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for Sustainable and Efficient Ships**  
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## **Deliverable 5.6**

### **Final Project Conference**

**November 2021**

Dissemination level: **Public**

## Abstract

The deliverable contains the description of the organisation and execution of the RAMSSES Final Public Conference.

The RAMSSES Final Project Conference was organised as a hybrid event in Nantes, France on 17 November 2021. The host IRT Jules Verne provided the venue, the videoconferencing system and staff to facilitate the hybrid event.

Project results and future concepts were presented and discussed.

Short CVs of the panelists and the moderator, the agenda and PDFs of the presentations can be found in the annex.



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## Contents

Abstract .....	2
Document data .....	3
1 The Conference Report .....	5
2 Conclusion .....	11
3 Index of figures .....	12
4 Annex .....	13

## 1 The Conference Report

The RAMSSES Final Public Conference was organised as a hybrid event due to the fact that many project partners wanted to meet in person despite the COVID-19 pandemic. The decision was taken during the Steering Group #16 which was held online via GoToMeeting on 23 September 2021. Despite the short preparation time the conference was executed successfully. The host IRT Jules Verne supported by the Center of Maritime Technologies gGmbH facilitated the hybrid event on their premises.

The main objectives of the RAMSSES Final Public Conference were to disseminate project results and to discuss options for the way forward regarding the long term objectives.

To achieve the objectives a conference task force was formed in July 2021. Digital task force meetings were held via Microsoft Teams. The following RAMSSES beneficiaries were involved in the preparation of the conference: CENTER OF MARITIME TECHNOLOGIES GGMBH (lead), CETENA S.p.A. Centro per gli Studi di Tecnica Navale, NAVAL GROUP, BUREAU VERITAS MARINE & OFFSHORE, DAMEN SCHELDE NAVAL SHIPBUILDING BV, NETCOMPOSITES LIMITED, RISE RESEARCH INSTITUTES OF SWEDEN AB, INSTITUT DE RECHERCHE TECHNOLOGIQUE JULES VERNE, FINCANTIERI SPA, and STICHTING NETHERLANDS MARITIME TECHNOLOGY FOUNDATION.

Carlo Cau, Centena S.p.a. (Coordinator) and Matthias Krause, Center of Maritime Technologies gGmbH (Technical Coordinator) opened the conference at 9:00 am (Figure 1); followed by a welcome address given by the RAMSSES Project Officer Renata Kadric, EC-CINEA via Webex (Figure 2) and greetings from the host Nathalie Baclet, Institut de Recherche Technologique Jules Verne.

The Amphitheatre at IRT Jules Verne Technocampus Ocean offered COVID-19 pandemic conform conditions for the event (Figure 3).

The keynote speech 'Research projects pave the way to lightweight solutions in shipbuilding' was given by Stéphane Paboeuf, Bureau Veritas, a member of the RAMSSES consortium (Figure 4).

Matthias Krause gave an introduction of the RAMSSES project and introduced the moderator Pentti Kujala, Professor of Practice at Aalto University.

The results of the RAMSSES project and future concepts were showcased in nine presentations, some of them jointly given by several project partners, followed by discussions:

- New partnerships and value chains enabling lightweight composite components for ships
- Multi material lightweight passenger cabin (Figure 5)
- Similar objectives, different challenges and solutions - RAMSSES lightweight solutions by Naval Group (Figure 6)
- Scaling up Composites Technology, and its Acceptance
- Plates and vessels built as truss structures in FRP
- Improving performance and lifespan of high tensile steel and other lightweight applications
- Technology Transfer and Future Concepts
- Assessing the technical performance and impact of RAMSSES solutions
- Improving the maritime industry's innovation capability

The technical presentations were followed by a panel discussion. Alan Klanac (Adriatic Fast Ferries), Vito Radolovic (Flow Ship Design), Stephan Sprenger (via Webex) (Evonik Industries AG) and Laurent Courrègelongue (Bureau Veritas) were on the panel.

