



Waterborne Transport



HORIZON EUROPE

“Opportunities for EU support for
Waterborne transport”

Gabriel Mialocq

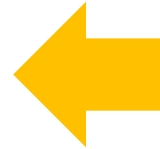
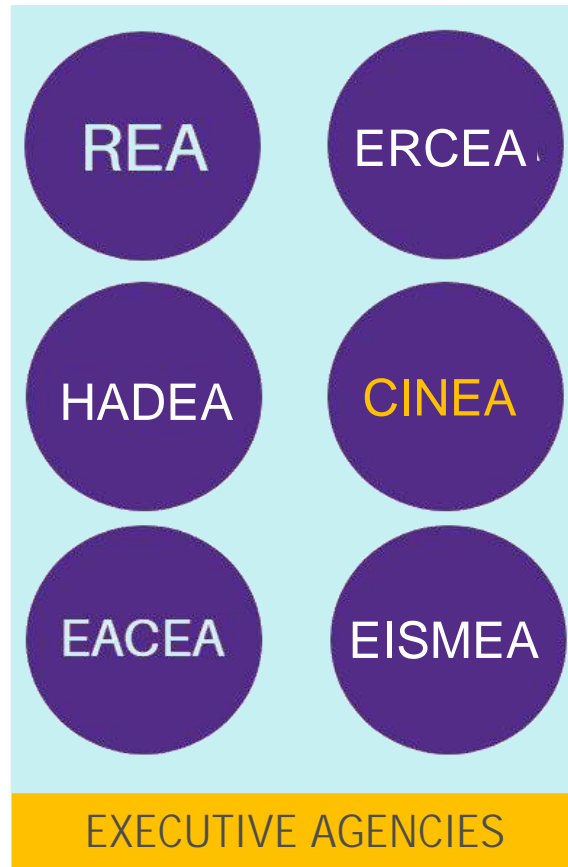
Head of Sector C.3 Clean Transport Industry CINEA

Georgios Charalampous

Project Officer: C.3 Clean Transport Industry CINEA

SMM 2022 Fair, Hamburg

EU institutions



The European Climate Infrastructure and Environment Executive Agency (CINEA)



