



Waterborne
Transport

TrAM



**HORIZON
EUROPE**

TrAM

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Kolumbus AS – Project Manager TrAM

Transport – Advanced and Modular

Decarbonising Waterborne Transport



The TrAM project

- Expert consortia :

- Rogaland County
 - Kolumbus*
 - Uber boats by Thames Clippers
 - De Vlaamse Waterweg
 - National Technical University of Athens - NTUA
 - Fraunhofer IEM/IAO
 - University of Strathclyde
 - Hamburgische Schiffbauversuchsanstalt GMBH
 - NCE Maritime Cleantech
 - Leirvik AS
 - Wärtsilä
 - Fjellstrand AS
 - Servogear AS
 - Hydro Extrusion Norway



- Budget €15M with EU support of €11M

- Duration from Sep-18 until Feb-23 (54 months)

Achievements

- Modularity methods developed
- Hull-optimization – significant impact
- Demonstrator vessel is completed
 - *Performance is very good*
 - *Cost of production in-line with budget*
 - *Charging infrastructure established*
 - *...and delivered through a period of pandemic and war in Europe*
- Awarded “Ship of the year 2022”



Next Steps

- Project completion:
 - Experiences from design, production and operation of Demonstrator to be assessed
 - Replicator cases (London and Flandern) to be developed
- Worldwide interest in the Stavanger Demonstrator
 - Dissemination of project and demonstrator has been, and will continue to be, very important
 - Commercialization and exploitation activities ongoing





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Q&A ?

Speaker will be available on the stand for the remainder of the day.

Contacts:

- TrAM project website: <https://tramproject.eu/>
- TrAM project on LinkedIn: <https://ie.linkedin.com/company/tram-h2020>
- TrAM project on Facebook: <https://www.facebook.com/EUtram/>
- Project Contact details: Mikal Dahle (Project Manager), email: mikal.dahle@kolumbus.no, mobile: +47 97087092
- Horizon Europe Horizon Europe | European Commission (europa.eu)
- Waterborne TP: [Welcome to Waterborne - Setting the agenda for Maritime Research in Europe - waterborne.eu](https://waterborne.eu)