

Horizon Europe Cluster 5: Climate, Energy & Mobility

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Horizon Europe National Contact Points (NCPs)

Team of national advisors, appointed by the Government to support UK organisations to successfully participate in Horizon Europe by:

- Raising Awareness of the programme
- Helping you find the right Topic
- Identifying the best ways to find partners
- Navigating the EU funding & tender opportunities portal
- Developing the proposal
- Answering any other Horizon Europe related questions

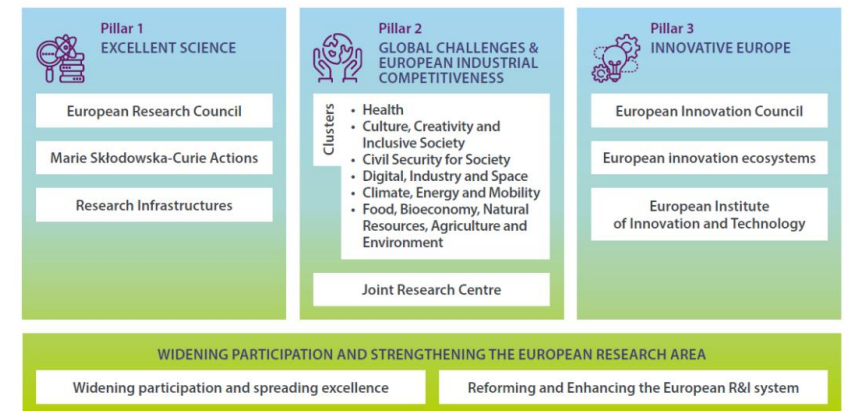


<https://www.gov.uk/business-finance-support/horizon-europe-funding>

Find National Contact
Points from all
participating countries

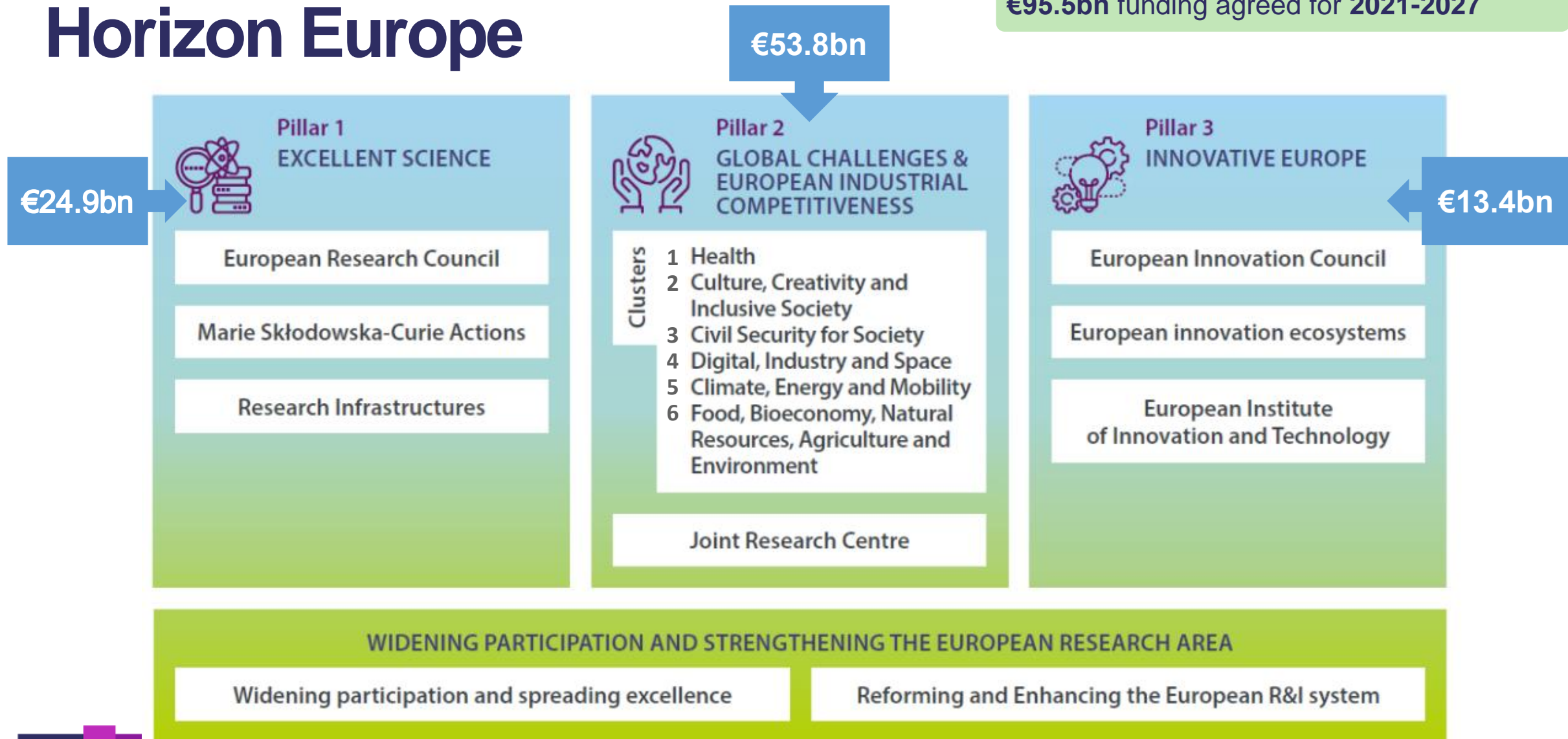
What is Horizon Europe?

- Horizon Europe is the current EU's Framework Research and Innovation funding programme.
- It is the largest R&I funding programme in the world, with a budget of over £81bn for 2021-27.
- The programme is divided into three main parts:
 - Pillar 1 supports excellence in science
 - Pillar 2 focuses on solving global challenges through collaborative research & innovation
 - Pillar 3 supports business growth and competitiveness
- Other parts of Horizon also include support for research infrastructure and widening participation.
- Key priority areas include food, bioeconomy, climate change, health, digital, transport and mobility, space, energy, industry, civil security and humanities. The programme is open to all types of organisations of all sizes.



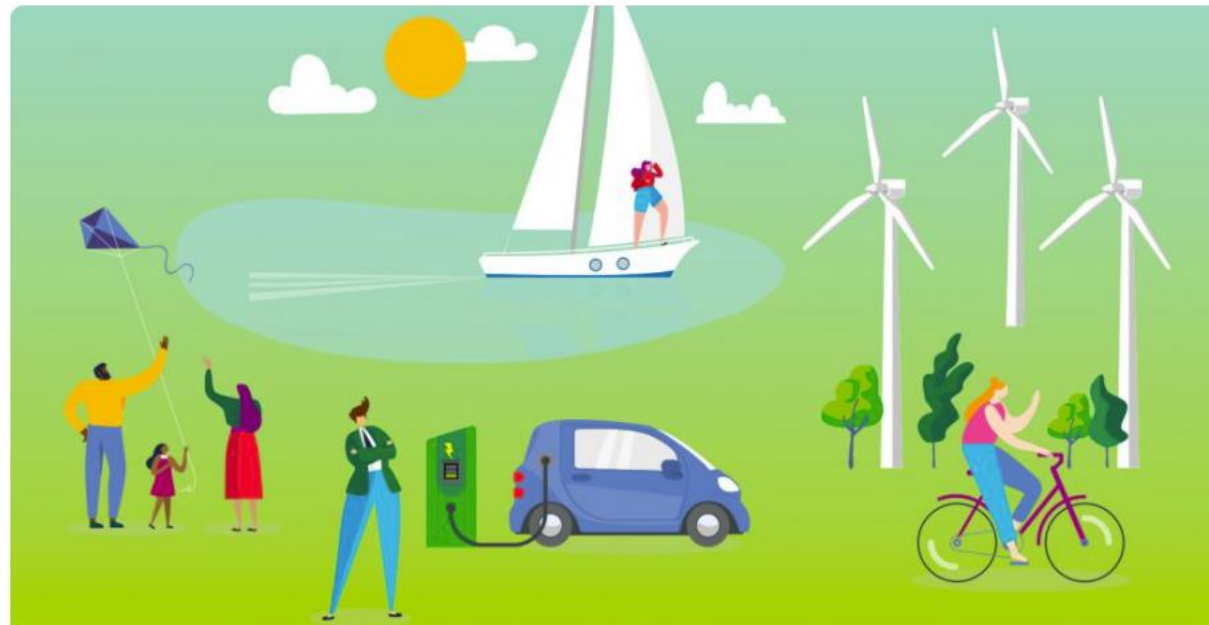
Horizon Europe

€95.5bn funding agreed for 2021-2027



Cluster 5: Climate, Energy and Mobility

Addresses issues relevant to the twin green and digital transitions and the post-COVID 19 recovery, focussing on the transformation of our economy, industry and society with a view to achieving climate neutrality in Europe by 2050. [2023-2024 Work Programme](#) and [EC video recordings for 2024](#)



Cluster 5: Climate, Energy and Mobility

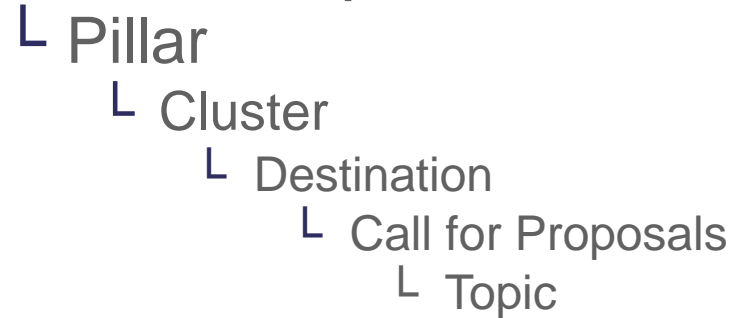
Six Destinations

1. Climate sciences and responses
2. Cross-sectorial solutions for the climate transition
3. Sustainable, secure and competitive energy supply
4. Efficient, sustainable and inclusive energy use
5. Clean and competitive solutions for all transport modes
6. Safe, resilient transport and smart mobility services for passengers and goods



Horizon Europe Competition Structure

Horizon Europe



- ‘**Topic**’ is the level at which proposals are submitted against a specified scope for a share of a specified budget, i.e. **the competition happens here**
- Topic Identifier ‘code’ is [PROGRAMME]-[YEAR]-[CLUSTER]-[DESTINATION]-[CALL]-[TOPIC]
 - e.g. HORIZON-2024-CL5-D1-01-01 (reading backwards) is the first Topic in the first Call for Proposals in Destination 1 in Cluster 5 in 2024 in Horizon Europe

Call for proposals in Destination 1

HORIZON-CL5-2024-D1-01: Climate sciences and responses

- Earth system science
 - Climate change mitigation, pathways to climate neutrality
 - Climate eco-system interactions
-
- 7 different Topics sharing €103m
 - Call opened 12th September 2023 and deadline for submissions is 5th March 2024
 - Pages 62-83 in Work Programme

Calls for proposals in Destination 2

HORIZON-CL5-2024-D2-01: Cross-sectoral solutions for the climate transition

- A competitive and sustainable European battery value chain (Batt4EU)
- Emerging breakthrough technologies and climate solutions
- 5 different Topics sharing €72m
- Call opening 7th December 2023 and deadline for submissions is 18th April 2024
- Pages 120-134 in [Work Programme](#)

HORIZON-CL5-2024-D2-02: Cross-sectoral solutions for the climate transition

- A competitive and sustainable European battery value chain (Batt4EU)
- 3 different Topics sharing €39m
- Call opening 7th May 2024 and deadline for submissions is 5th September 2024
- Pages 135-144 in [Work Programme](#)

Conall McGinley

Conall is the Horizon Europe UK National Contact Point for Cluster 5: Energy calls/topics within the Horizon Europe Work Programme and the Global Innovation Lead for Energy at Innovate UK.

