CLUSTER 5

HORIZON EUROPE
INFO DAYS 2021

SAFETY AND RESILIENCE - PER MODE AND ACROSS ALL TRANSPORT MODES

WATERBORNE

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2021 – 2027
Controlling infection on large passenger ships

Scope

• No specific disease targeted but historical incidents as reference
• Travel from and to the ship to be considered as well as land excursions
• Extended journeys away from land-based medical infrastructures
• 2 separate aspects:
  ▪ Prevention, mitigation and management
  ▪ Healthy ship design
• Social Sciences and Humanities (SSH) expertise to be strongly considered
HORIZON-CL5-2021-D6-01-12

Controlling infection on large passenger ships

Expected outcome

• Control of spreading within and to/from the vessel
• Systematic early detection and crew training
• Establishment of a public knowledge and evidence database
• Safer ship design and guidance for operators
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Controlling infection on large passenger ships

Type of action: RIA, TRL 5

EU contribution (indicative): 3 (prevention etc.) and 5 (ship design) Mio. Euro
Total for the topic is 8 Mio. Euro

Deadline: 19 October 2021
Safer navigation and tackling containership fires

Scope (part 1 – safer navigation)

• Systematic assessment of causes, consequences and probability of navigational accidents including collisions (vessels, esp. recreational and fishing; marine mammals and floating debris; offshore structures), groundings, cargo losses
• Solutions for the most important factors, esp. human; automated detection and prevention
• Detection and tracking of lost containers
• Open source principles and common standards to support vessel interaction and a navigation hazard database
• Use of Galileo GNSS services is mandatory
Safer navigation and tackling containership fires

Scope (part 2 – containership fires)

• Systematic analysis of causes (incl. false cargo declarations), current response measures and potential consequences (esp. in coastal areas with onshore winds)
• Full assessment of risks: Ship design, cargo systems, firefighting equipment and practices, accident management, regulatory issues
• Risk control options to be validated through tests and simulations
• Close co-operation with relevant authorities incl. EMSA, development of strategic plans
• Communication with operators and seafarer organisations: Best practice, training plans, practical exercises
Expected outcome

- Comprehensive understanding of causes
- Significant reduction of accidents and incidents through prevention, early detection and swift measures
- Risk minimisation for crews and in sensitive areas (coastal zones, ports, marine protection areas)
- Automated systems and digital solutions
HORIZON-CL5-2022-D6-01-08

Safer navigation and tackling containership fires

Type of action: IA, TRL 7

EU contribution (indicative): 3.5 (safer navigation) and 6 (fires) Mio. Euro
Total for the topic is 12 Mio. Euro

Deadline: 12 January 2022
Thank you!

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