Nordic LNG/CNG - Decarbonisation of the Core Network by deployment of alternative fuel refuelling infrastructure

**Funding:** European  
**Duration:** Apr 2018 - Dec 2021  
**Status:** Ongoing

**Objectives:**

The lack of a dense network of refuelling stations is a bottleneck in the Nordic Countries, hampering the development of the markets for biogas and natural gas both for heavy and light duties vehicles as well as passenger cars. The Action is part of a global project aiming to tackle this bottleneck by creating an extensive biogas refuelling infrastructure network in Sweden, Norway and Finland by end of 2021.

The Action aims at rolling out a network of alternative fuel infrastructure (14 stations), contributing to the development of the biogas market both liquid and compressed and to enable long distance and cross-border transport along the Finnish Core Road Network, focusing on the Scandinavian-Mediterranean Core Network Corridor. More specifically, the Action will deploy 6 Liquefied Bio Gas/Liquefied Natural Gas (LBG/LNG), Compressed Bio Gas/Compressed Natural Gas (CBG/CNG) stations and 2 combined stations (LBG/LNG-CBG/CNG).

The Action builds on the results and lesson learnt from the CEF funded pilot project (2014-Fi-TA-0119-S) for the development of LNG/L-CNG network in Finland, where, inter-alia the technology and the business model were tested.

**Parent Programmes:**  
CEF Transport - Connecting Europe Facility (CEF) for Transport

**Institute type:** Public institution  
**Institute name:** Inea  
**Funding type:** Public (EU)  
**Other countries:** Finland

**Lead Organisation:**

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**Technologies:**

- Electric road vehicles  
- Public charging infrastructure

**Development phase:** Demonstration/prototyping/Pilot Production

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

**Transport mode:** Road transport  
**Transport sectors:** Freight transport  
**Transport policies:** Environmental/Emissions aspects  
**Geo-spatial type:** Network corridors