Slido, a Q&A and polling platform, was used to interact with the audience attending physically and via Webex.

Part of the audience joining via Webex was captured on a photo (Figure 7).

A group photo was taken on IRT Jules Verne's premises (Figure 8).

During the breaks RAMSSES project videos were played to be viewed at the venue and via Webex (Figure 9).

The conference was closed at 5:45 pm.

26 (twenty-six) persons from the RAMSSES project and 6 (six) external persons attended the conference physically at IRT Jules Verne Technocampus Ocean. 32 (thirty-two) persons from the RAMSSES project, the RAMSSES Project Officer Renata Kadric and 27 (twenty-seven) external persons joined the conference online via Webex.

The audience from non RAMSSES project partners came from large enterprises, SME, research institutions, universities, classification societies and public authorities (ministries) from different EU countries. The 'Save the date' and later the 'Invitation' was published on the RAMSSES Website and via LinkedIn. The networks of the project partners were also used to promote the conference.

The combination with an E-LASS event on the following day underlined the sustainable network. E-LASS is the European network for lightweight applications at sea. Established in 2013 with a focus on lightweight design for the maritime industry. The coordinator of E-LASS is a beneficiary in RAMSSES.



Figure 1: Rules of the hybrid meeting presented by Matthias Krause



Figure 2: Welcome address given by the RAMSSES Project Officer Renata Kadric via Webex



Figure 3: Audience in the Amphitheatre at IRT Jules Verne Technocampus Ocean



Figure 4: Stéphane Paboeuf giving the keynote speech



Figure 5: Pierrick Delaunay presenting results regarding the lightweight passenger cabin