~ **58 billion** for the period
2021-2027



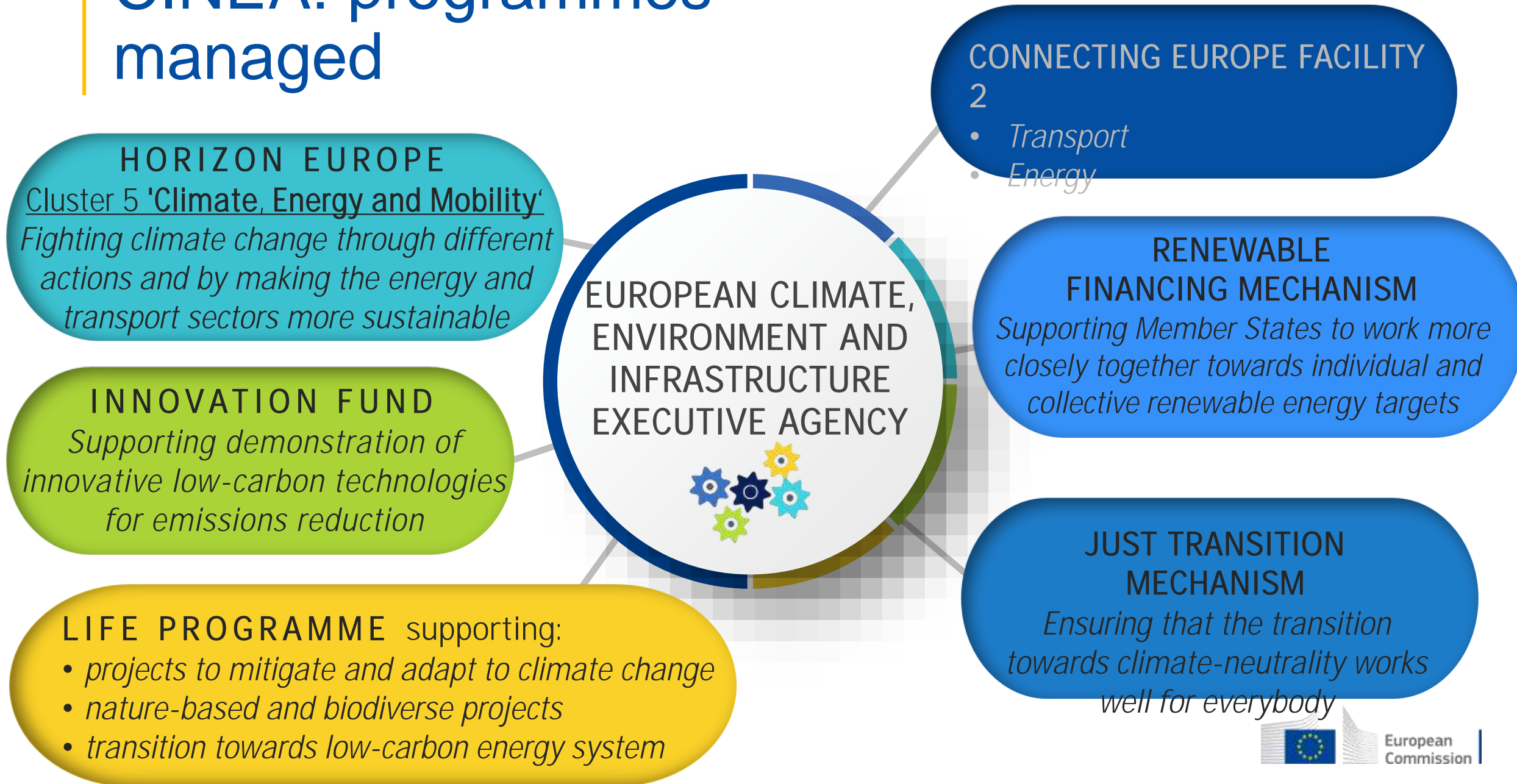
> **500 staff** by 2027



From **2800+** projects
managed in October 2021
to > **4500 projects** in 2027

- **Policy feedback** as an essential part of funding activities
- Expertise at the service of **beneficiaries** in managing the complete lifecycle of projects
- Exploitation of **synergies** and dynamic ways to work across programmes

CINEA: programmes managed



CINEA

The H2020 Waterborne portfolio

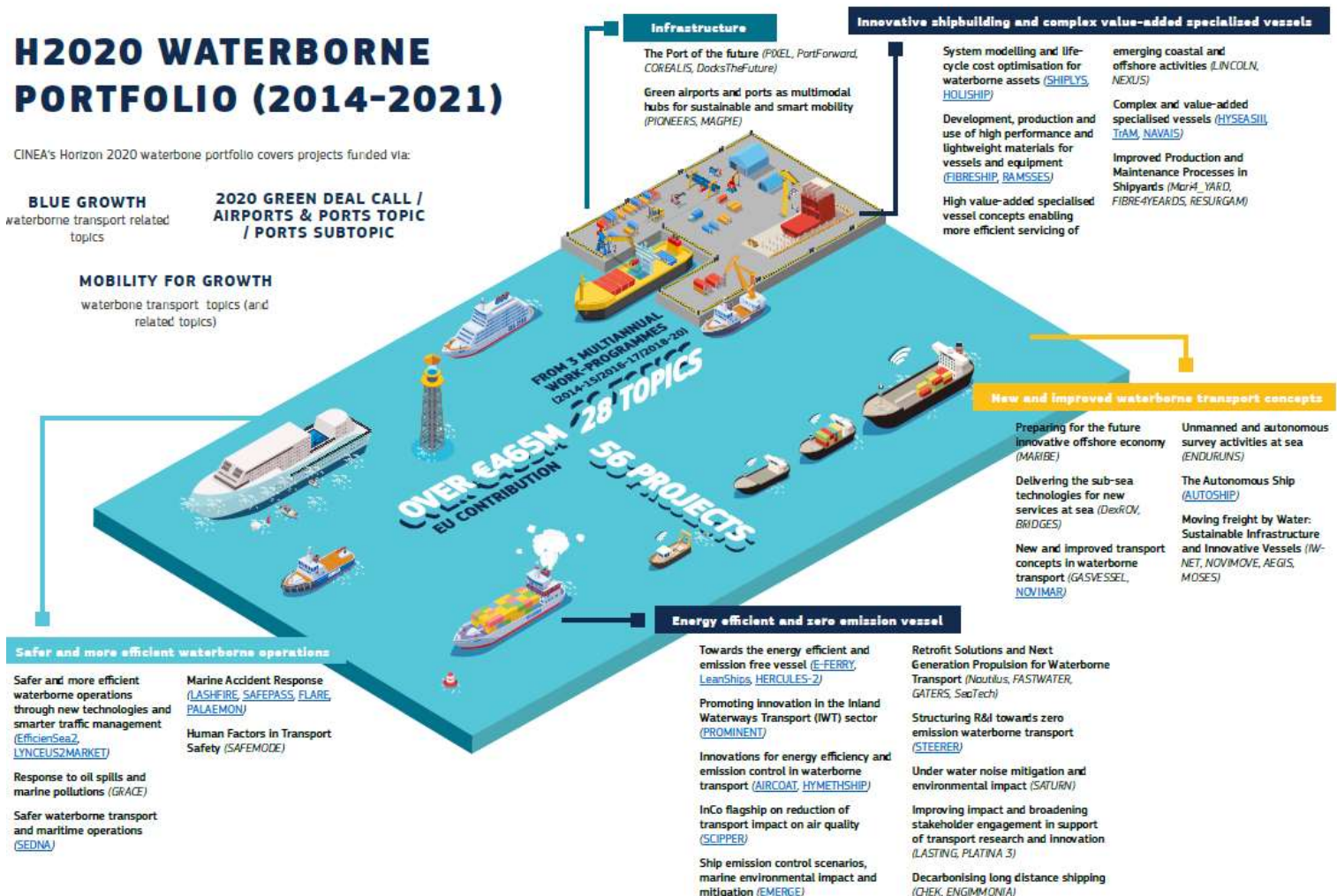
H2020 WATERBORNE PORTFOLIO (2014-2021)