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- +44 (0)7517 829 835



Calls for proposals in Destination 3

HORIZON-CL5-2024-D3-01: Sustainable, secure and competitive energy supply

- Global leadership in renewable energy
- 17 different Topics sharing €246m
- Call opened 12th September 2023 and deadline for submissions is 16th January 2024
- Pages 233-264 in [Work Programme](#)

HORIZON-CL5-2024-D3-02: Sustainable, secure and competitive energy supply

- Global leadership in renewable energy
- Carbon Capture, Utilisation and Storage (CCUS)
- 12 different Topics sharing €138m
- Call opens 17th September 2024 and deadline for submissions is 21st January 2025
- Pages 265-288 in [Work Programme](#)

Calls for proposals in Destination 4

HORIZON-CL5-2024-D4-01: Efficient, sustainable and inclusive energy use

- Highly energy-efficient and climate neutral European building stock
- 3 different Topics sharing €36m
- Call opens 7th December 2023 and deadline for submissions is 18th April 2024
- Pages 322-327 in [Work Programme](#)

HORIZON-CL5-2024-D4-02: Efficient, sustainable and inclusive energy use

- Highly energy-efficient and climate neutral European building stock (Built4People)
- 5 different Topics sharing €50m
- Call opens 17th September 2024 and deadline for submissions is 21st January 2025
- Pages 329-342 in [Work Programme](#)

Energy Innovation Funding Landscape

Global Business Innovation Programme

- Innovate UK Smart Grant
- Targeted Innovate UK/DSIT Calls
- Energy Catalyst Challenge Calls
- Knowledge Transfer Partnership funding
- EIC Accelerator

- Targeted Innovate UK/DSIT Calls
- Horizon Europe
- Eureka Eurostars
- Eureka Eurogia
- OFGEM Strategic Innovation Fund
- Innovate UK Smart Grant

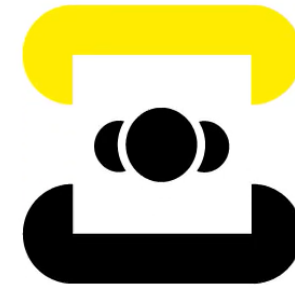


- Scottish Enterprise SMART Grant
- Scottish Enterprise CETP Grant
- Enterprise NI Grants
- Wales SMART Partnerships funding

- Energy Innovation Council Challenges
- Innovate UK Innovation Exchange

Case Study – CarbOn Neutral cluSters through Electricity-based iNnovations in Capture, Utilisation and Storage

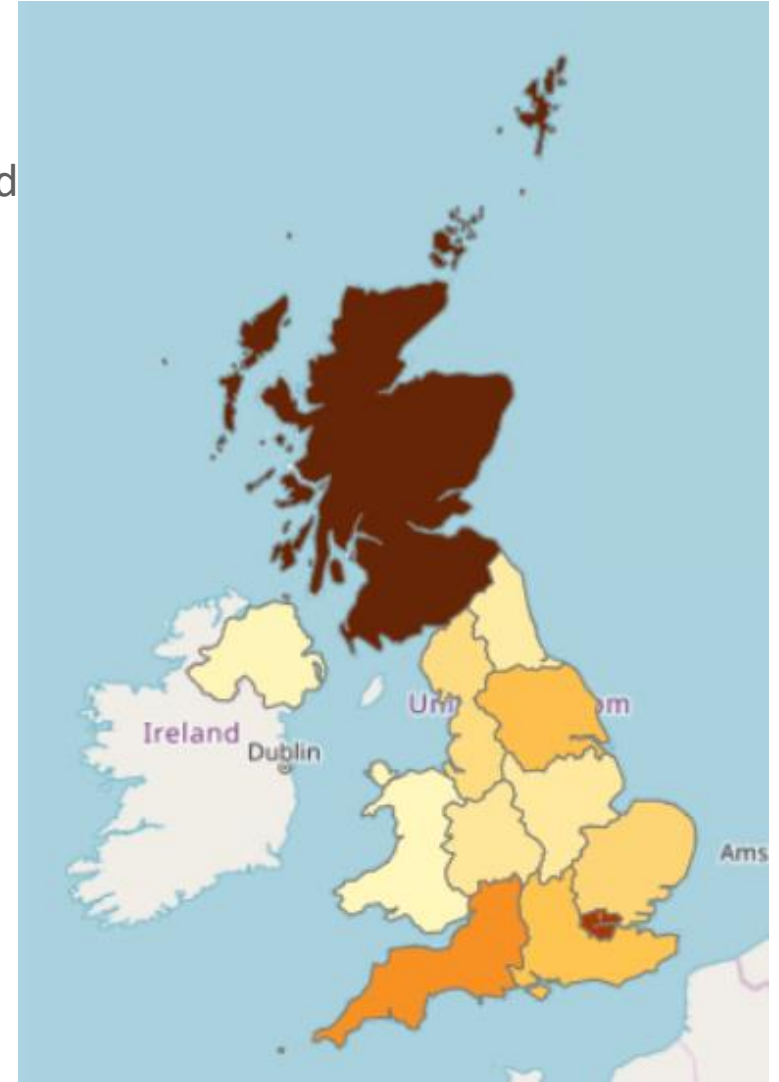
- Aims to provide an industrial plan for a net-zero carbon reality.
- To this aim it will utilise 3 electricity-based innovations:
 - carbon capture based on alkali absorption
 - methods for conversion of CO₂ to formate and formic acids for market uses
 - a safe cyclic loading system of CO₂ into salt formations and aquifers for storage purposes.
- UK Beneficiaries:
 - Net Zero Technology Centre
 - Robert Gordon University
 - Heriot-Watt University
 - UKRI
- 18 participants representing 7 countries



ConsenCUS

UK success in Horizon - Energy

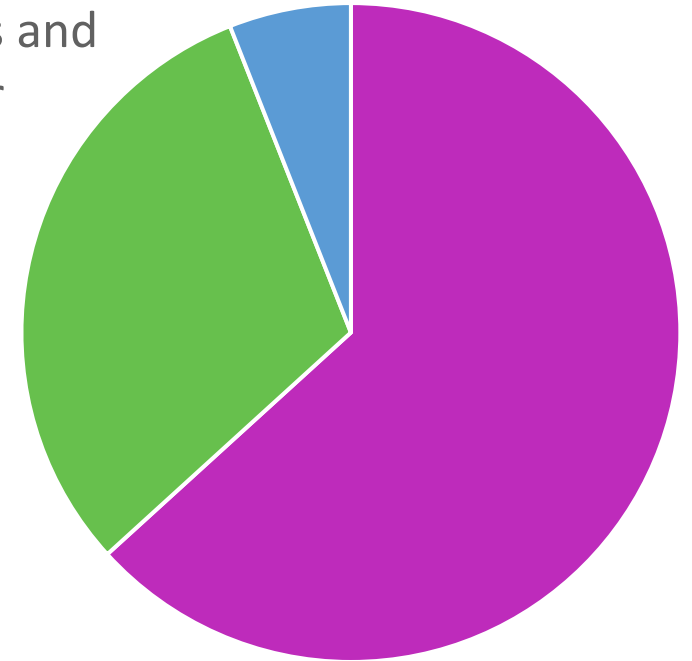
- The equivalent sector in the Horizon 2020 programme was “Secure, Clean and Efficient Energy” with a budget of €4.99bn
- The UK attracted **€410m of this** – equivalent to 8%
- 441 unique UK participants involved in 491 projects
- Of the 441 successful applicants
 - 285 were businesses
 - 58 Universities
 - 29 public agencies
 - 15 Research Centres
 - 54 were miscellaneous
- Horizon Europe has benefited both major corporations, small businesses and micro-businesses in all regions of the UK.
- Top two areas benefiting from this funding were London and Scotland



Net EU Contribution by Country/Region

UK success in Horizon Europe - Energy

- In Horizon 2020, most beneficiaries were Businesses. In Horizon Europe, most beneficiaries have been Universities
- Horizon Europe has benefited both major corporations, small businesses and micro-businesses in all regions of the UK with **£71m of funding so far** for Energy R&D
- Horizon Europe funding
 - 74 Universities/Research Agencies
 - 36 Businesses
 - 7 public sector
- Association means:
 - UK organisations can lead consortia from 2024
 - UK organisations can receive funding **directly from the European Commission**



