PROJECT

GAINN4MED

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Funding: European

Duration: Mar 2017 - Mar 2020

Status: Complete

Objectives:

The overall objective of the Action is to foster the LNG deployment as alternative transport fuel along Italian Corridors of the Core Network. The Action, which is deployed along the Scan-Med Corridor, consists of a study with pilot deployment of Liquefied Natural Gas (LNG) and Compressed Natural Gas (CNG) solutions in Italy to contribute to the decarbonisation of road transport through transition to innovative and sustainable technologies.

A network of L-CNG filling stations will be established overcoming the lack of infrastructure, in line with National Policy Framework requirements. The Action consists in the realisation of 6 L-CNG refuelling stations and the deployment of innovative LNG-based solutions and mobile infrastructure for the development of a logistic chain, including:

- the creation of a supply chain of 18 multimodal cryogenic ISO-containers;
- the realisation of Hub safety zones for cryogenic ISO-container in 3 multi-modal inland terminals;
- the set-up of a fleet of LNG heavy duty vehicles. Land-based LNG network real life trials and business plan will be realised.

The Action includes the production of guidelines and models for Bio-LNG use and real-life tests. A skills building platform will be established to properly operate the pilots developed.

Parent Programmes:

CEF Transport - Connecting Europe Facility (CEF) for Transport

Institute type: Public institution

Institute name: Inea

Funding type: Public (EU)

Other countries: Italy

Lead Organisation:

Ministero Delle Infrastrutture E Dei Trasporti Dg Vptm

Address:
Viale Dell'arte, 16
144 Rome
Italy

Technologies:

Alternative fuels
LNG refuelling station

Development phase: Demonstration/prototyping/Pilot Production

STRIA Roadmaps: Low-emission alternative energy for transport, Infrastructure

Transport mode: Multimodal transport

Transport sectors: Freight transport

Transport policies: Decarbonisation

Geo-spatial type: Network corridors