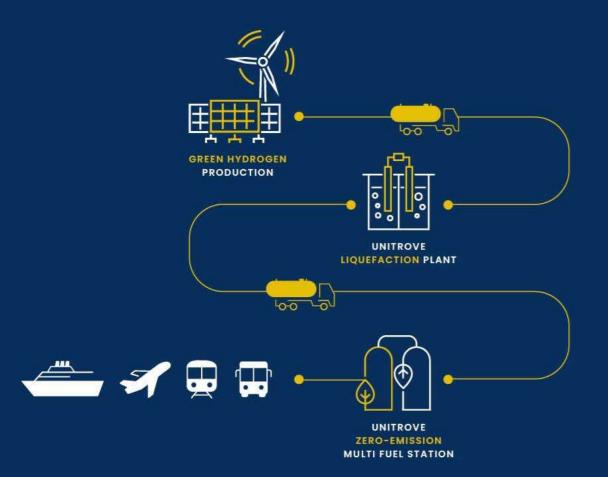


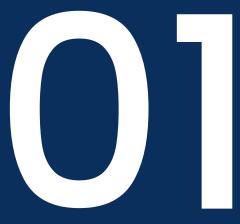


Our Vision





The Shipowners' Challenges





A Global Problem



Air Pollution

Just a handful of ships on our oceans today produce more pollution than all the cars in the world.

1 Billion Tonnes

of greenhouse gases are emitted each year by an industry that thrives on heavy fuel-oil.



Health Risks

International shipping is a hard-to-abate sector. It accounts for around 3% of annual global GHG emissions (one billion tonnes).

Premature deaths

400,000 + 14 million cases of childhood asthma yearly

The Shipowner's Perspective



External pressures are mounting

International Maritime Organization (IMO)

• Net-zero "by or around 2050" (MEPC 80 GHG strategy)

CoZEV Agreement

 Cargo owners pledge to be net-zero by 2040 (including Amazon, Ikea, Unilever)

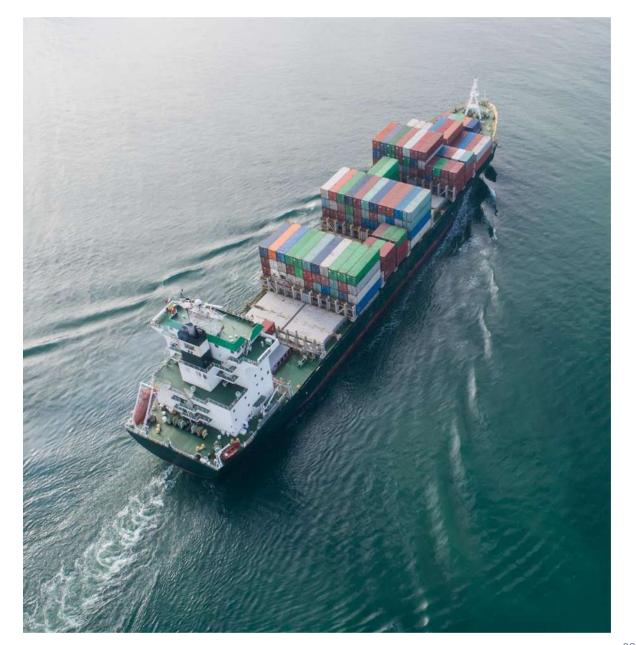
Poseidon Principles

• Private banks and ship insurance companies taking steps for responsible financing and insurance of ships



Lack of infrastructure for clean fuels

Ship-owners are increasingly under pressure to make the transition to clean fuels. However, without the necessary infrastructure in place, this transition cannot happen.



