

HYDROGEN CONSULTING

across the value chain



UNLOCKING THE POTENTIAL OF HYDROGEN AT PORTS AND TERMINALS

Ports play a significant role in the hydrogen value chain as they can act as hubs for hydrogen distribution, transportation and even production. This requires the development of dedicated infrastructure and the integration into existing systems. With its ability to provide access to various modes of transportation, ports are crucial to accelerate the application of hydrogen in different sectors.

ABOUT | At HPC, with our hydrogen consulting services we can help businesses navigate the complexities of the hydrogen market and identify new business models, providing valuable insights into current market developments. Our team of experts works in close collaboration with clients to identify opportunities for hydrogen integration, assesses the feasibility of various projects, and develops bespoke solutions that are tailored to their unique requirements and to achieve the decarbonization of various industries.

VALUE | Our team excels in problem-solving, working collaboratively with clients to identify and address key challenges in their operations. By providing customized solutions, we help businesses overcome obstacles and achieve their decarbonisation goals, all while maximizing efficiency and profitability. With our support, ports and terminals can unlock the full potential of hydrogen, to reduce their carbon footprint and establish themselves as leaders in sustainable energy.

OBJECTIVE | By partnering with HPC, businesses can gain a competitive advantage in the emerging hydrogen market, while accelerating their transition towards a more sustainable future.

PROJECTS DELIVERED

Projects in Germany,
India, Malaysia and
Saudi Arabia delivered

CLIENTS

Terminal operators,
port operators,
governments, airports

SCOPE OF SERVICE

At HPC, we offer a comprehensive range of hydrogen consulting services to help businesses navigate the complexities of the emerging hydrogen market. Our scope of services includes:

LOGISTICS CONCEPTS | We develop concepts for the integration of ports and terminals into evolving and emerging logistics chains, as well as for the creation of their own hydrogen hubs.

BUSINESS PLANNING | Our team of experts works closely with clients to analyze the economic potential of hydrogen and develop customized business plans that align with their unique needs and goals.

FEASIBILITY STUDIES | We conduct in-depth feasibility studies to investigate the potential for hydrogen infrastructure, identifying key opportunities and addressing any obstacles that may arise.

TERMINAL & PORT EQUIPMENT | We support our clients with integration concepts for new technologies in the field of terminal and port equipment, ensuring that day-to-day operations are not impacted while benefiting from the latest advancements.

CO-FUNDING FOR EU MEMBERS | We assist clients in securing co-funding opportunities for their hydrogen projects, leveraging our extensive network of contacts in Germany and throughout the EU.

ACTIVE MEMBER

HPC supports the innovation cluster Clean Port & Logistics. This initiative is set to explore and test various technologies and use cases for hydrogen, and we are excited about the results that will be obtained. At HPC, we believe in the added value that these findings will bring to our customers in the long-term. Read more here: www.hydrogenports.org



SUSTAINABILITY SERVICES AT A GLANCE

