th century, and it will leave a significant mark on the city of Copenhagen, not to mention Denmark and the Øresund region. We're excited to be working with Fugro on this iconic project, which will comprise even more boreholes and CPTs than other recent large infrastructure projects, such as the Great Belt Bridge and the Øresund Bridge."

The new island will provide housing for 35,000 people and protect against storm-water impact and sea-level rise, contributing to a safe and liveable environment for the residents of Copenhagen and beyond.

Caption: *Fugro's Skate 3 modular jack-up acquiring high-quality geotechnical data in Copenhagen's harbour for the Lynetteholmen island megaproject*