



The SeaKoMaP solution for enhancing the processing of bathymetric data will have KONGSBERG's cloud-based Blue Insight platform at its core

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Seabed 2030 utilizes Blue Insight to optimize seafloor mapping

Kongsberg, Norway, 16th March 2022 – Kongsberg Maritime (KM) is proud to reveal that it has collaborated with The Nippon Foundation-GEBCO Seabed 2030 Project to develop and deliver the SeaKoMaP solution, with the unified goal of optimizing the processing of bathymetric data. SeaKoMaP, an acronym which stands for **Seabed 2030 Kongsberg Maritime Cloud Processing**, will allow Seabed 2030 to use Blue Insight to leverage its extensive alumni network as a means of simplifying some of the many valid processes from data collection to the publishing of seafloor maps.

To bring this about, KM will provide Seabed 2030 users with remote login privileges for Blue Insight, KONGSBERG's recently-introduced, cloud-based, modular platform for the secure visualization, processing and sharing of ocean data. Blue Insight enables data to be harvested from any platform, including vessels, USVs and AUVs: it deploys the principle of sensor fusion, wherein data is streamed from a number of onboard sensors to a local database, from where it is transferred seamlessly into the cloud for visualization, further processing and distribution to users.

The SeaKoMaP project adheres to a dedicated memorandum of understanding (MOU) between KM and Seabed 2030, supporting the latter's unique mandate to map the entirety of the world's ocean floor by the end of this decade. The pilot project will build upon established solutions such as Qimera, a hydrographic data-processing software package from QPS, but will add an infrastructure that will enable Seabed 2030 to scale one of its many processing pipelines in order to meet its highly ambitious target by 2030.

“With just under eight years left until the end of the decade, and with 80 per cent of the seafloor still to map, how we use the time we have left is paramount,” says Jamie McMichael-Phillips, Seabed 2030 Project Director. “Partnering with distinguished organisations in the maritime technology industry – such as Kongsberg Maritime – that can offer innovative and efficient solutions is vital in helping us reach our goal.”

“We're very excited to be working with Seabed 2030 on SeaKoMaP,” adds Leif Bildøy, product manager, Blue Insight at Kongsberg Maritime. “Our ambitious goal for the Blue Insight roadmap is to make it the go-to solution for any ocean stakeholder, and adding value to a project like Seabed 2030 is a big milestone for us.”

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About Kongsberg Maritime

Kongsberg Maritime is a global marine technology company providing innovative and reliable 'Full Picture' technology solutions for all marine industry sectors including merchant, offshore, cruise, subsea and naval. Headquartered in Kongsberg, Norway, Kongsberg Maritime has manufacturing, sales and service facilities in 34 countries.

Kongsberg Maritime solutions cover all aspects of marine automation, safety, manoeuvring, navigation, and dynamic positioning as well as energy management, deck handling and propulsion systems, and ship design services. Subsea solutions include single and multibeam echo sounders, sonars, AUV and USV, underwater navigation and communication systems.

Training courses at locations globally, LNG solutions, information management, position reference systems and technology for seismic and drilling operations are also part of the company's diverse technology portfolio. Additionally, Kongsberg Maritime provides services within EIT (Electro, Instrument & Telecom) engineering and system integration, on an EPC (Engineering, Procurement & Construction) basis.

Kongsberg Maritime is part of Kongsberg Gruppen (KONGSBERG), an international, knowledge-based group that celebrated 200 years in business during 2014. KONGSBERG supplies high-technology systems and solutions to

customers in the oil and gas industry, the merchant marine, and the defence and aerospace industries.

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