CINEA's Horizon 2020 waterborne portfolio covers projects funded via:

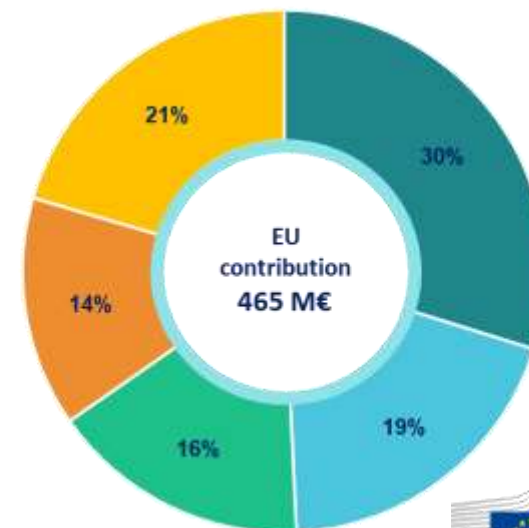
BLUE GROWTH
waterborne transport related topics

2020 GREEN DEAL CALL / AIRPORTS & PORTS TOPIC / PORTS SUBTOPIC

MOBILITY FOR GROWTH
waterborne transport topics (and related topics)



- Energy efficient and zero emission vessel
- Innovative shipbuilding and complex value-added specialised vessels
- Safer and more efficient waterborne operations
- Infrastructure
- New and improved waterborne transport concepts





- 4 Calls evaluated (15 waterborne related research topics)
 - 2021 and 2022 - D5: Clean and competitive solutions for all transport modes
 - 2021 and 2022 D6: Safe, Resilient Transport and Smart Mobility services for passengers and goods
- 28 Projects started or under Grant Agreement Preparation (200Mil EU funding)
 - *Alternative fuels*
 - *Energy efficiency on-board*
 - *Electrification*
 - *Digitalisation*
 - *Safety*

- **Fighting climate change**
- **Make the energy and transport sectors more sustainable**

Strategic Policy Framework for Waterborne Transport:

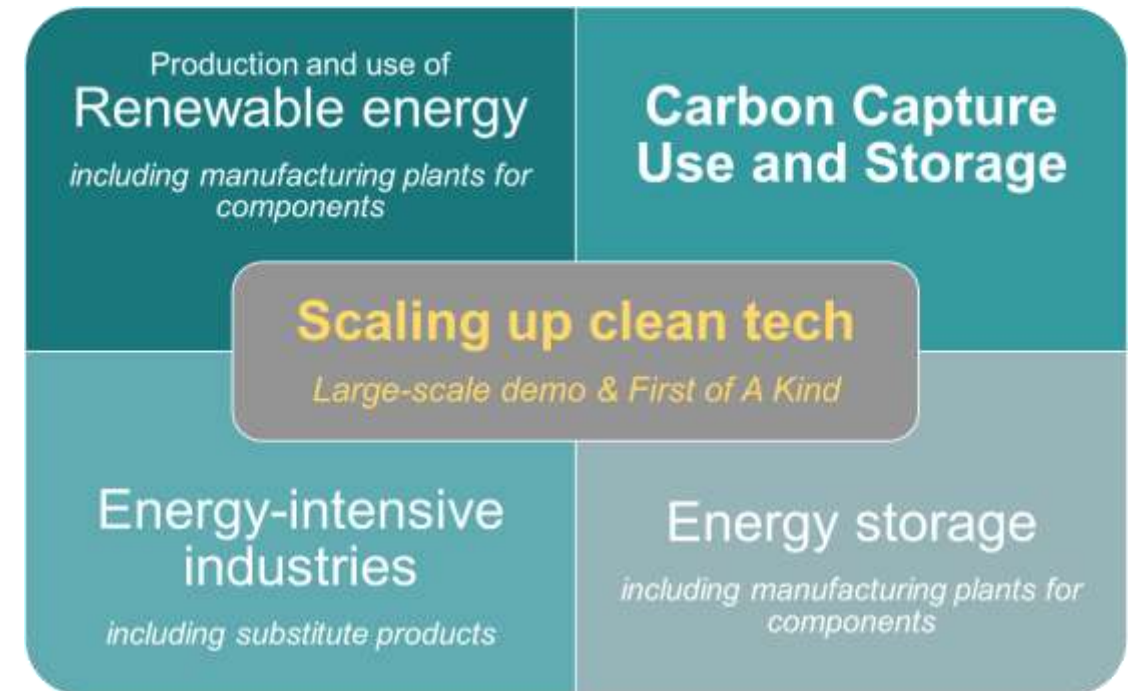
To accelerate the transition towards zero emission waterborne transport whilst exploiting opportunities from digitalisation and increasing the competitiveness of the European Waterborne transport sector within global markets.

Innovation Fund

and its waterborne perspective



- The Innovation Fund will provide around EUR 38 billion of support from 2020 to 2030, depending on the carbon price, for the commercial demonstration **of innovative low-carbon technologies**, aiming to bring to the **market industrial solutions to decarbonise Europe** and support its transition to climate neutrality.
- CINEA currently manages **7 large-scale projects (total grants of around €1 billion)** and 30 small-scale projects (total grants of around €100 million).
- Example of eligible projects:
 - ships propelled by renewable energy (for example hydrogen or wind-assisted propulsion) and
 - ports meeting their energy needs by switching to renewable sources (for example port energy system based on photovoltaic solar energy).



Connecting Europe Facility (CEF2) and its waterborne perspective



- **Alternative Fuels Infrastructure Facility:** Recharging/refuelling infrastructure; Maritime and IWW Vessels, energy bunkering vessels (electricity; H2...). Open call (1,5bn€) with several cut of dates (next November 2022)
- **Motorways of the Sea:** Upgrade of port infrastructure, Facilitation of Short Sea Shipping through ICT platforms
- **Maritime and Inland Ports:** Facilitation of port access, Shore-side electricity supply, Rail/road connections within the port
- **European Maritime Single Window environment (EMSWe)**
- **Vessel Traffic Monitoring and Information Systems (VTMIS)**
- **River Information Services (RIS),** inland single window, inland port community systems

European Maritime, Fisheries and Aquaculture Fund (EMFAF) and its waterborne perspective



20 waterborne related projects funded under 2014-2020 for a total €26,4M. Check their stories [here](#)

EMFAF:

- Supports more sustainable **fishing and aquaculture** practices
- Supports the growth potential of the **blue economy**
- Protect **marine ecosystems**

Seabasin Strategies with a high interest on:

- Green shipping in the Western Mediterranean Region
- Ports in the Atlantic

Forthcoming Funding opportunities

Horizon Europe

- Work Programme 2023-2024 under finalisation
- Budget for waterborne: Expected 160mil
- Next Call:
 - Launch: **December 2022**
 - Deadline **April 2023**
- Areas covered
 - *Alternative carbon neutral fuels*
 - *Electrification*
 - *Digitalisation-Automation*
 - *Underwater noise abatement*
 - *New Business models for decarbonisation*

