



Waterborne Transport



HORIZON EUROPE

Workshop:

“Horizon 2020 Research and Innovation delivering smart, green, safe and competitive waterborne transport”

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07/02/2022 | 14:15—15:45

Safe and Secure waterborne transport

Overview of the projects in the portfolio

Safe and Secure waterborne transport

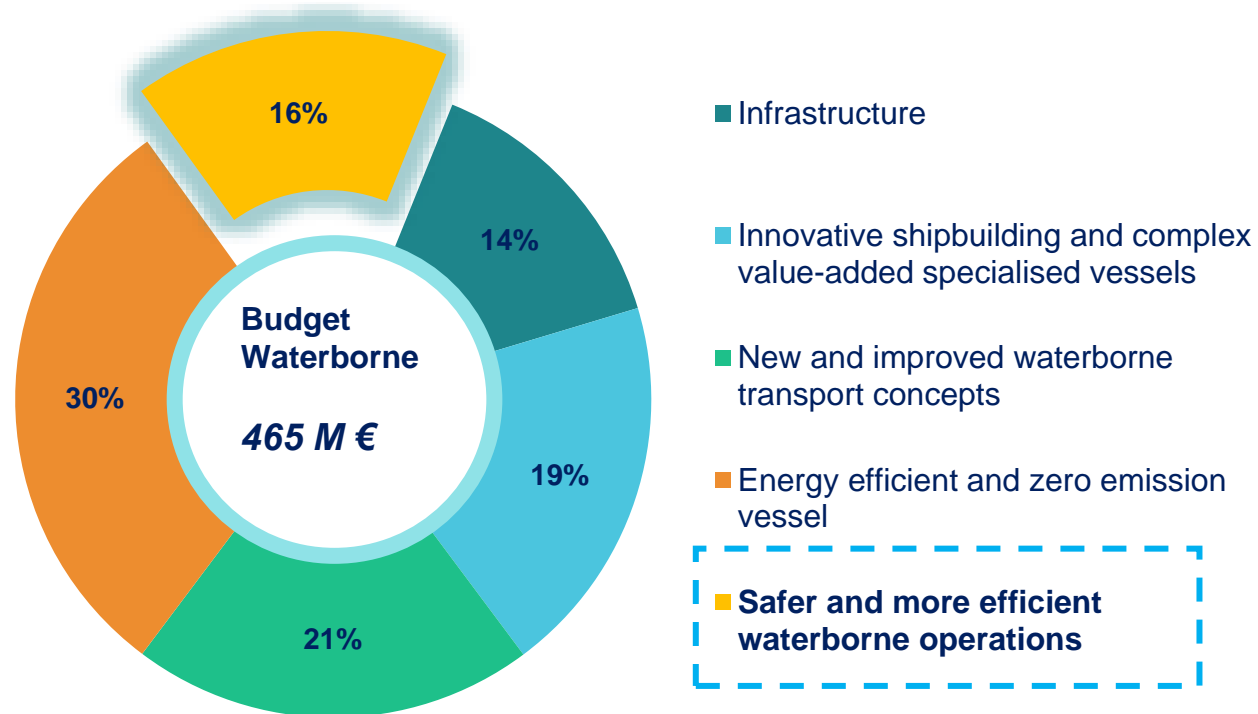
Key challenges addressed under Horizon 2020



- ✓ To radically redesign of evacuation systems for passenger ships
- ✓ To greatly enhance the prevention and management of fires at sea without recourse to external intervention
- ✓ To develop and demonstrate innovative solutions for ship design and waterborne operations in order to avoid and mitigate passenger risks and ensure high levels of safety
- ✓ To improve the observation and predictions of oil spreading in the sea using novel on-line sensors on-board vessels, fixed structures or gliders
- ✓ To build the enabling knowledge, technologies, and operational procedures and test them in a real world environment with the aim of guaranteeing safe and environmentally sound waterborne operations
- ✓ To improve transport safety through a more timely, focused and integrated adoption of human factors in the design of vessels and minimise the human error
- ✓ To develop solutions that address these risks and can be reflected within forthcoming revisions of relevant IMO Rules

H2020 Waterborne Portfolio (2014-2021)

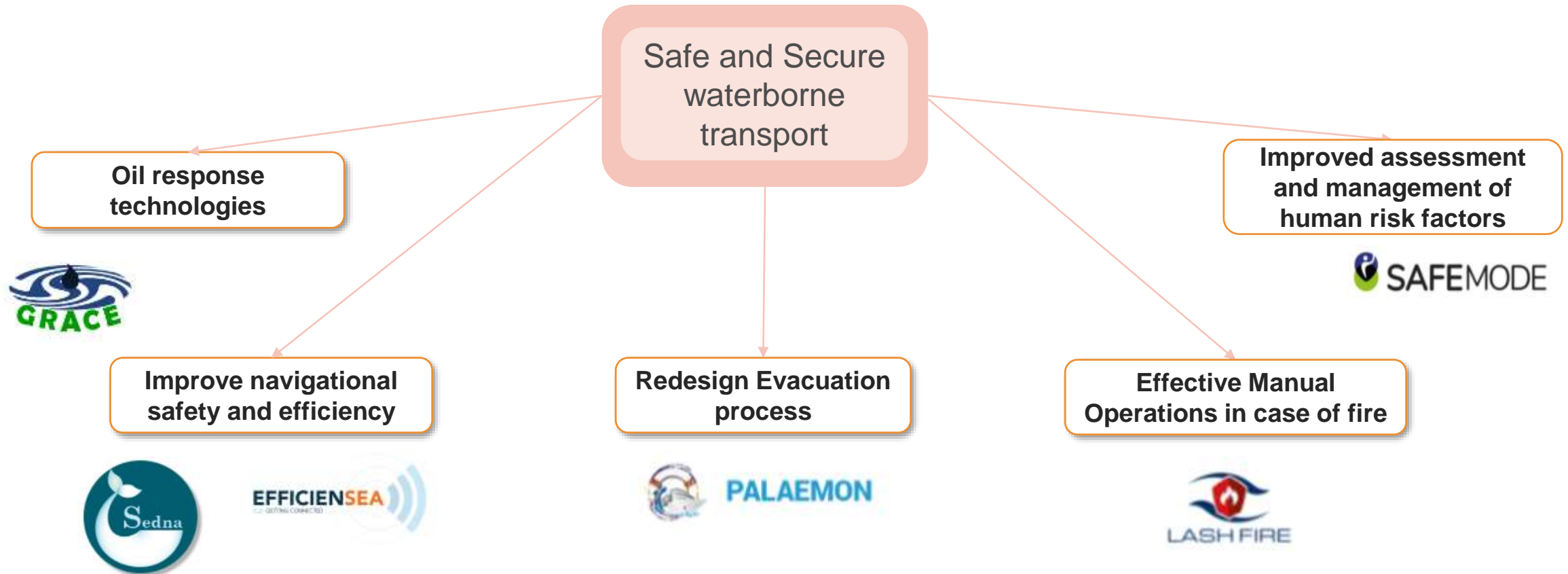
Safe and Secure waterborne transport



- ✓ **9 projects**
- ✓ **H2020 Net EU Contribution: 75 M €**
- ✓ **208 beneficiaries**

H2020 Waterborne Portfolio (2014-2021)

Safe and secure waterborne transport



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Thank you



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