

PROJECT

EU Green Loop

Funding: European

Duration: Apr 2018 - Jun 2022

Status: Ongoing

Total project cost: €59,330,000

EU contribution: €11,866,000



Background & policy context:

The Action is part of a global project which foresees the construction of 9 Ultra-Large-Container-Vessels (ULCV) with a capacity of 22,000 TEU each equipped with LNG propulsion. The ULCVs will call 8 TEN-T Core Ports. The LNG supply of 9 ULCVs requires the construction of a very large LNG bunkering vessel.

Objectives:

The Action's overall objective is to promote the decarbonisation of maritime transport by deployment of a fit-to-purpose large scale LNG bunkering strategy.

The specific objectives of the Action are:

- to prepare reliable, efficient and safe ultra-large-scale LNG supply for the maritime operators in the Core Ports of Rotterdam, Le Havre and Dunkerque. This objective will be met through the construction and deployment of an innovative LNG bunkering vessel with a capacity of 18,600 m³ and the preparation of LNG bunkering procedures including all logistic requirements and steps ensuring the LNG supply for the commercial operations of the customers;
- to develop in the Port of Dunkerque suitable capacities to offer small-scale LNG bunkering services. The objective will be achieved through the adaptation of the existing jetty to allow also the provision of LNG loading and bunkering services to small-scale LNG ships, and the construction of a new jetty that is dedicated for small-scale LNG operations.

Parent Programmes:

[CEF Transport - Connecting Europe Facility \(CEF\) for Transport](#)

Institute type: Public institution

Institute name: Inea

Funding type: Public (EU)

Lead Organisation:

SAS Dunkerque LNG

Address:

Centre tertiaire des 3 ponts, 30 rue l'Hermitte
59140 Dunkerque
France

Partner Organisations:

Cma Cgm

Address:

Quai D'arenc 4
13235 Marseille
France

Total Marketing France**Address:**

562 Avenue du Parc de l'Île
92000 Nanterre
France

Emerald Green Maritime Limited**Address:**

18/2, South Street
Valletta
Malta

Technologies:

Alternative fuels
LNG refuelling station

Development phase: Demonstration/prototyping/Pilot Production

Alternative fuels
LNG conversion

Development phase: Demonstration/prototyping/Pilot Production

STRIA Roadmaps:

Vehicle design and manufacturing, Low-emission alternative energy for transport, Infrastructure
Water transport (sea &

Transport mode: inland)

Transport sectors: Passenger transport, Freight transport

Transport policies:

Environmental/Emissions aspects, Decarbonisation, Deployment planning/Financing/Market roll-out

Geo-spatial type: Infrastructure Node