

Rescue boat powered by LNG

EV2

This subactivity will provide a feasibility study of LNG as a marine fuel for maritime rescue fleet.

The scope of the project have been modified during its execution in order to include the retrofitting and new building feasibility study of a rescue boat. Luz del Mar and Clara Campoamor will be the studied vessels.



Partners involved



Salvamento Marítimo



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The analysis of the interest fleet and their operations is already finalized. Likewise, design requirements for the use of LNG technology, regulation and supply facilities related with infrastructure and maritime rescue fleet is completed.

The rest of the activities are expected to finish by 2020.

- **EV2:** In order to support the policy of reducing emissions in maritime transport a specific study of the current situation on the potential use of LNG as an alternative fuel for the maritime rescue fleet will be performed.

Internationally the use of LNG as a marine fuel it is clearly promoted, so its application in maritime units that perform rescue services is an ongoing challenge that requires a technical study.

The project will include first of all a situation analysis of the state of art in relation to the use of LNG as fuel in shipping: available technology, limitations and expected developments. The study will address the potential applications of LNG in the maritime rescue fleet, from building new ships powered by this fuel to the retrofitting of existing vessels, ie LNG technological adaptation.

Also the combined use of LNG with traditional fuels in dual motors will be analyzed in order to maintain the levels of quality on the services rendered by the maritime and rescue fleets; and any other application of LNG in rescue vessels, as it may be in auxiliary engines.

This feasibility analysis will consider, at all times, the peculiarities of this type of maritime units that, because of their activity and missions, require very specific characteristics.

The study will also include the monitoring of technological developments for the duration of the project, to ensure the inclusion in it of the latest developments and innovations in this field.