# TOR Global Stars call Green Shipping

## Background

* Greenhouse gas emissions from shipping represent about 2,5% of global total
* These emissions are projected to grow 50-250% in the coming decades
* Furthermore, much of the fuel used is extremely dirty, leading to (heavy) air pollution in and near harbours.
* IMO’s greenhouse gas strategy envisages a reduction in carbon intensity of international shipping by 40% by 2030 and 70% by 2050 (base: 2008)
* Similar (national) reduction targets exist for inland shipping

## Focus of call

In principle any technology that leads to significantly curbing emissions by waterborne vessels, among which:

* Technologies that increase the energy efficiency of vessels
* Technologies specific to the capture, treatment and utilization of exhaust emissions of both greenhouse gasses and air pollutants
* Alternative fuels and energy sources and related machinery
* Technologies that decrease the carbon intensity and air pollution of the waterborne shipping system as a whole, including harbours

## Scope of call

* Market-oriented R&D projects
* Industry-led projects, resulting in new processes, products or services
* International consortia with participants from at least one European country and China
* Project consortia must include (TBD)
  + at least one European company OR
  + at least one company and one institute from each country participating in the project
* Project results ready for application within two years after the end of the project
* Maximum duration of the projects is 36 months

## Implementation of call

* Call within the framework of Eureka’s Global Stars program
* China matches the total budget of the participating European countries
* Timeline:
  + Discussion and agreement on focus of call: August 2021
  + Discussion and agreement (signing) on scope and implementation: October 2021
  + Call launch; Virtual matchmaking for interested companies and institutes: November 2021
  + Closing of call: January 2022
  + Evaluation of proposals: April 2022