- Universities/Research Agencies
- Businesses
- Public Sector

Energy Case Study



Horizon Europe Collaboration

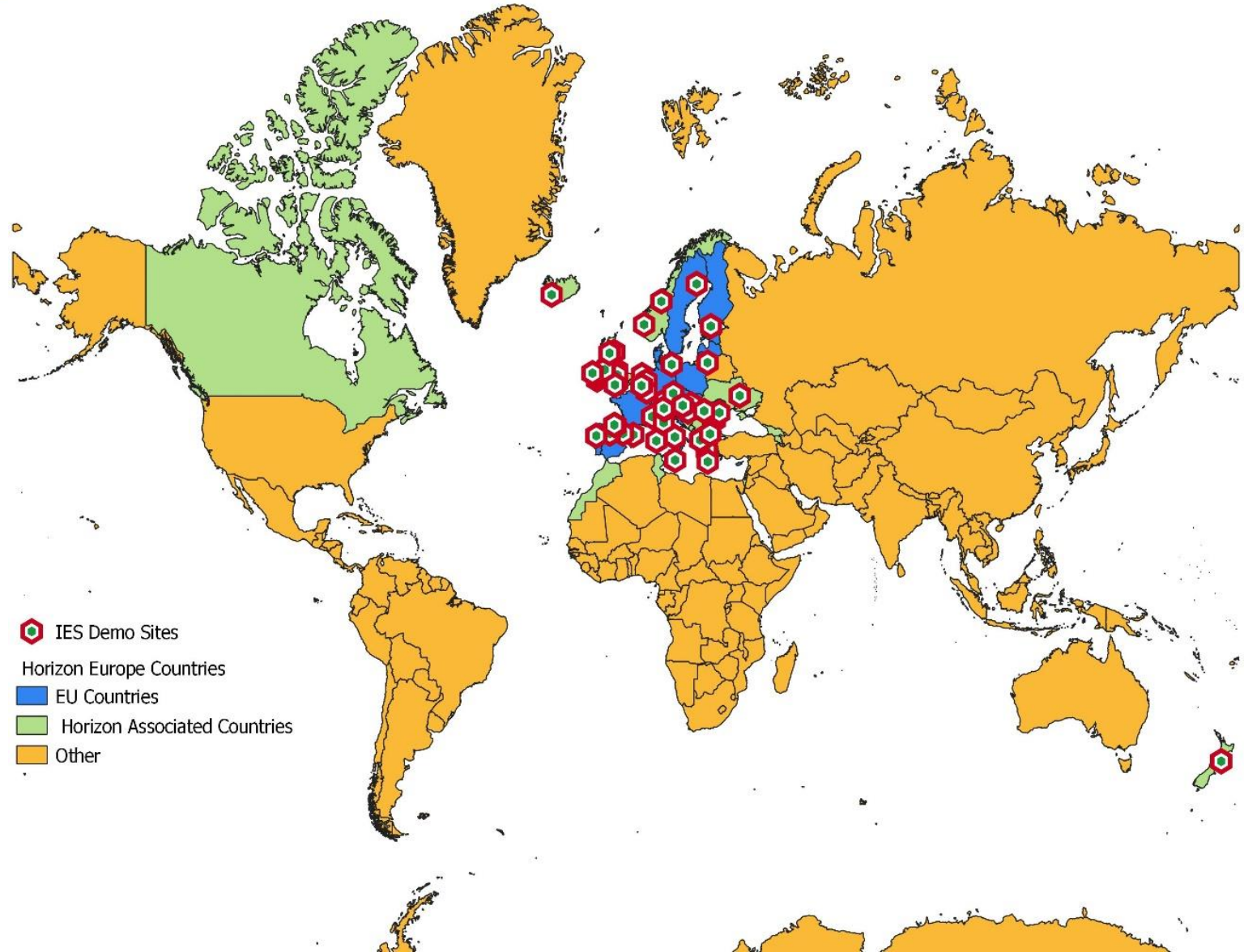
www.iesve.com EUROPE | NORTH AMERICA | ASIA | AUSTRALIA

Dr Niall Buckley

Horizon Europe

IES

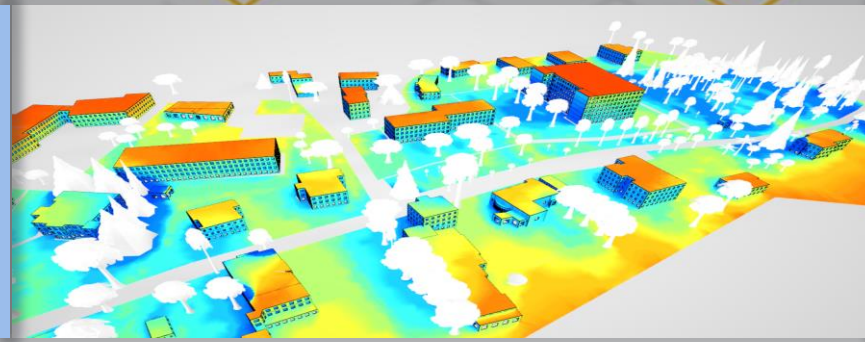
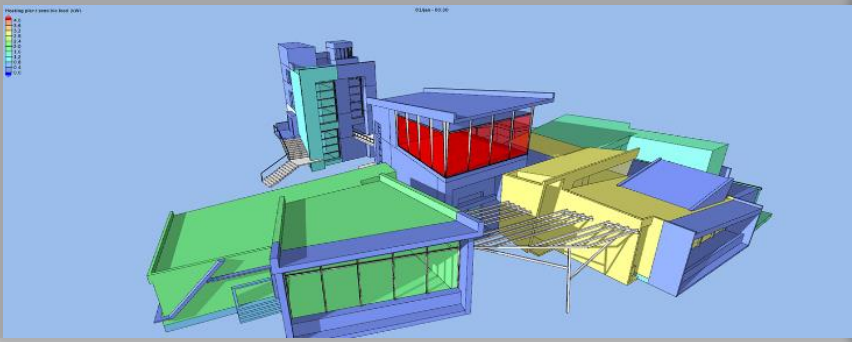
- IES R&D has been involved in over 60+ cities across eligible Horizon countries
- Partnered with over 400+ private, public, and NGO institutions
- Developed state-of-the-art climate tech that has made millions in revenue and continues to grow in popularity



IES Digital Twins

19 Live Horizon Projects in 2024

- Energy masterplans
- Decarb Roadmaps
- Environmental assessments
- Positive energy blocks/buildings
- Single building to city scale



MINORITY REPORT – Resilience Project



Flooding



Earthquakes



Wildfires



Predict, Identify, and categorise the vulnerability of existing and future buildings and infrastructures towards reducing exposure to hazards using digital twin technologies

MINORITY REPORT – Resilience Project

IES

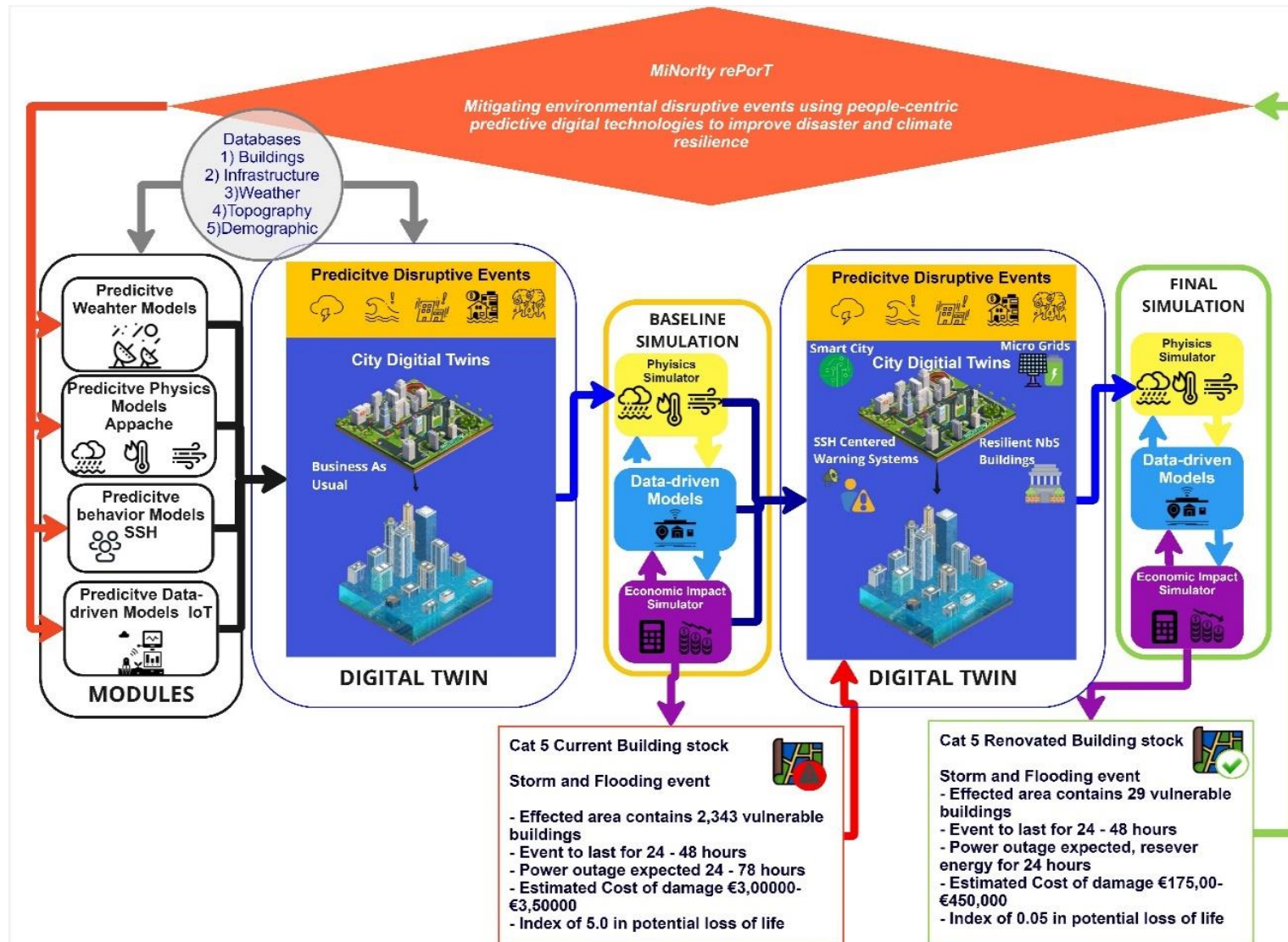
Overview

- 16 Partners
- 3 City Municipalities
- 5 universities
- 8 Private companies
- Social scientists, engineers, computer scientists, public reps, climatologists, and risk assessors

