

LH2CRAFT

SAFE AND EFFICIENT MARINE TRANSPORTATION OF LIQUID HYDROGEN



Project ID	101111972
PRR 2024	Pillar 2 – H ₂ storage and distribution
Call topic	HORIZON-JTI-CLEANH2-2022-02-06: Development of large scale LH ₂ containment for shipping
Project total cost	EUR 5 627 595.94
Clean H ₂ JU max. contribution	EUR 5 627 595.94
Project period	1.6.2023–31.5.2027
Coordinator	Hydrus Anotati Synektiki Michaniki Etaireia Symvoulon Anonymi Etaireia, Greece
Beneficiaries	American Mpiro of Siping Hellenic Monoprosopi Etaireia Periorismenis Evthinis, Bureau Veritas Marine & Offshore – registre international de classification de navires et de plateformes offshore, Cegelec NDT-PSC, EASN Technology Innovation Services BVBA, Ethnicon Metsovion Polytechnion, Foundation Wegemt – A European Association of Universities in Marine Technology and Related Sciences, Gabadi SL, HD Korea Shipbuilding & Offshore Engineering Co., Ltd, Panepistimio Patron, RINA Services SpA, Technische Universität Dresden, TWI Limited, University of Strathclyde

<https://lh2craft.eu/>

PROJECT TARGETS

Target source	Parameter	Unit	Target	Target achieved?
SRIA (2021–2027)	LH ₂ ship tank CAPEX	€/kg	< 10	
	Boil-off	%/day	< 0.5	
	LH ₂ ship tank capacity	t	2 900 per tank	

