

Multi stakeholder-analysis connected to electrifying small boat industry

(Scientific fields: Maritime management, Naval architecture, Electrical engineering, Economics)

Background

The Swedish government has set a target to become climate neutral by 2045. The Swedish Sea Rescue Society (SSRS) together with several partners is developing the world's first rescue boat prototype with zero greenhouse gas emissions, intended for launching in 2023. Funding partners organisations are Postkodlotteriet & Energimyndigheten¹. The boat will be using a fully electric drivetrain powered by batteries. Batteries need charging and the current charging infrastructure in Swedish marinas is hard to overview regarding general stakeholders and their drivers. There is an urgency and interest to understand which general stakeholders there are, their drivers, and what role the Swedish Sea Rescue Society can take to finally increasing the number of charging points in Swedish marinas.

Aim and approach

The overall aim of the thesis is to develop an understanding of the current charging conditions at most rescue stations and recommend what roll the Swedish sea rescue society can generally take with regard to the organisation's prerequisites and other stakeholders. Implementation can be significantly influenced by the students' own interest, work, and perspective. The overlying project is already underway, the thesis workers will be given a contact point within the project group.

Tasks

The suggested tasks to complete the work involves:

- Literature study and external analysis
- Stakeholder analysis
- Writing the thesis report and presenting to involved parties

Supervisors

SSRS: Fredrik Falkman (fredrik.falkman@ssrs.se), Josef Carlsson (josef.carlsson@ssrs.se)

Co-supervisors:

SSPA Sweden AB: Tobias Olsson (tobias.olsson@sspa.se)

Examiner

TBD

¹ <https://www.energimyndigheten.se/forskning-och-innovation/projektdatabas/sokresultat/?projectid=32583>