Demo Site

- Greece, Ireland, and New Zealand

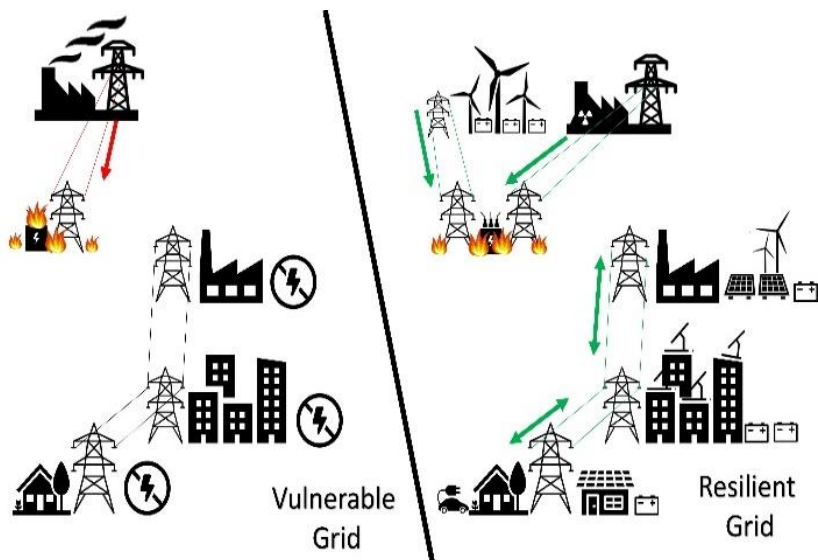
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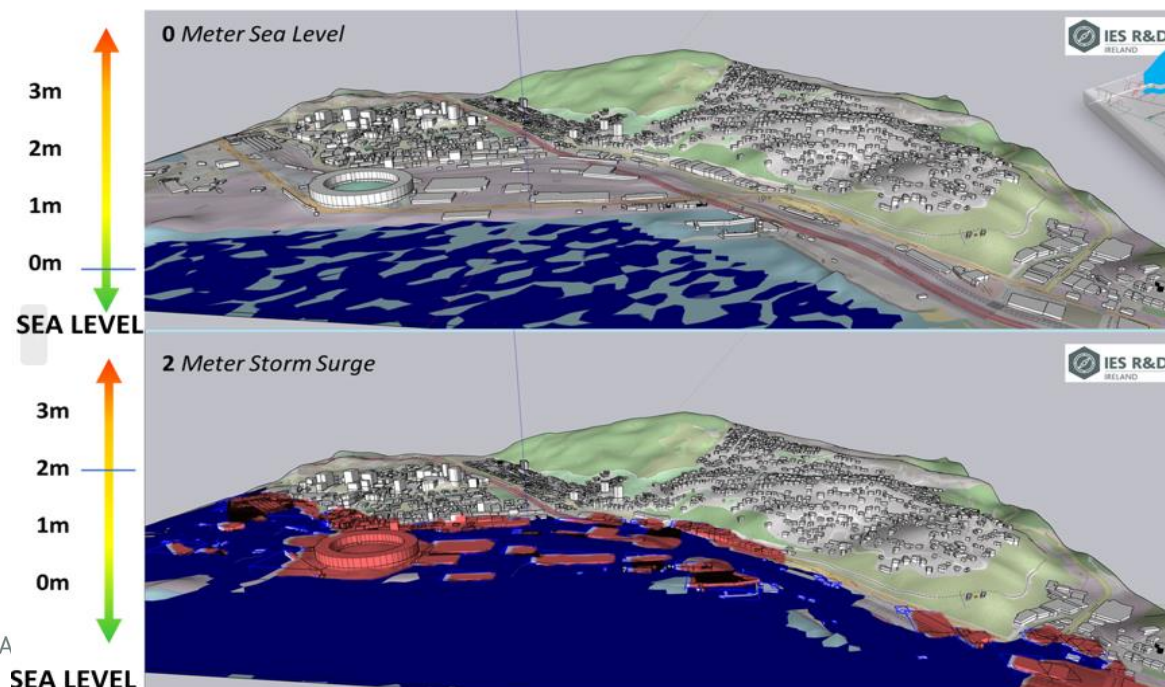
MINORITY REPORT – Resilience Project



Using a combination of predictive physics and data-driven models in tandem with live data, MR will help predict what buildings and infrastructures are most vulnerable during disruptive events



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- 300 Residential and Commercial buildings flooded
- €8,000,000 in damage
- Power outage for 4,000 buildings for 48 hours
- Cell coverage out for 24 hours
- Potential loss of life 0.9 on index

Louise Mothersole

Louise is the Horizon Europe UK National Contact Point for Cluster 5: Mobility calls/topics within the Horizon Europe Work Programme and the Global Innovation Lead for Energy at Innovate UK.

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Cluster 5: Climate, Energy and Mobility

Six Destinations

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2. Cross-sectorial solutions for the climate transition
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5. Clean and competitive solutions for all transport modes
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Call for proposals in Destination 5

HORIZON-CL5-2024-D5-01: Clean and competitive solutions for all transport modes

- Zero Emission Road Transport (2ZERO)
 - Aviation
 - Zero Emission Waterborne Transport (ZEWT)
 - Transport related health and environment
 - Cross-cutting actions
-
- 18 different Topics sharing €202m
 - Call opening 7th Dec 2023 and deadline for submissions 18th Apr 2024
 - Pages 397-439 in Work Programme

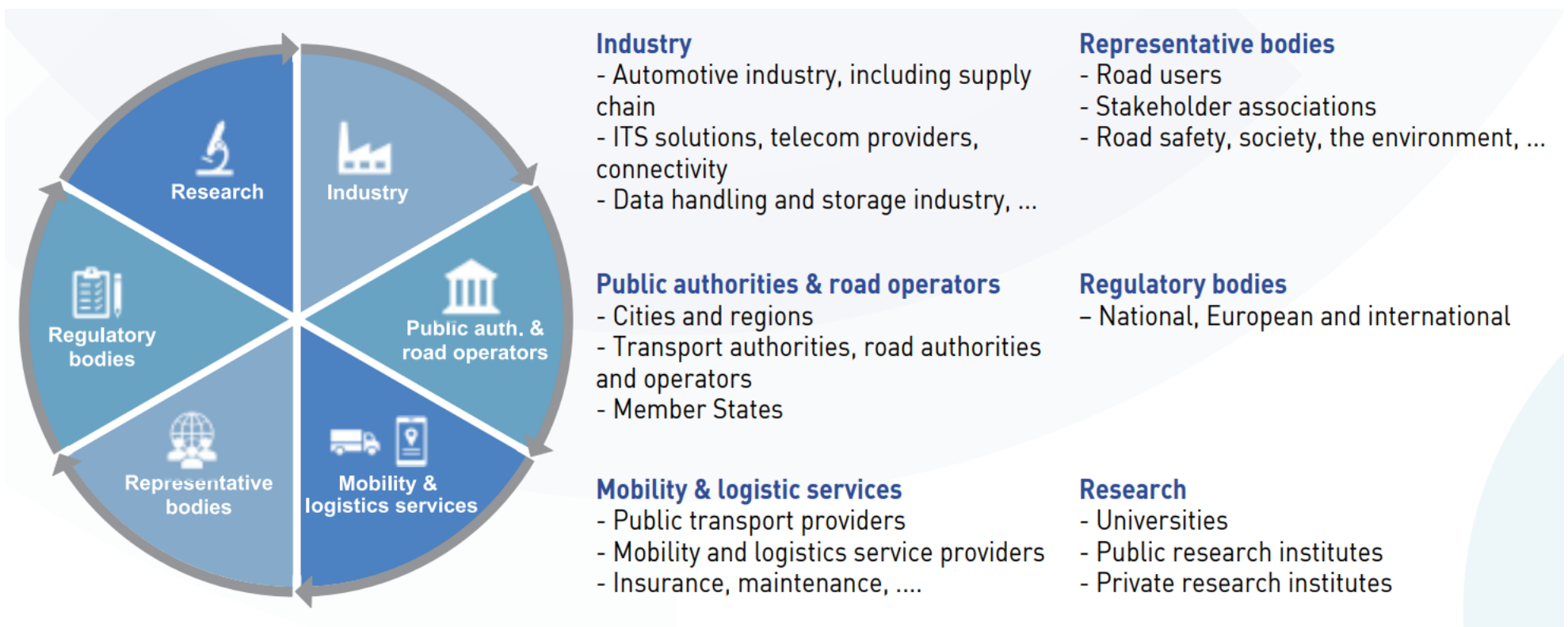
Call for proposals in Destination 6

HORIZON-CL5-2024-D6-01: Safe, Resilient Transport and Smart Mobility services for passengers and goods

- Connected, Cooperative and Automated Mobility (CCAM)
 - Multi-modal transport, infrastructure and logistics
 - Safety and resilience
 - Cross-cutting actions
-
- 13 different Topics sharing €122.5m
 - Call opening 7th May 2024 and deadline for submissions is 5th Sept 2024
 - Pages 479-511 in [Work Programme](#)

Cooperative, Connected Automated Mobility (CCAM)

- A Co-Programmed Partnership - Members of the partnership develop the Strategic Research and Innovation Agenda ([SRIA](#)) which is used to create the Work Programme (calls for proposals) <https://www.ccam.eu/>



CCAM Topics closing 5 Sept 2024

Topic Identifier	Competition (Topic)	Type of Action	Topic Budget	Number of projects to be funded
HORIZON-CL5-2024-D6-01-01	Centralised, reliable, cyber-secure & upgradable in-vehicle electronic control architectures for CCAM connected to the cloud-edge continuum	RIA	€12.0m	2
HORIZON-CL5-2024-D6-01-02	Scenario-based safety assurance of CCAM and related HMI in a dynamically evolving transport system	RIA	€14.0m	1
HORIZON-CL5-2024-D6-01-03	Orchestration of heterogeneous actors in mixed traffic within the CCAM ecosystem	IA	€12.0m	2
HORIZON-CL5-2024-D6-01-04	AI for advanced and collective perception and decision making for CCAM applications	RIA	€10.0m	2
HORIZON-CL5-2024-D6-01-05	Robust Knowledge and Know-How transfer for Key-Deployment Pathways and implementation of the EU-CEM (common evaluation methodology)	CSA	€4.0m	1

Multi-modal transport, infrastructure and logistics

Topics closing 5 Sept 2024

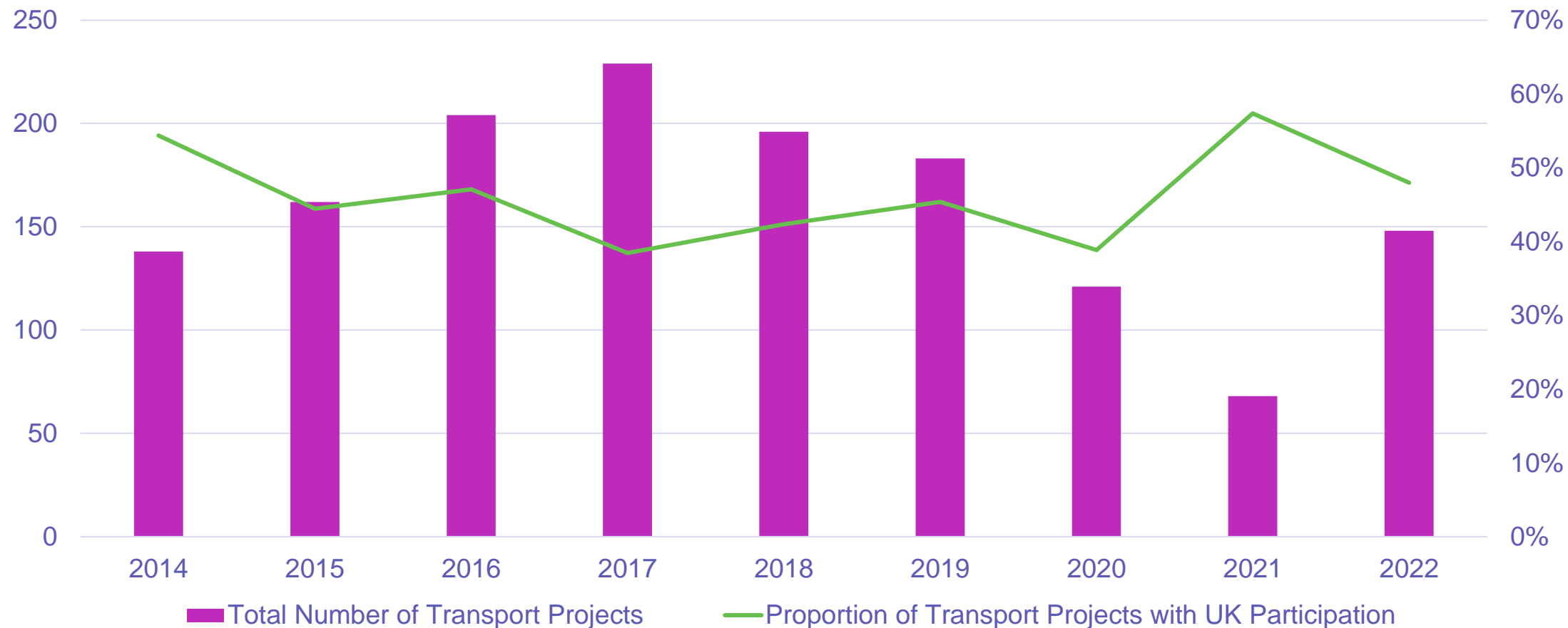
Topic Identifier	Competition (Topic)	Type of Action	Topic Budget	Number of projects to be funded
HORIZON-CL5-2024-D6-01-06	Optimising multimodal network and traffic management, harnessing data from infrastructures, mobility of passengers and freight transport	RIA	€10.0m	2
HORIZON-CL5-2024-D6-01-07	Scaling up logistics innovations supporting freight transport decarbonisation in an affordable way	IA	€20.0m	2
HORIZON-CL5-2024-D6-01-08	Improved transport infrastructure performance – Innovative digital tools and solutions to monitor and improve the management and operation of transport infrastructure	IA	€15.0m	3
HORIZON-CL5-2024-D6-01-09	Policies and governance shaping the future transport and mobility systems	RIA	€3.0m	1

