

1. Project description

[Write a short description of your project and your competences – max 300 words]

MARLOG aims to **lead and coordinate** the development of the transformation toward sustainable Hydrogen production and usage within the maritime and logistics field. In this project we wish to develop, capture and distribute knowledge regarding the entire value chain of development, distribution and usage of hydrogen/ P2X (green).

The project will specifically focus on the crucial elements of the transition from fossil fuels towards sustainable usage of hydrogen: 1. Development of consistent standards across the field, 2. Models for retrofitting (rebuilding) of vehicles and ships, 3. Design of infrastructure for distribution and bunkering of sustainable fuels regarding transport (ships, trucks, trains).

Competences: MARLOG is the cluster organization of the maritime and logistic business field in Denmark. Our consultants are highly skilled and recognized experts within the field. We have established a cooperation with the Energy Cluster Denmark within the field of hydrogen as a fuel. MARLOG's approach to the entire value chain within transport and logistics, as well as collaboration with the Energy Cluster Denmark, will help ensure the use of hydrogen within the maritime and logistic field. **Our contribution** is to bring together stakeholders who support the process towards the use hydrogen.

Please select which part of the value chain for hydrogen your project focuses on (select one or more, where applicable):

Production	Transmission	Industrial application	Mobility	Energy	Housing application	Other
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2. Partnerships and spillover effects

[Write a short description of the types of partner(s) you are seeking and in which part of the value chain– max 200 words]

We are **searching for partners** within the field of Power2X and the entire support of the field. The focus should also be on regulation and holistically on market maturation / sector coupling so that the technologies are used in the right contexts / industries.

Partners we are seeking: We wish to support the process, by being a link between:

1) research institutions and 2) companies developing the technology and 3) the buyers of the products for implementation. These three instances are the partners in the field we are seeking. MARLOG acts as a facilitator. We clarify technologies / processes needed to achieve goals and support product and business development with projects and networking and matchmaking.