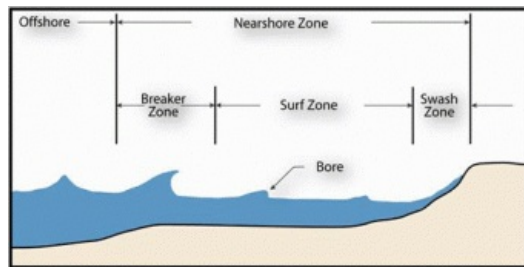


Digital Elevation Models of Coastal Areas



The specific goal of the Digital Elevation Models of Coastal Areas (DEMCA) project is to develop an innovative method to produce seamless digital elevation models of large, flat coastal areas. The major challenge is the acquisition of elevation data in the nearshore zone of the Flemish coast and Scheldt estuary in a 'snapshot' way. The acquired data must be validated, processed and stored in a database and integrated with other bathymetric and topographic datasets to create a seamless digital elevation model (DEM).

In its search for companies willing to develop a disruptive solution, the Maritime Access Division of the Flemish Department of Mobility and Public Works will publish a call for proposals during spring 2018 to launch a three-phase process:

- Phase 1: Solution/concept design (six months). The submitted proposals will be evaluated and a limited number of companies/consortia will be selected to further develop their proposal.
- Phase 2: Prototype development (one year). The solution/concept designs of a number phase 1 companies will be assessed against the project criteria.
- Phase 3: Original development and testing (six months). The best prototypes developed in phase 2 will be assessed.

The project will follow the Pre-commercial Procurement (PCP) framework. A PCP call challenges industry from the demand side to develop innovative solutions for public-sector needs. It provides a first customer reference that enables companies to gain competitive advantage on the market. For more information, please contact DEMCA.info.be@anteagroup.com.