The project looks at overcoming the existing barriers to establish an LNG bunkering supply chain in the Mediterranean basin of Spain.

The transition towards an LNG bunkering supply network requires a double-axis action. On one side, the existing and future maritime fleet needs to be adapted in terms of technology of engines and storage. On the other, terminals and other facilities at ports need to be upgraded or developed in order to deploy a full supply chain providing enough security of supply.

The Action will consist of studies to address both maritime fleet and port facilities transition simultaneously, reducing the time-to-market of the LNG Bunkering Service in the Spanish Mediterranean ports.

To meet the objective, a study will be conducted to analyse the technical, operative, economic and legal aspects of LNG bunkering vessel operations enabling medium term deployment (2015-2020). It will include a detailed evaluation and design of an optimised LNG supply chain in key Spanish ports of the Mediterranean Sea (the ports of Barcelona, Valencia and Cartagena), based on existing onshore infrastructure and a LNG bunkering vessel aiming to offer a flexible supply to a set of nearby locations.

State of progress on 31 December 2013:
Market tests are on-going and studies for the interaction of the supply vessel with the existing LNG terminals and ports infrastructures have been completed.