The Shipowner's Concerns in the Race to Zero





Fear of being left behind



Bans, taxes & cancel culture



Backing the wrong fuel



Buying dud technology



Paying too much money



Failing to execute



Delivering no impact



Reinventing Infrastructure

























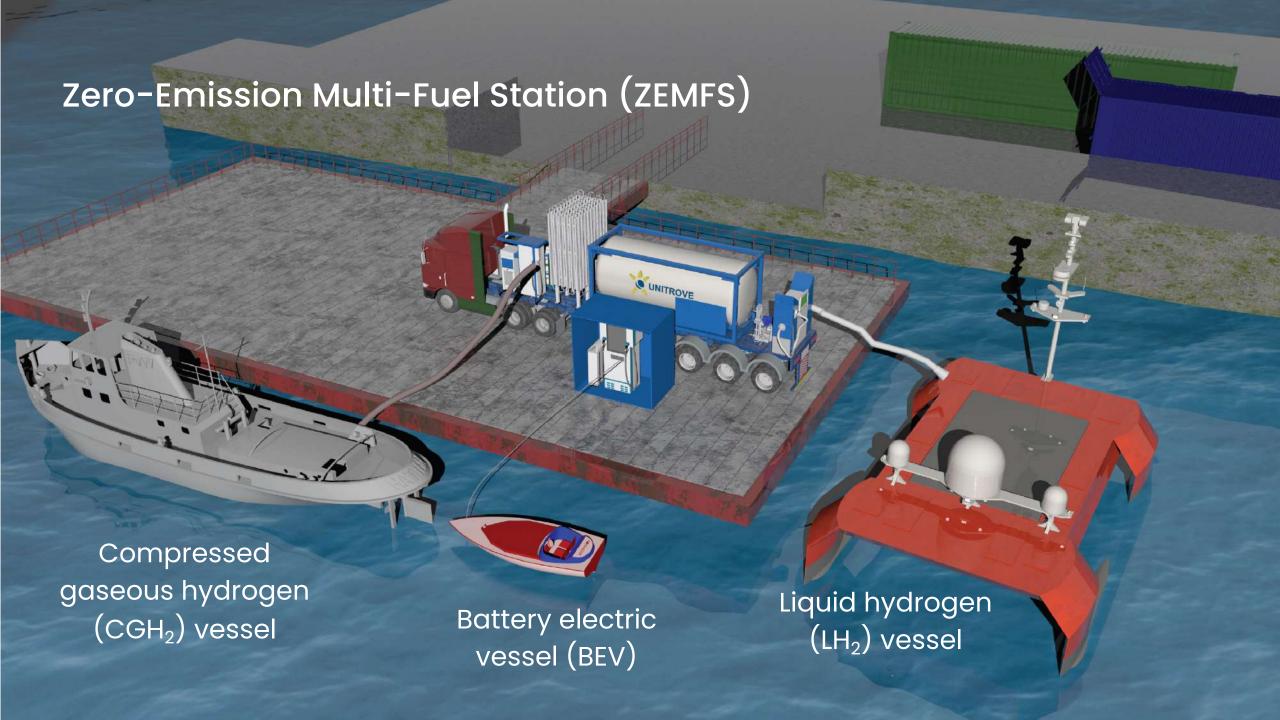






Introducing: Zero-Emission Multi-Fuel Station (ZEMFS)

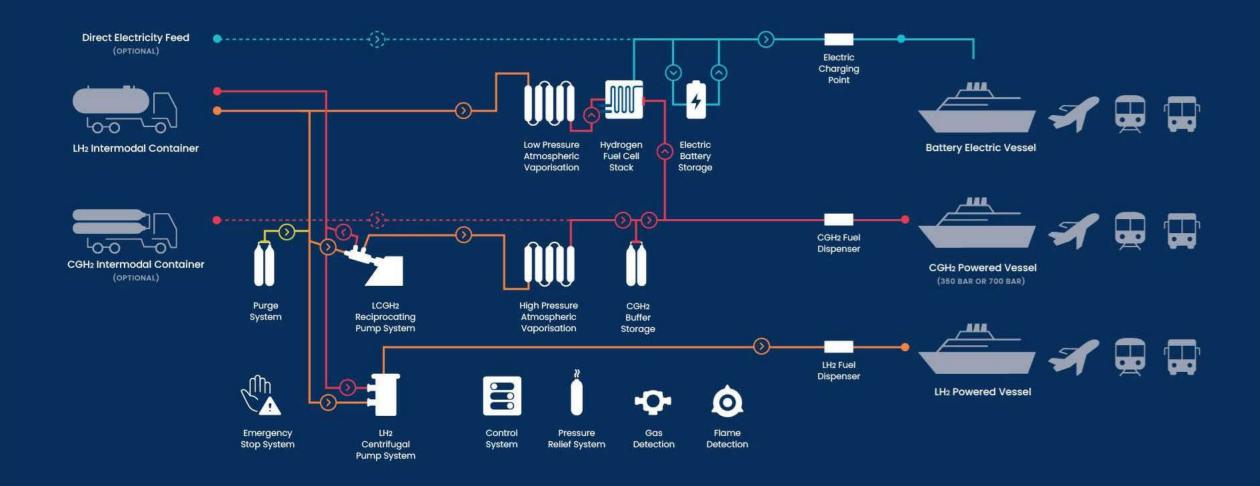




Zero-Emission Multi-Fuel Station (ZEMFS)

