

Arcelor Mittal's Canal Dredging Work Starts



LUSCHI will mobilise its vessel Giovanela to Espírito Santo, Brazil, to assist in the dredging and final disposal of accumulated sediments in the seawater storage canal of Arcelor Mittal, one of the world's leading steel and mining companies. The canal is approximately 600 metres long and includes a sedimentation volume in the order of 46,000m³.

The project aims to use a trailing suction hopper dredger, self-propelled, that sucks up the sediments into its own cisterns for disposal in offshore waters, provided by Companhia Docas do Espírito Santo - Codesa. This dredging equipment was chosen due to the material's characteristics and operating conditions.

The suspension of sediments during the dredging operation should be minimised with the use of a protective barrier, made of non-woven geotextile with apparent opening size (0.15 to 0.16mm), positioned next to the collection station, in order to prevent the entry of sediments into the system, caused by turbidity.

<https://www.hydro-international.com/content/news/arcelor-mittal-s-canal-dredging-work-starts>