Safety and resilience, and Cross-cutting Topics

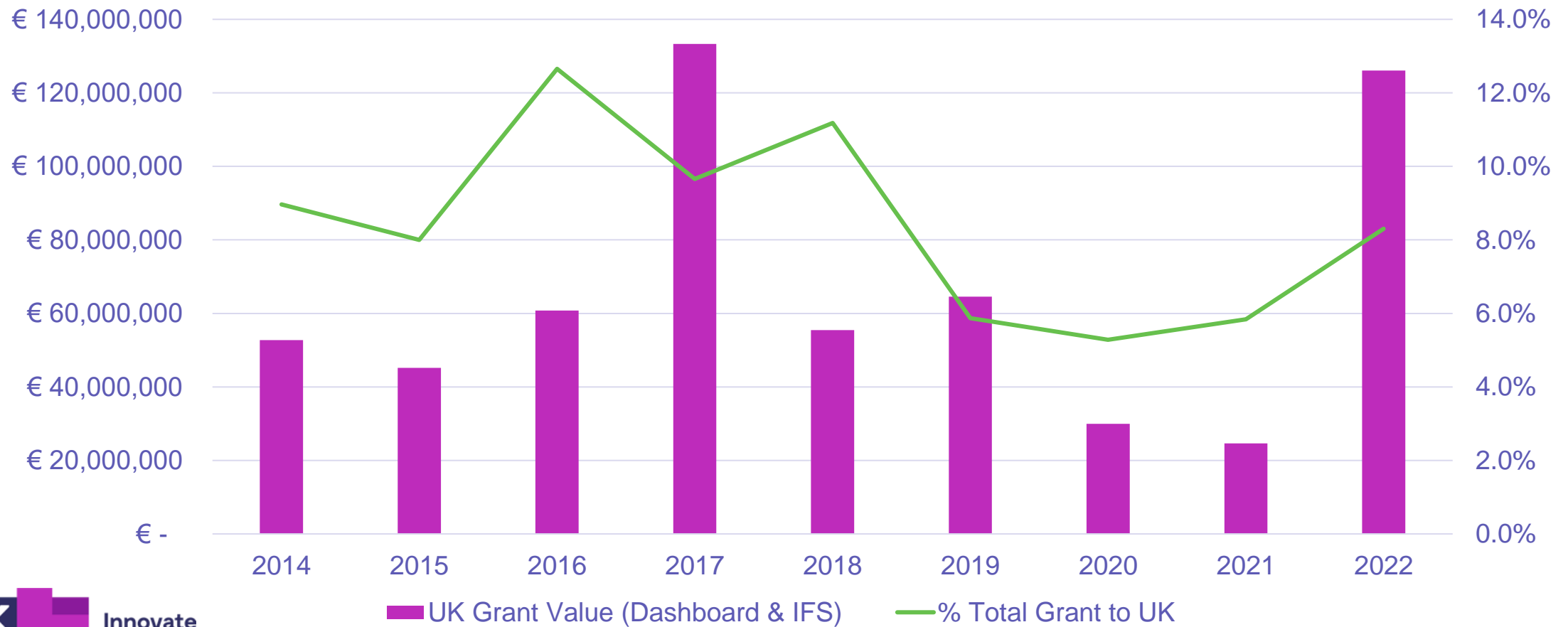
closing 5 Sept 2024

Topic Identifier	Competition (Topic)	Type of Action	Topic Budget	Number of projects to be funded
HORIZON-CL5-2024-D6-01-10	Ensuring the safety, resilience and security of waterborne digital systems	RIA	€ 8.50	2
HORIZON-CL5-2024-D6-01-11	Effects of disruptive changes in transport: towards resilient, safe and energy efficient mobility	RIA	€ 7.00	2
HORIZON-CL5-2024-D6-01-12	A new framework to improve traffic safety culture in the EU	RIA	€ 7.00	2

Total Number of Transport Projects and Proportion with UK Partners by Call Year



Total Amount and Share of Available Funding to UK Transport Projects by Call Year



Marker for Mobility Case Study



University of
Strathclyde
Glasgow

EU funded research Lifecycle

Prof Gerasimos Theotokatos

**Director of the Maritime Transport Research Unit
and the the Maritime Safety Research Centre
Department of Naval Architecture, Ocean & Marine
Engineering (NAOME)**

gerasimos.theotokatos@strath.ac.uk



Naval Architecture, Ocean and Marine Engineering

The department of ***Naval Architecture, Ocean and Marine Engineering (NAOME)*** was formed in 2001 through the merger of the department of *Ship and Marine Technology* at the ***University of Strathclyde*** and the department of Naval Architecture and Ocean Engineering at the ***University of Glasgow***, which have been involved in teaching and research in naval architecture since 1881.

MTRU Academic Members



**Dr
Batuhan
Aktas**



**Prof
Mehmet
Atlar**



**Prof
Evangelos
Boulougouris**



**Dr Sefer
Gunbeyaz**



**Dr
Byongug
Jeong**



**Dr
Panagiotis
Kaklis**



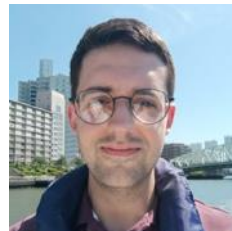
**Dr Rafet
Kurt**



**Prof
Iraklis
Lazakis**



**Dr
Chaitanya
Patil**



**Dr Momchil
Terziev**



**Prof
Gerasimos
Theotokatos**



**Prof
Osman
Turan**



**Dr Haibin
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**Prof
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OERU Academic Members



**Prof Erkan
Oterkus**



**Prof Feargal
Brennan**



**Prof Atilla
Incecik**



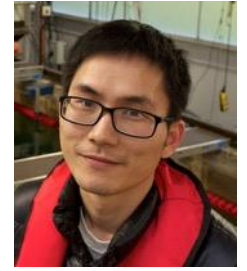
**Prof Julia
Race**



**Prof Longbin
Tao**



**Prof Qing
Xiao**



**Dr David
Dai**



**Prof Selda
Oterkus**



**Prof Maurizio
Collu**



**Prof Ali
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**Dr Zhiming
Yuan**



**Dr Laibing
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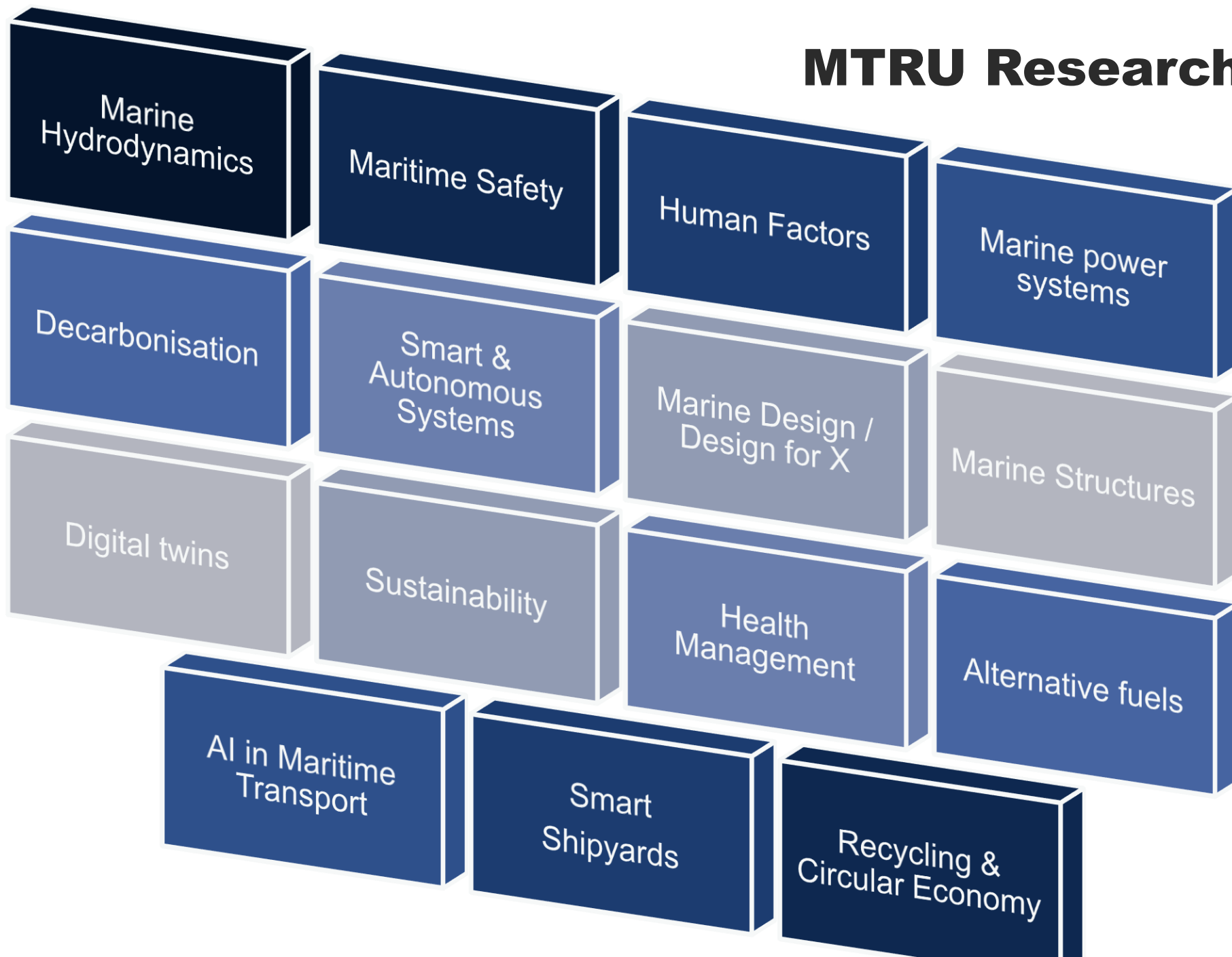


**Dr Saeid
Lotfian**

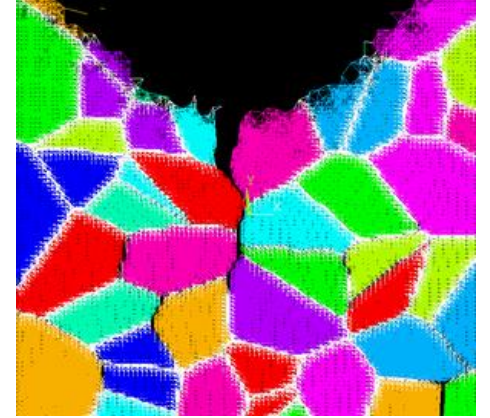


**Dr Shen
Li**

MTRU Research Areas



OERU Research Areas



NAOME Research

April 2024

75 R&KE funded projects are underway

Total sum of **£14.5M**
(£13.4m Research;
£1.1m KE)

