

# BE-sTrONG –

## Towards the future of sustainable concrete constructions in marine environment

**Utilization of advanced additives and environmentally/climate-friendly binders (including cements) to design and build concrete structures in marine environments with**

- significantly reduced CO2 emissions, and
- significantly reduced resource requirements for maintenance and repair during the construction's intended lifetime.

**BE-sTrONG:** The concept radically breaks with existing practice for the development of environmentally and climate-friendly solutions which are anchored in current EN and DNV standards.

### BE-sTrONG

- must adapt advanced material solutions, document critical properties through performance tests and in-situ long-term exposure as well as condition control of prototypes and document the environmental performance.
- will make decision on the revision of the current standards, here DNVGL-ST-C502, which is necessary for the innovation to be realised.

