



Maritime DTU
Center for Maritime Activities

Solar powered port cabins

Type of project: MSc

Project description:

Svitzer is a 190 years towage provider operating approximatively 380 tugs and 100 other vessels, across 120 ports globally.

With the ambitions to be carbon neutral by 2040 and have an increase of 50% in scope 1 carbon emission by 2030, we have developed a decarbonisation strategy built on 3 pillars to reach these goals:

- Fuel – Methanol as fuel of the future and Biofuel as drop-in fuels to enable the transition
- Equipment – new tug designs to drive efficiency and development with partner of new equipments
- Behaviour – focusing on what everyone in the company can do to support.

Svitzer operates in port areas, but also in more remote locations, where the best option to establish a shore based office is to installed a shore powered port cabin (office container).

In Europe, our ports of Tyne and Liverpool have such a setup and to reduce our scope 2 and potentially develop a concept allowing our global operation to be more flexible, we would like to pilot a solar powered port cabin, while taking all the learnings to develop a design that could be replicated in other regions.

The person interested will be in charge of defining the needs, identifying the local rules, work with suppliers to define the best options and have a tangible proposal to install solar systems on existing installations, as well as coordinate or lead the design of a generic solar powered port cabin, which could be developed in the future and used in other locations.

Contact persons

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