9 are funded by the EU,
10 are funded by EPSRC,
and **56** by Other sources

December 2023

72 R&KE funded projects are underway

Total sum of **£13.2M**
(£12.2m Research;
£1.0m KE)

11 are funded by the EU,
7 are funded by EPSRC,
and **54** by Other sources

July 2023

75 R&KE funded projects are underway

Total sum of **£14.5M**
(£12.7m Research;
£1.8m KE)

11 are funded by the EU,
9 are funded by EPSRC,
and **55** by Other sources

Examples of Recent EU funded Research Projects

TrAM

Transport: Advanced & Modular

- Main mission:
“...to develop and validate a concept for waterborne transport by implementing modular design and production methods, with a main focus on electrically powered vessels operating in protected waters.”

14 Partners

DURATION: 2018-2023

BUDGET: 14M EUR



UNIVERSITY of STRATHCLYDE
MARITIME SAFETY
RESEARCH CENTRE



SHIPFC

GREEN AMMONIA ENERGY SYSTEM



14 Partners
DURATION: 2020-2025
BUDGET: 13M EUR



Contact: evangelos.boulougouris@strath.ac.uk

HyShip



UNIVERSITY of STRATHCLYDE
**MARITIME SAFETY
RESEARCH CENTRE**



14 Partners

DURATION: 2021-2025

BUDGET: 11M EUR



Wilhelmsen



NorSea



Norwegian Centres of Expertise
**NCE Maritime
CleanTech**

equinor



KONGSBERG



Air Liquide

ETH zürich
SUS.lab
DIANA SHIPPING INC.



University of
Strathclyde

Persee
Stolt-Nielsen



Contact: evangelos.boulougouris@strath.ac.uk

AUTOSHIP Project ID



AUTOSHIP

Autonomus Shipping Initiative for European Waters

Start: 1 June 2019

42 months

Budget: €27.7M

EU contribution: €20M



ITALY
Ciaotech S.r.l. – PNO Group
www.pnoconsultants.com/it



KONGSBERG

NORWAY
Kongsberg Maritime CM AS
www.kongsberg.com/maritime

Kongsberg Maritime AS
www.kongsberg.com

Kongsberg Digital AS
www.kongsberg.com/digital

Kongsberg Norcontrol AS
www.kongsberg.com/en/kds/knc



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Sintef Ocean AS
www.sintef.no/en/ocean



SCOTLAND
University of Strathclyde
www.strath.ac.uk



NORWAY
Eidsvaag AS
www.eidsvaag.no



ZULU Associates
<https://www.zulu-associates.com/>



FRANCE
Bureau Veritas
group.bureauveritas.com



BELGIUM
DE VLAAMSE WATERWEG NV
www.vlaamsewaterweg.be

<https://www.autoship-project.eu/>

Partners

Ciaotech S.r.l. – PNO Group

Kongsberg Maritime CM AS

Kongsberg Maritime AS

Kongsberg Digital AS

Kongsberg Norcontrol AS

Sintef Ocean AS

**University of Strathclyde
(MSRC) €900k**

Eidsvaag AS

Zulu Associates

Bureau Veritas

De Vlaamse Waterweg NV



The project has received funding from the European Union's Horizon 2020 research and innovation program under Grant Agreement N°815012.

AUTOSHIP Project



AUTOSHIP
Autonomous Shipping Initiative for European Waters



UNIVERSITY of STRATHCLYDE
**MARITIME SAFETY
RESEARCH CENTRE**

<https://www.autoship-project.eu/>

11 Partners

DURATION: 2019-2023

BUDGET: 27.7M EUR



Scope

- **2 remote and autonomous vessels** and their shore control and operation infrastructure (over TRL7)
- Testing during two pilot demonstration campaigns
- Optimise efforts and investments to advance common standards and enabling operations in a shorter timeframe
- Allow commercial applications of the technology behind the next generation of autonomous ships by the end of 2023



ITALY
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www.pnoconsultants.com/it

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www.kongsberg.com/maritime

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Kongsberg Norcontrol AS
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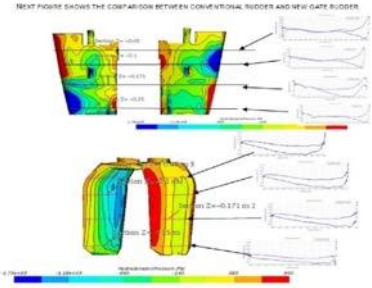


The project has received funding from the European Union's Horizon 2020 research and innovation program under Grant Agreement N°815012.

Contact: Prof. Gerasimos Theotokatos
gerasimos.theotokatos@strath.ac.uk



The EC - H2020 Project “GATERS”: GATE Rudder System as a Retrofit for the Next Generation Propulsion and Steering of Ships.
(Project ID: 860337)

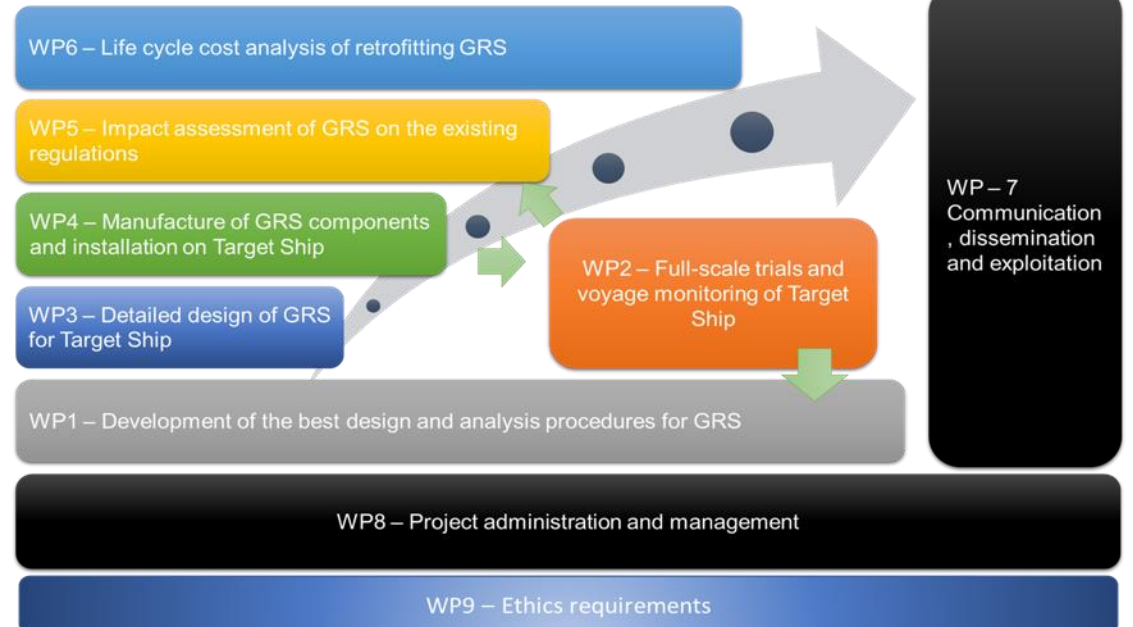


OBJECTIVE: To develop and demonstrate to TRL 6 and higher innovative, cost-effective retrofit solution for marine shipping to provide substantial improvements regarding environmental impacts and life cycle cost

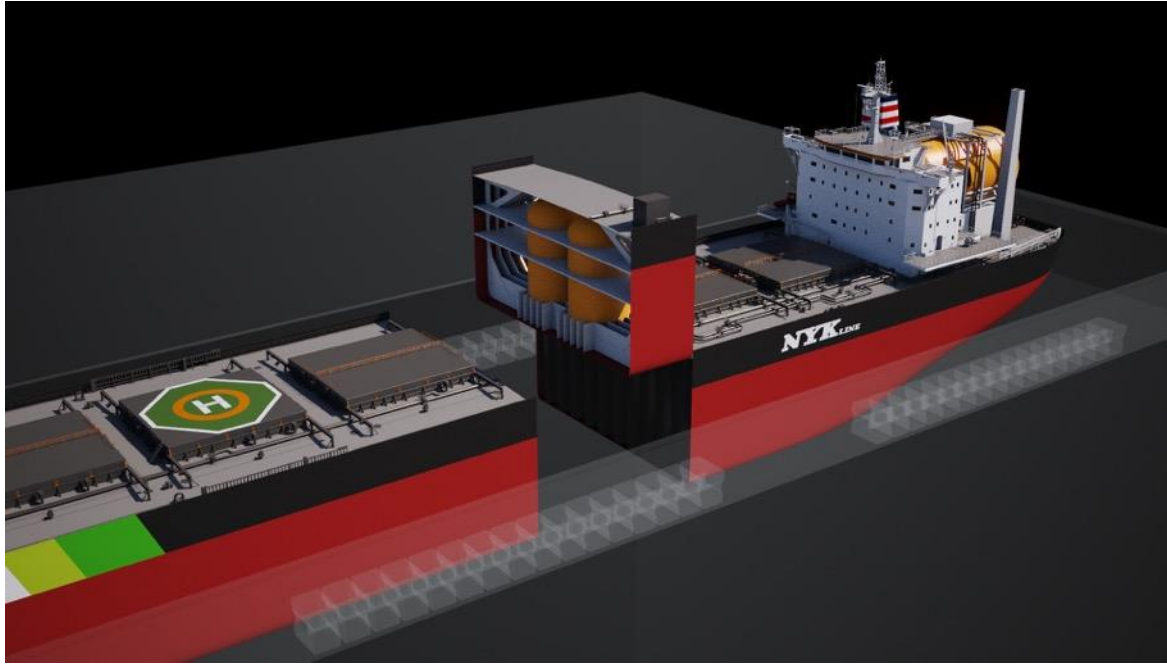
DURATION: 2021-2024
BUDGET: 5.9M EUR

PARTNERS (18): UoS(UK)*, HSVA(DE), BV(FR), GME(GR), CNR(I), HYD(TR), ITU (TR), TWI (UK), NAS(MT), CAPA(TR), SINTEF(NO), DANAOS(CYP), SMP(UK), GURD(TR), UNEW(UK), STARB(CYP), LLI(UK), CETENA(I)

