

Market Outlook/ Financing Issues

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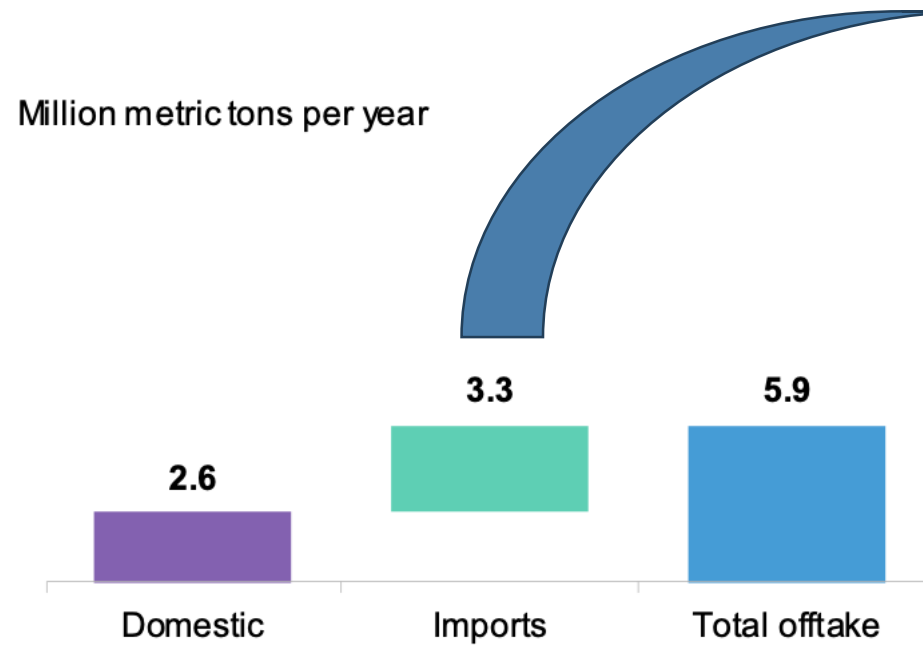
Partner | Director

WATERMEAN
SUSTAINABLE BLUE INNOVATION

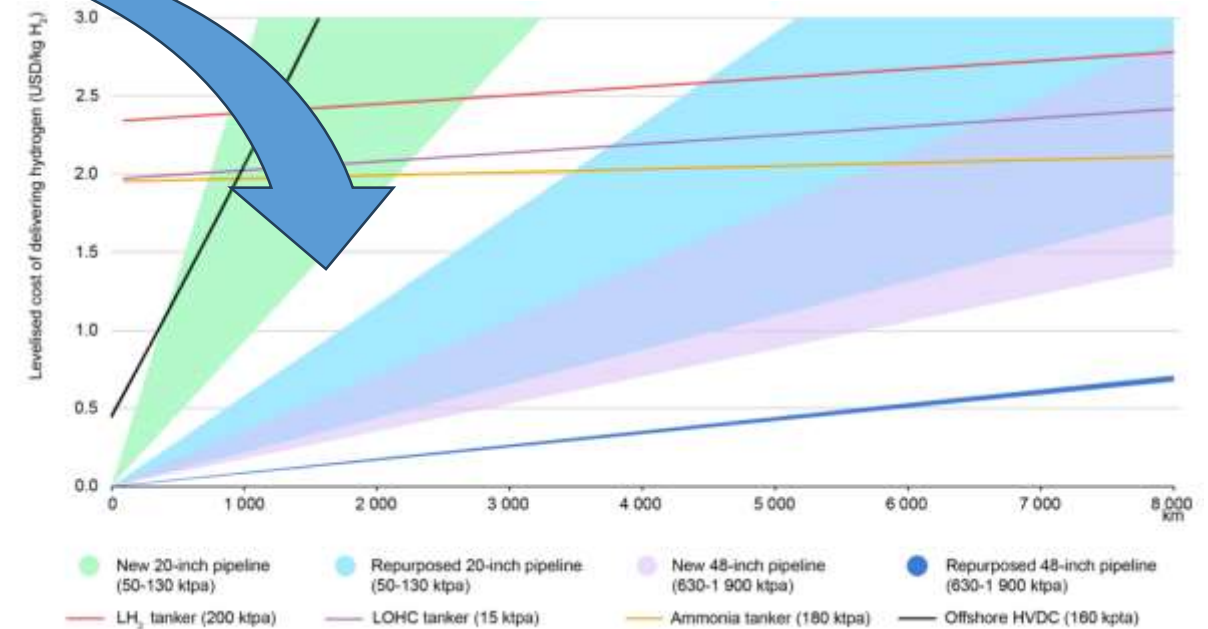
POSIDONIA 2024, Athens, Greece, 07/06/2024

Workshop on LH₂CRAFT project developments and overview of present and future of H₂ in waterborne transportation