Innovation fund

Large Scale Demonstrators 2023

Launch: **November 2022**

Deadline: **March 2023**

Results: **Q3 2023**

Budget: expected EUR 3 bn

Small Scale Demonstrators 2023

Launch: **Q2 2023**

Deadline: **Q3 2023**

Results: **Q4 2023**

Budget: expected EUR
100 million

Forthcoming Funding opportunities

CEF 2

Alternative Fuels Infrastructure Facility
(AFIF) Calls:

Areas covered:
Recharging/refuelling infrastructure
(electricity, H2 and LNG), Maritime and
IWW Vessels (electric and H2), LNG
bunkering vessels, LNG storage

Open Call with several submission
deadlines:

10 November 2022,

13 April 2023,

19 September 2023.

Budget: **€1,575 billion**

EMFAF

Blue careers and Regional flagships
call:

Launch: **October 2022**

Deadline: **April 2023**

Budget: **€13 mil**

**INFODAY on 24th November 2022:
Blue careers and Regional flagships
call**



CLUSTER 5 Climate, Energy, Mobility

Application best practices for Horizon Europe



Tip 1: Be ambitious and realistic

1. Calls are very competitive

- for a single stage call success rate is ~35%

2. Ambition, progress beyond State of the art and methodology:

- Clear and pertinent objectives. Explain well how will you meet the requirements of the topic
- Is the proposed work ambitious and goes beyond State of the art? Is it realistic within the project work frame?

Tip 2: Understand call conditions and text



Consult **FAQ's** in good time –
or ask your own **question!**

Tip 3: Define your outcomes and impacts



- **Outcomes** Expected effects of the projects results, over the medium term.
- **Impacts** Wider, long term effects on society, economy and science, enabled by the outcomes of R&I investments.