(*) The NAOME Dept, University of Strathclyde (UoS) is the Project Coordinator (Prof Mehmet Atlar)



Contact: Prof. Mehmet Atlar mehmet.atlar@strath.ac.uk

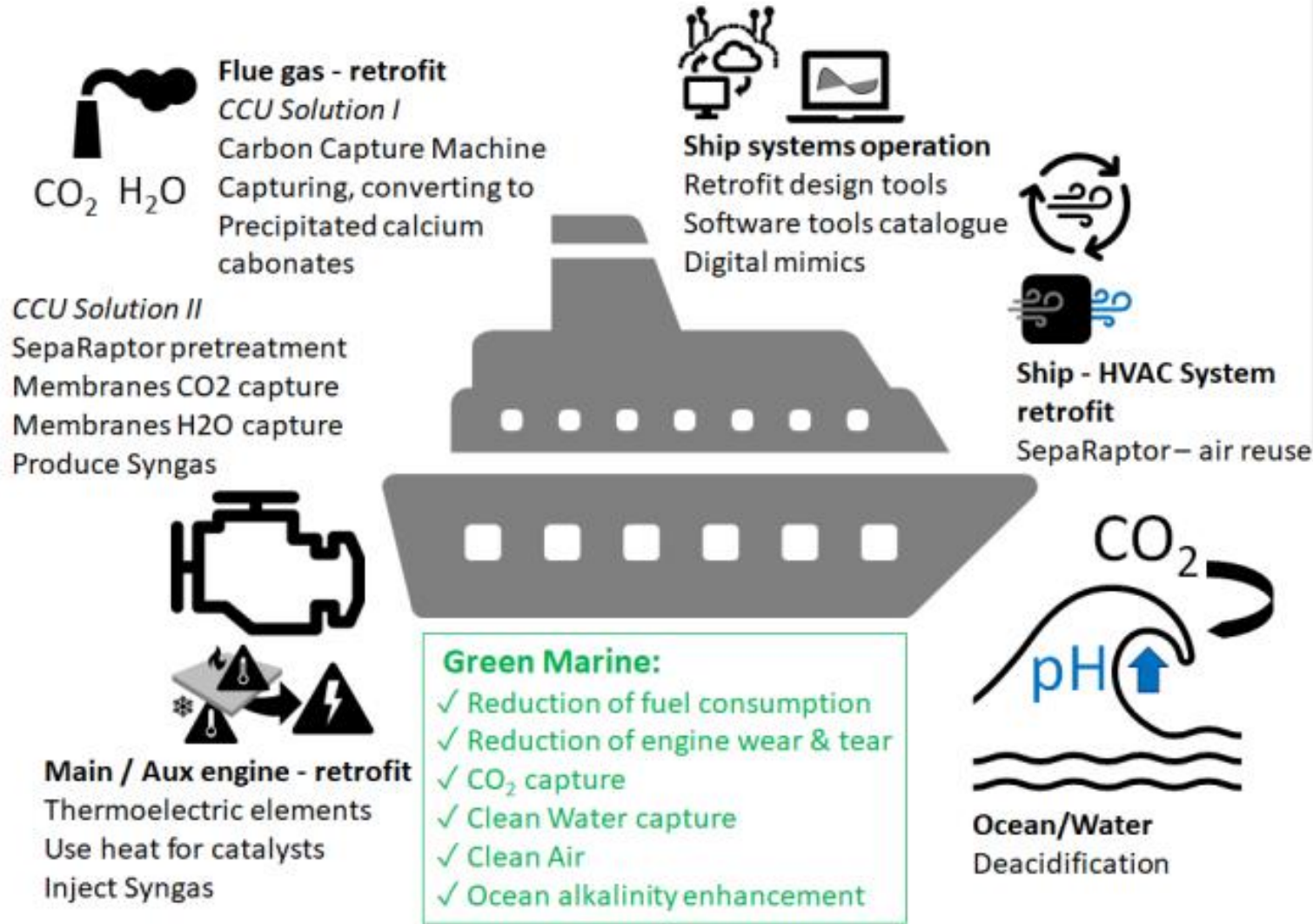


NH3CRAFT aims to:

- Safe and efficient storage of large quantities of NH₃ on vessels
- Cost reduction on the retrofit of current fleet through modular-design based methodology
- Control of complexity by modular and scalable structural integration of fuel tanks (on-deck & hull-integrated)
- Shorter development times through interconnected digitalized tools
- Push implementation of NH₃-fuels with new pertinent technical rules
- Reduce fleet's environmental footprint

13 Partners
DURATION: 2022-2025
Budget: 12.8M EUR

Green Marine solution



Demonstration of tools and implementation of innovative solutions aimed at carbon capture mineralization, which also aids in deacidifying our seas; energy savings for HVAC systems through air-reuse; carbon and water capture with membranes, and the use of excess engine heat to produce a syngas to save on fuel consumption

Contact: Prof Iraklis Lazakis
e:iraklis.lazakis@strath.ac.uk



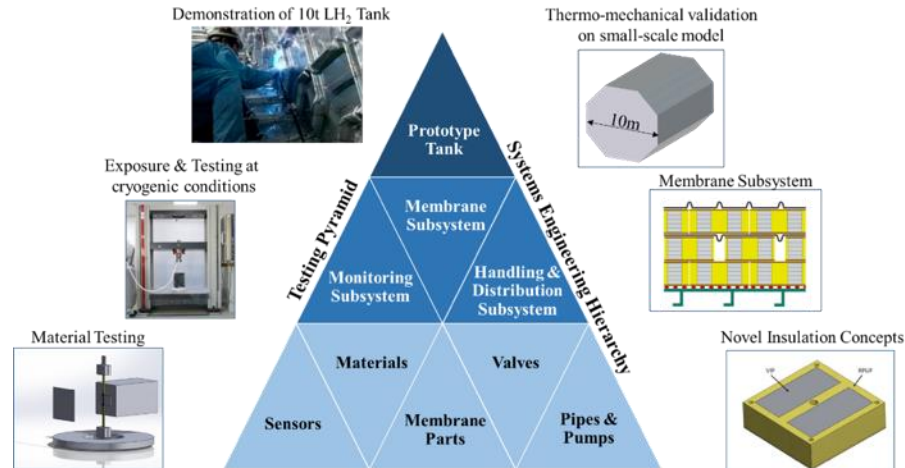
Safe and Efficient Marine Transportation of Liquid Hydrogen

Aim: Design a large scale H₂ storage and transport

4-year Research and Innovation action funded by Horizon Europe (June 2023 – May 2027)

Strong consortium consisting of industry, academia, within the aviation and maritime sectors

Total budget: ~£7 million.



Integral Tanks

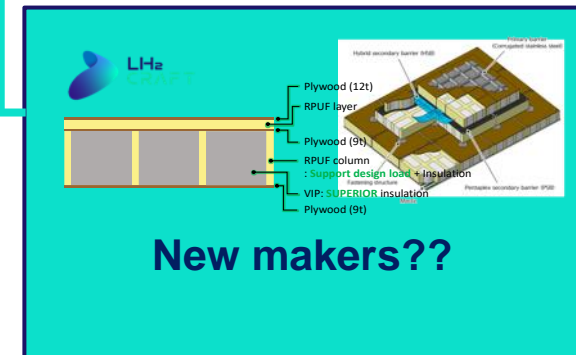
Membrane Tanks

$p < 0.7$ bar
Full secondary barrier

GTT



Source: GTT



New makers??



SAFeCRAFT: Safe and Efficient Use of Sustainable Fuels in Maritime Transport Applications

#@APP-FORM-HERIAIA@#

Aim: Demonstrate H₂ fuelled marine engines onboard ships.

Duration: 4-year Research and Innovation action funded by Horizon Europe (Dec 2023 – Nov 2027)

Consortium consisting of industry, academia, within the maritime sectors

Total budget: ~£12 million

Case Ship



Capesize bulk carrier

Overall Length: 291.97 m
Breadth (moulded): 45.00 m
Draught (moulded): 18.22 m

Deadweight (max draught): 178,978 tns
Cargo holds capacity (grain): 200,166 m³

Main Engine Power: 18660 kW
Service Speed: 14 knots



Anglo Belgian Corporation (ABC) and a PTI/PTO solution by ABB, 1.5MW or above

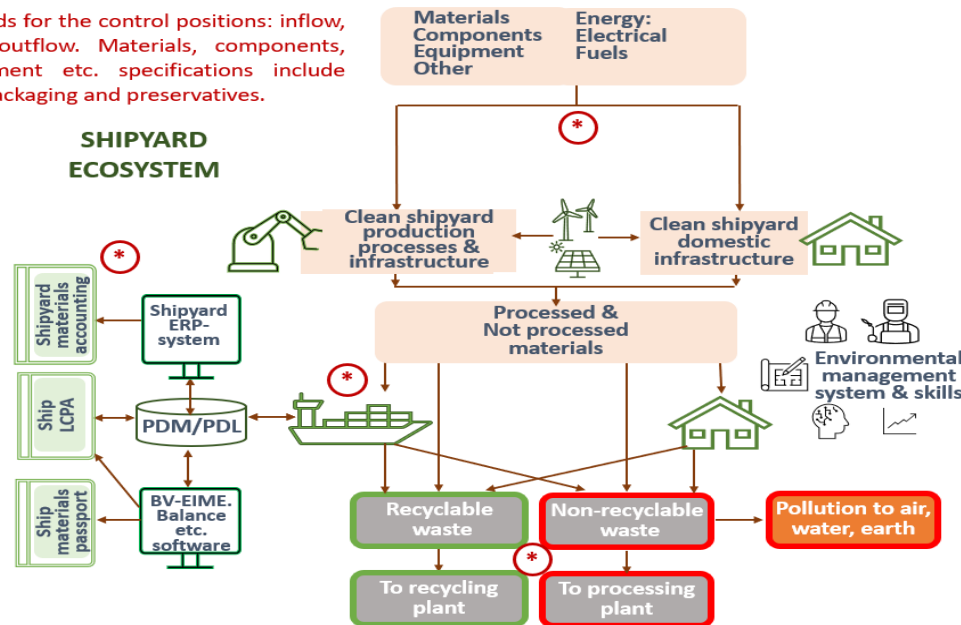


EcoShipYard (ESY)

Aim: to provide EU shipyards/shipowners with tools to assess the non-operational environmental impact of the ship and the overall environmental performance of the shipyard processes.

- Improve shipyard productivity
- Reduce shipbuilding emission footprint
- Shipyard Digital Twin Tool development

* stands for the control positions: inflow, ship, outflow. Materials, components, equipment etc. specifications include also packaging and preservatives.



