

PROJECT

H2H

EGNSS Hull-to-Hull

Funding: European (Horizon 2020)

Duration: Nov 2017 - Feb 2021

Status: Complete

Total project cost: €2,999,118

EU contribution: €2,489,382



Call for proposal: H2020-GALILEO-GSA-2017-1

[CORDIS RCN : 212899](#)

Objectives:

The overall objective of the proposal is to address the need of the maritime community to safely navigate in close proximity of other vessels and objects, being stationary or moving. This will assist mariners in making correct navigation decisions. Furthermore, this will be a fundamental requirement for autonomous vessels.

To achieve this EGNOS and GALILEO is taken into use to measure position of the vessel. However, these systems in the most basic form provides the position of the GNSS antenna, whereas the mariner needs to know the location of the vessel's hull relative to other vessels or objects in the area of operation. For efficient and safe operations, the location information must be provided with high precision and high integrity.

Parent Programmes:

[H2020-EU.3.4. - Horizon 2020: Smart, Green and Integrated Transport](#)

Institute type: Public institution

Institute name: European Commission

Funding type: Public (EU)

Lead Organisation:

Kongsberg Seatex As

Address:

PIRSENTERET
7462 TRONDHEIM
Norway

EU Contribution: €702,882

Partner Organisations:

Stiftelsen Sintef

Address:

Strindveien
7034 Trondheim
Norway

Organisation Website:

<http://www.sintef.no>

EU Contribution: €2,750

Sintef Ocean As**Address:**

Brattørkaia 17B
7465 Trondheim
Norway

EU Contribution: €480,000

Sintef**Address:**

Strindveien 4
7034 TRONDHEIM
Norway

Organisation Website:

<http://www.sintef.no>

EU Contribution: €317,250

Mampaey Offshore Industries Bv**Address:**

JACOBUS LIPSWEG 38
3316 BP DORDRECHT
Netherlands

EU Contribution: €486,500

Katholieke Universiteit Leuven**Address:**

Oude Markt
3000 Leuven
Belgium

Organisation Website:

<http://www.kuleuven.be>

EU Contribution: €500,000

Technologies:

Safety systems
EGNOS application for vessel safety

Development phase: Research/Invention

STRIA Roadmaps:

Cooperative, connected and automated transport, Network and traffic management systems
Water transport (sea &

Transport mode: inland)

Transport sectors: Passenger transport, Freight transport

Transport policies: Safety/Security

Geo-spatial type: Other