Market Outlook



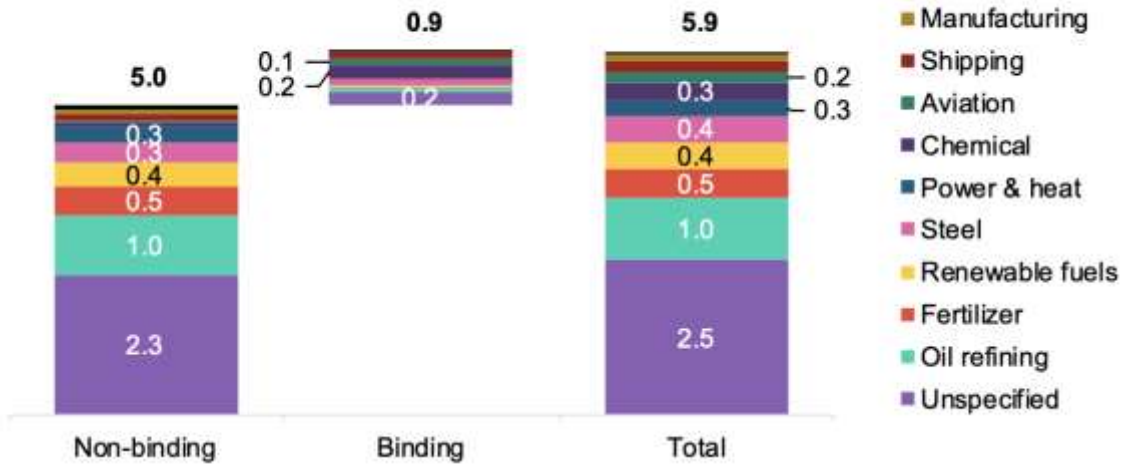
Annual low-carbon hydrogen supply in offtake discussions with European buyers by production origin (BloombergNEF & OIES, 2024)



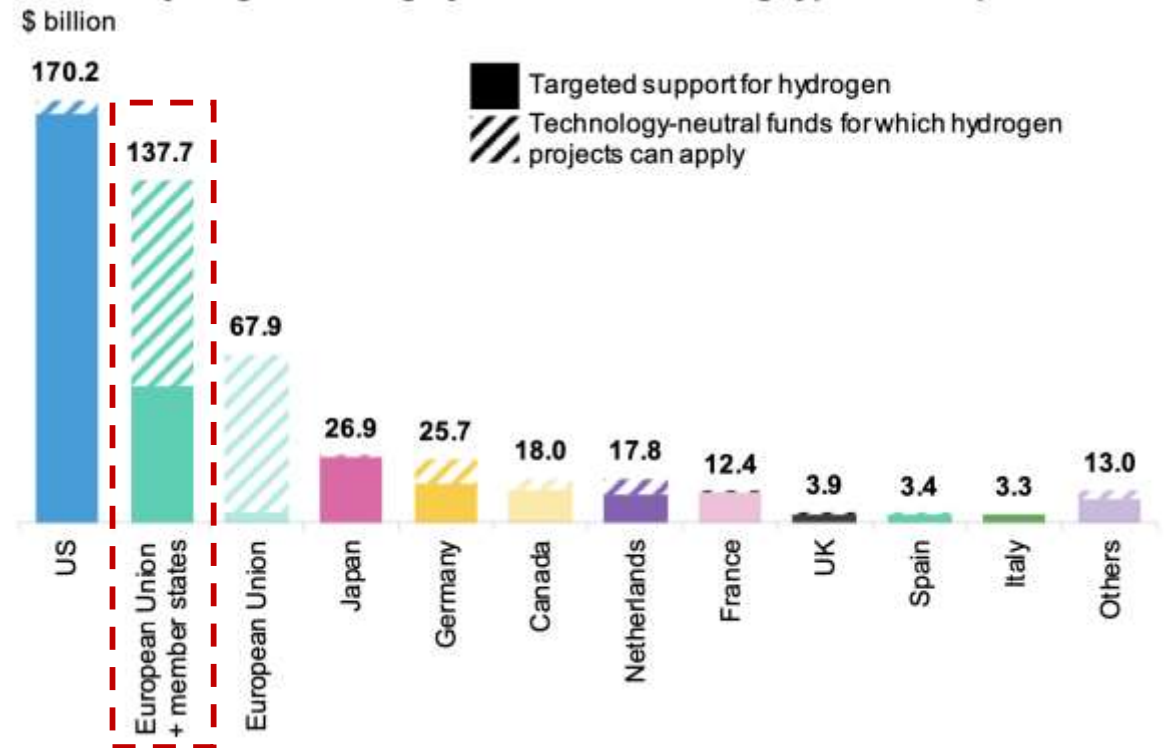
Levelized transport costs for hydrogen in 2030 by ship, onshore pipeline, and offshore cable, as functions of transportation distance (IEA, 2022)

Market Outlook

Million metric tons per year



Annual low-carbon hydrogen supply in offtake discussions with European buyers by contract type (BloombergNEF & OIES, 2024)



Estimated hydrogen funding by market and funding type (BloombergNEF & OIES, 2024)

Financing Tools

Tool	Eligible Scope	Timeline	Funding Rate
HorizonEurope	No specific conditions apart from certain technology readiness level of the demo technology.	No open calls	60-70% of CAPEX and OPEX
CEF T AFIF	- Must apply together with bunkering infrastructure developer. - Retrofit of main propulsion to hydrogen, methanol, or ammonia - Vessel must operate under the law of a Member State of the EU and serving EU cargo destinations predominantly for at least 5 years after the retrofit.	24/09/2024 11/06/2025 17/12/2025	50% for infrastructure 30-50% of CAPEX difference between a fossil-fuel vessel and the zero-emission vessel
Innovation Fund	Innovative decarbonization technologies for pilot projects up to large scale fleet wide applications	Every year	60% of relevant costs CAPEX & OPEX

- ✓ Identify and mature feasible projects
- ✓ New or repurpose/convert old assets
- ✓ Secure the supply chain (supply and infrastructure)
- ✓ Work with capable technology suppliers
- ✓ Combine efforts with supply chain stakeholders to pursue funding



LinkedIn Account

<https://www.linkedin.com/showcase/lh2craft/>

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Thank you!