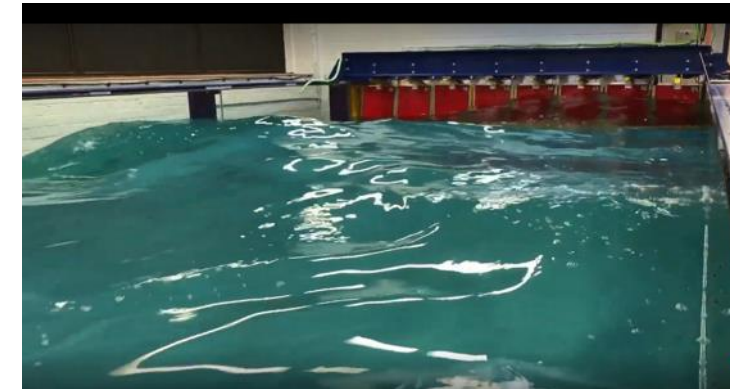
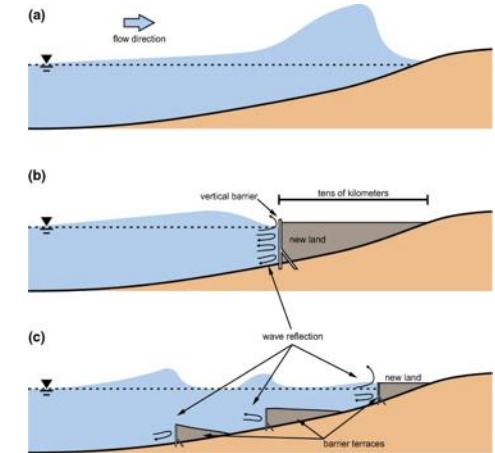
- TRL 8
- 16 consortium partners
- € 361,700 Strathclyde income
- Kick off January 2024
- 3 years duration (2024-2027)

SAFARI - SAFE, CLIMATE RESILIENT INFRASTRUCTURE

Aim: to deploy new measures in different maritime and inland infrastructure of ports from North Sea, Atlantic Ocean and Mediterranean Sea, that can minimize the impacts of the disturbances issued from the extreme weather events

- Maintain the port operation at 80% of capacity during the disruption periods
- Optimize the allocation of multi-modal transport assets before and after the disrupting event to reach 20% of modal cargo shift with less environmental footprint and to minimize the downtime during extreme weather events

- TRL 7
- 25 consortium partners
- € 500,670 Strathclyde income
- Kick off May 2024
- 4 years duration (2024-2028)

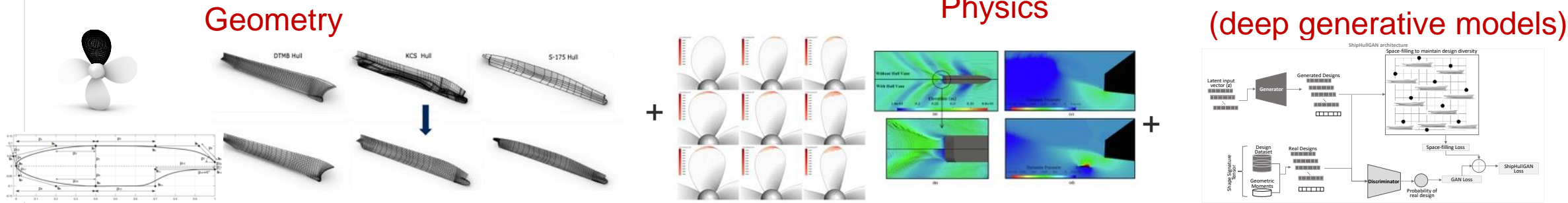


KHL Model Test:
breakwater wave impact under
disruptive events of climate
change



GRAPES: (learninG, pRocessing, And oPtimising shapES)

Aim: advancing the state of the art in Mathematics, Computer-Aided Design, and **Deeping/Machine Learning** to promote game changing approaches for generating, optimising, and learning 3D shapes, along with a multisectoral training for young researchers.



UoS lead research to develop a Sustainable Maritime Future with Generative AI.

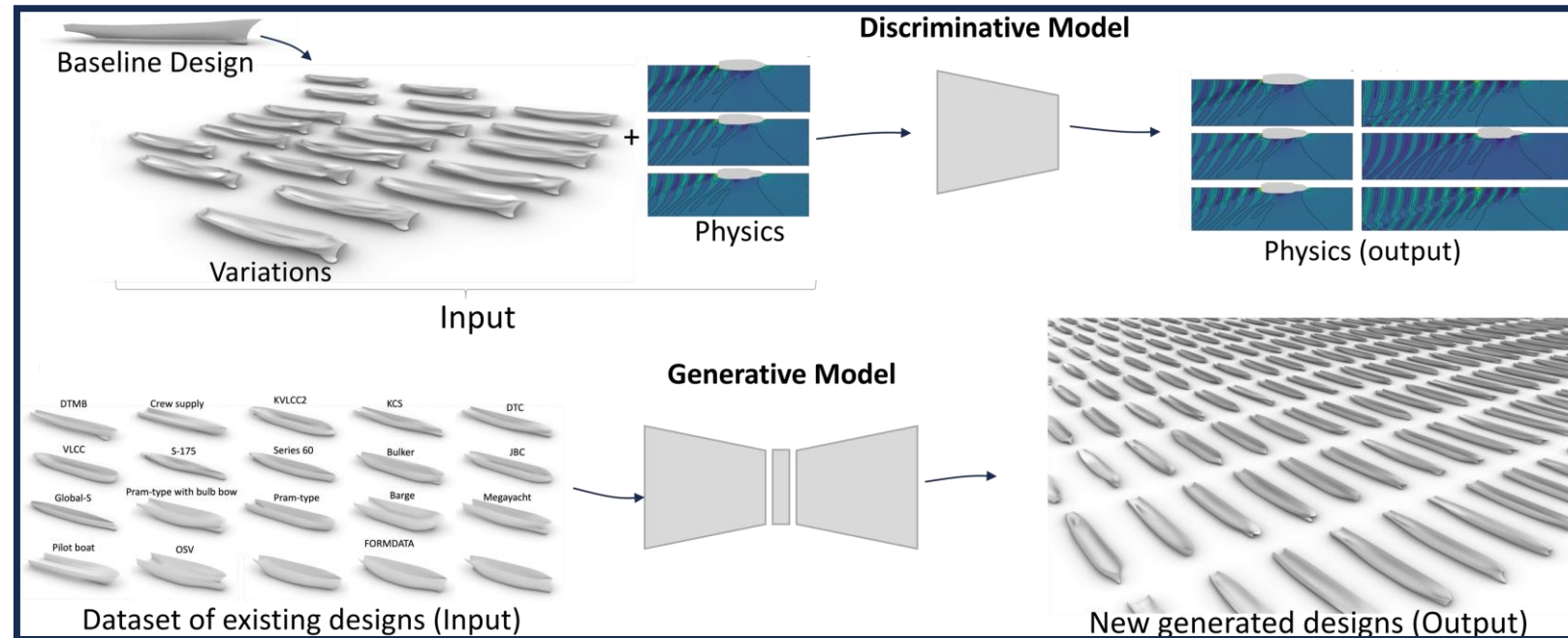


<http://grapes-network.eu>

Contact:

Panagiotis.kaklis@strath.ac.uk

Funding from the EU's research and innovation programme under the Marie Sk łodowska-Curie grant agreement No 860843



EU funded research lifecycle

Proposal development

Identify the call

Compelling Concept

Engage with key partners/contributors

Further develop the concept and finalise the consortium

Coordinator (experienced partner, specialised consultant)

Budget

Proposal writing

Proposal submission

Evaluation results

Project lifetime

Contract

IPs

Resources (staff appointment)

Progress & reporting

Reviews

Amendments

Milestones

Manage Risks

Final review

Post project activities

Discussion





University of
Strathclyde
Glasgow

gerasimos.theotokatos@strath.ac.uk

Support for Cluster 5 applicants

Horizon Europe Support – Travel Grant

- Innovate UK Business Connect is offering [travel support](#) for UK SMEs to attend consortia building events in Europe.
- If successful in your application for travel and accommodation costs, you will receive pro-active support from Innovate UK to help you maximise the benefit of attending.
- Travel Grants currently available for upcoming conferences across Europe (up to £700 per SME), include:
 - [Sustainable Places 2024](#), 23-25 September, Luxembourg
 - [Wind Energy Hamburg](#), 24-27 September 2024, Hamburg, Germany
 - [InnoTrans 2024](#), 24-27 September, Berlin, Germany
 - [10th European Conference on Sustainable Cities and Towns](#), 1-3 October 2024, Aalborg, Denmark
 - [POLIS Annual Conference 2024](#), 27-28 November, Karlsruhe, Germany



HORIZON EUROPE

Horizon Europe Support – Pump Priming

- UK SMEs that are considering submitting a proposal to Horizon Europe competitions can apply for a ['pump priming'](#) grant of up to £6,000 (inc. VAT) to help them prepare.
- Successful applicants are advised to work with a UK National Contact Point in support of their project.
- This could be used for
 - membership fees towards a European association
 - attending a networking event or consortium meeting
 - paying staff time while they write the proposal (but not for paying a professional bid writer)



HORIZON EUROPE

Building networks to form successful consortia

- Use your own professional networks – LinkedIn, Trade Bodies, Universities, etc
- Use [Cordis](#) to identify recently funded projects and their consortium members
- Join the relevant partnerships and associations
 - Batteries for Europe ([Batt4EU](#))
 - Built4People Partnership ([B4P](#))
 - Zero Emission Waterborne Transport ([ZEWT](#))
 - Connected Cooperative Automated Mobility ([CCAM](#))
 - Towards Zero Emission Road Transport ([2ZERO](#))
 - Alliance for Logistic Innovation through Collaboration in Europe ([ALICE](#))
- Attend networking events in Europe
- Register and then search [GREENET](#) partner search tool

The best ways to form winning teams

Being an *effective networker* is much more useful than submitting a profile into a portal and awaiting contacts. Don't wait to be invited to the party, push yourself forward

- Use your existing professional networks – if you don't know who the sector leaders are in Europe then you should find out
- Use LinkedIn to connect to people from possible consortium partners
- Search [CORDIS](#) for previous, related projects and contact the participants. All projects must disseminate their results and often hold workshops, etc.
- **Join the relevant networks, associations and partnerships, ask your NCP for suggestions or search the [GREENET Stakeholder Directory](#)**
 - Be an *active* member – say 'hi' when you join the virtual room. Ask questions, support others' opinions, act as if you are already well known to all in the virtual room
 - Volunteer to draft working papers, take notes, send in useful information – be helpful
 - Speak up at workshops – demonstrate Thought Leadership
 - Show that you would be a valuable partner for collaborative projects and that without you they won't win – you have the secret sauce that is necessary for their success



UK Research
and Innovation

Any Questions?

Newsletter Subscription: <https://eufunding.ukri.org/subscribe>



Innovate
UK

Workshop