Tip 4: Build an effective work plan & good project team

Effective work plan;
risks & mitigation
measures

Resource allocation is in
line with Work Plan

Partners have sufficient
capacity, a clear and justified
role in the project

Industrial/business/users
participation

Tip 5: Simple to digest

Use graphics

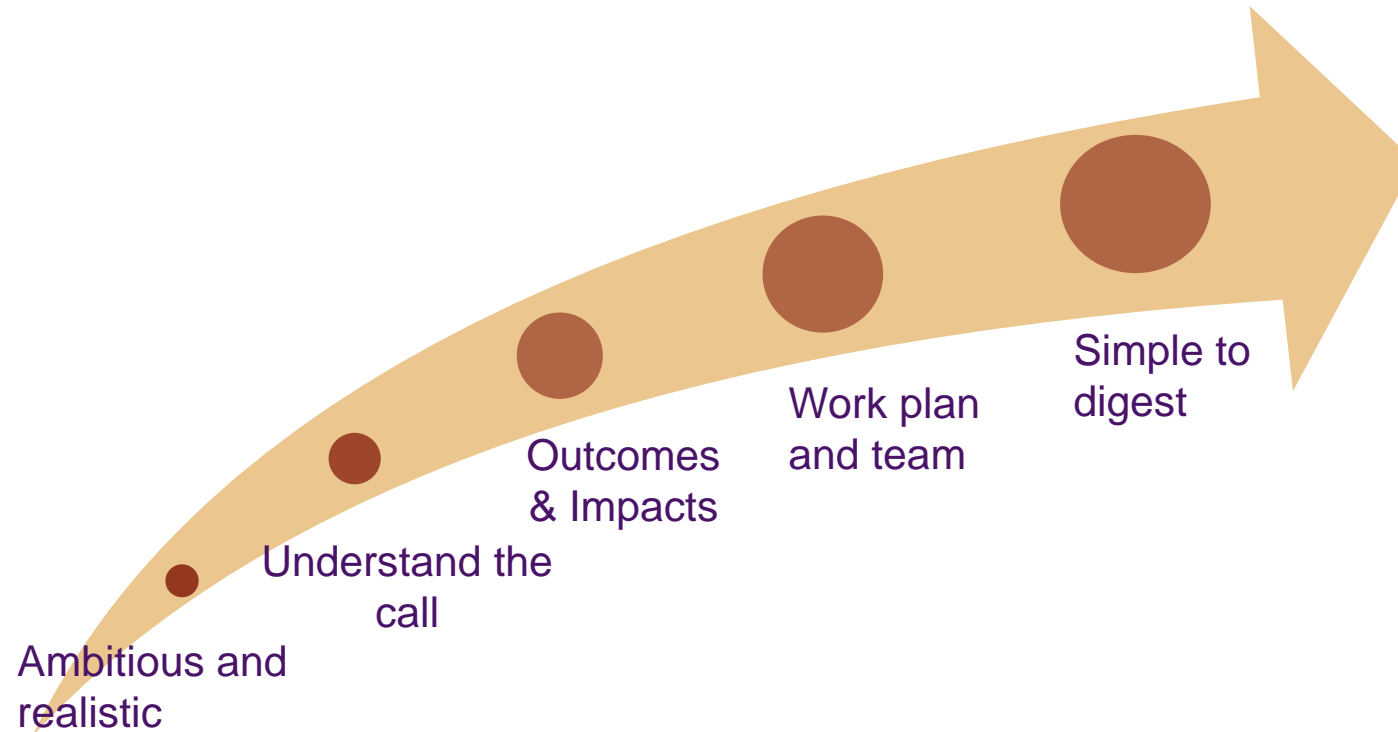
Easy to follow

No tiny fonts
or tight line spacing

Respect page limits

Easy language for non-native English speakers...

5 steps to success



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applying?**

**Become an
evaluator!**

Sign up now



Check all necessary information on-line

- [Funding and Tenders Portal](#) – One single portal for all Programmes
- [CORDIS](#) – Projects funded by the EU
- [Horizon Europe](#) (HE)– The research and innovation funding programme until 2027

Check the CINEA Programmes on-line

- [HE Cluster 5: Climate, Energy and Mobility](#) – The dedicated cluster for research and innovation in transport and energy
- [Innovation fund](#) - Funding demonstration of innovative low-carbon technologies.
- [CEF 2](#): Funding Infrastructure for alternative fuels
- [EMFAF](#): Funding sustainable blue economy

What to remember...

- CINEA and its programmes are here to implement the Green Deal and help you innovate and go green
- For low TRLs look into the **Horizon Europe (HE)** programme
- For higher TRLs and more mature technologies look into the **Innovation Fund (IF)**
- Have a concrete idea and necessary good representation of business partners and users in projects to ensure market uptake.
- Calls for all programmes to be launched in **Q4-2022!**

So stay tuned on the funding and tender portal and CINEA's website!

Keep in touch - CINEA



cinea.ec.europa



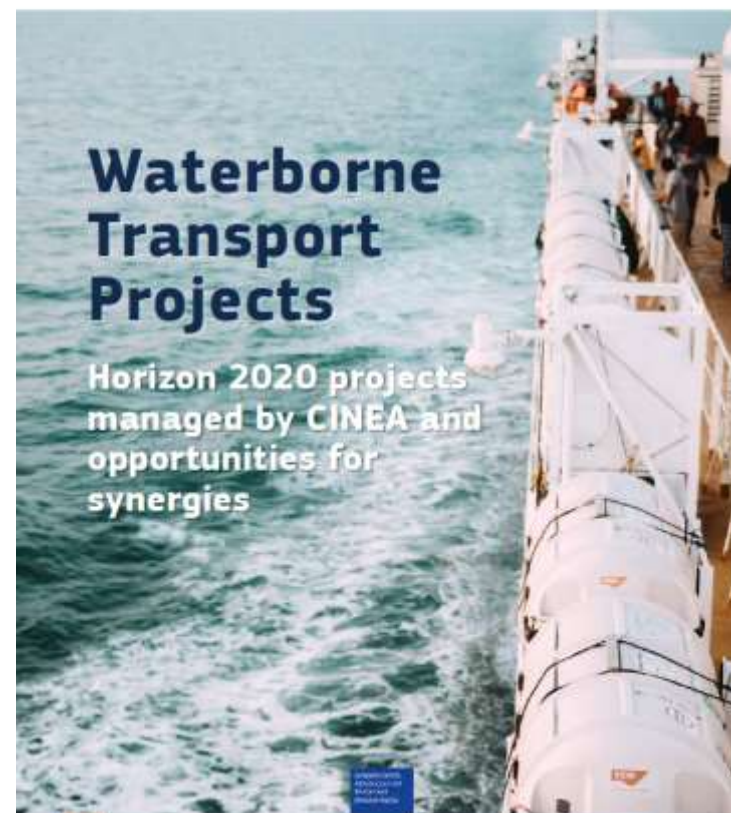
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[CINEA - European Climate, Infrastructure
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Thank you



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