Liquid Hydrogen (LH₂) | Compressed Gaseous Hydrogen (CGH₂) | Electricity



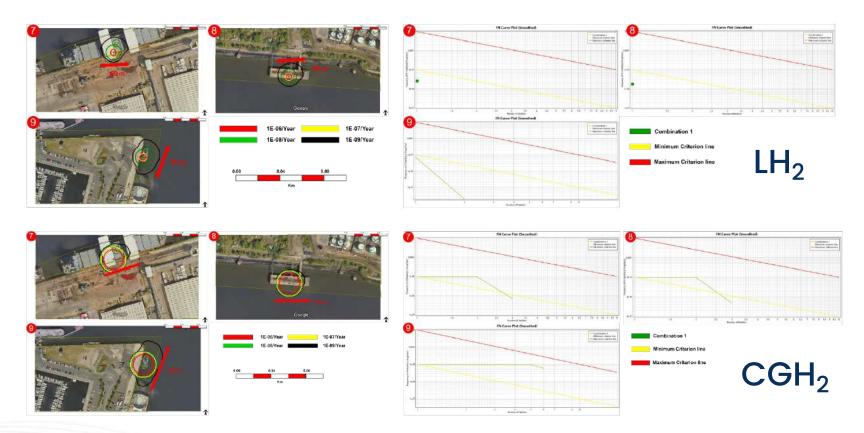




Safety and Regulations

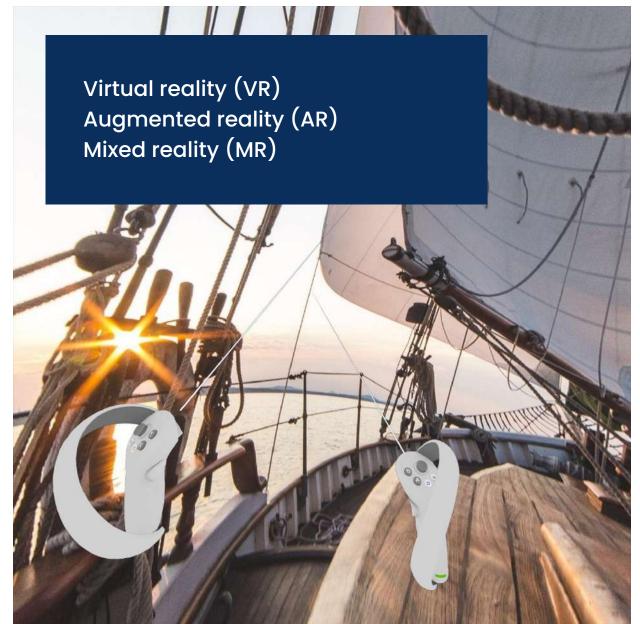






Training and Visualisation



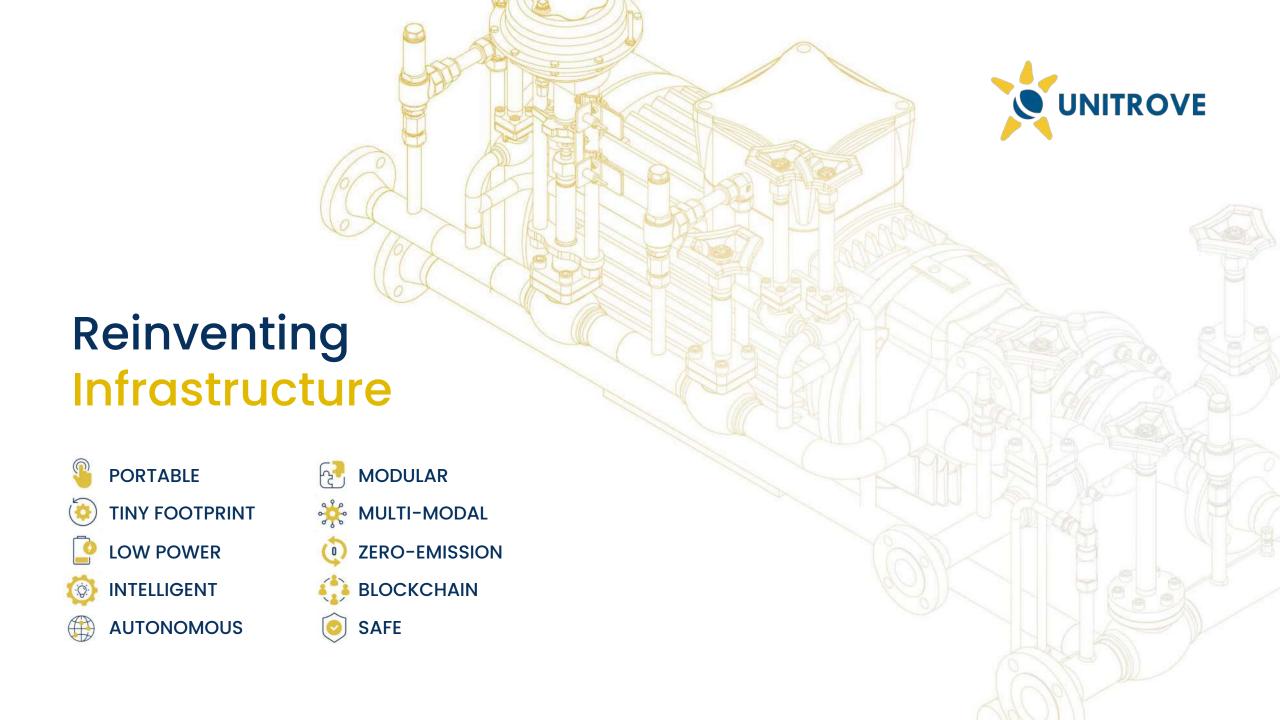




Kickstart solution to the Shipowners' Challenges







Holistic approach to sustainability is a must

By embracing the UN Sustainable Development Goals (SDGs) as a complete framework, this helps us to contribute towards all goals collectively without compromise.



