Figure 6: Pentti Kujala leading the discussion on Naval Group's presentation

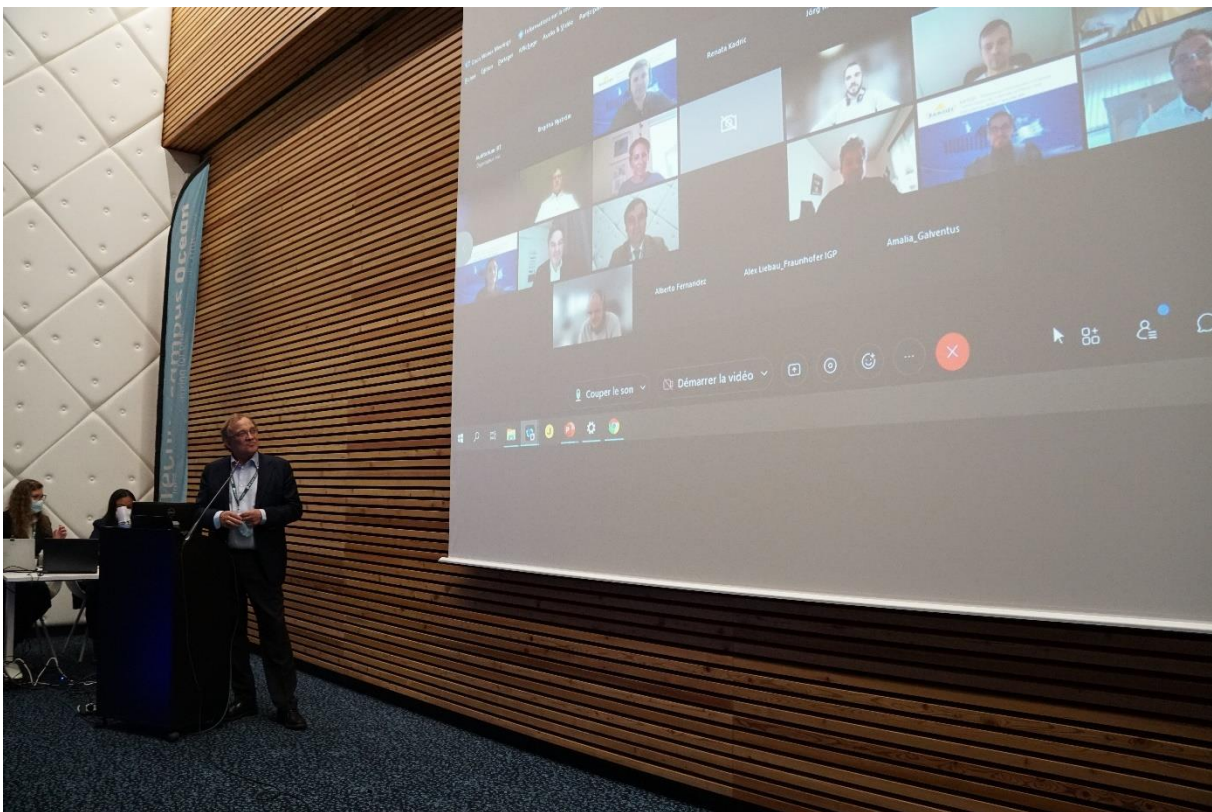


Figure 7: Part of the audience joining via Webex



Figure 8: Group photo taken on IRT Jules Verne's premises

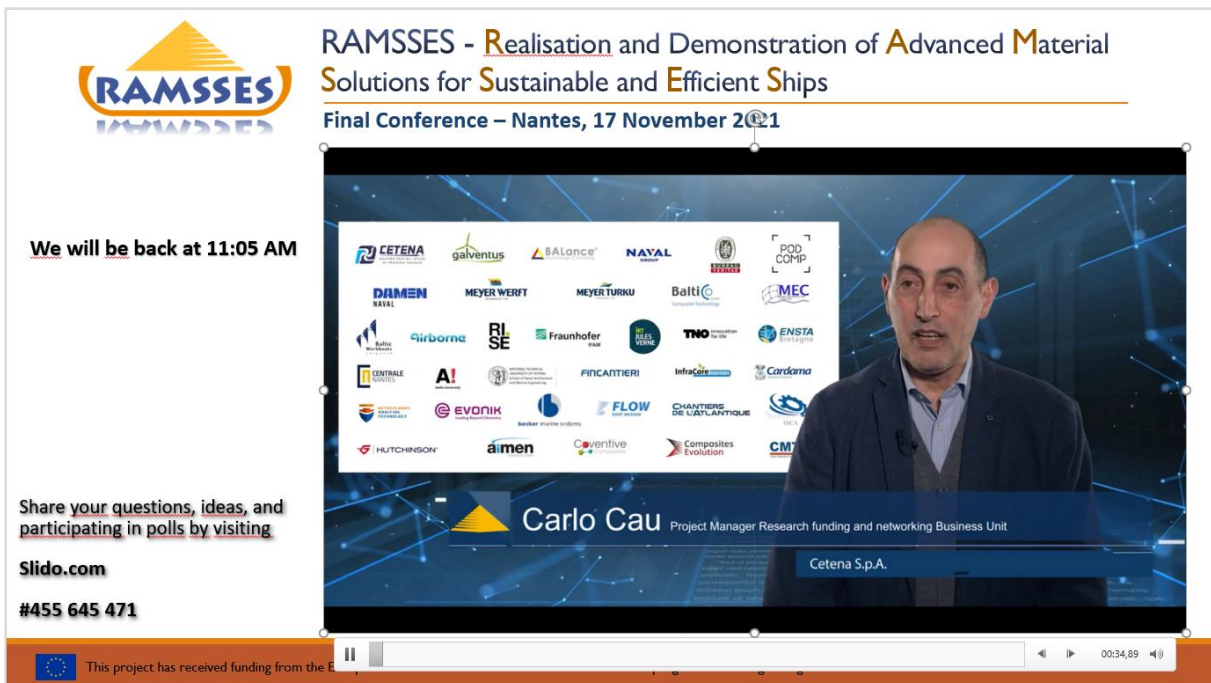


Figure 9: RAMSSES project videos played during breaks (screenshot)

## 2 Conclusion

The RAMSSES Final Public Conference demonstrated that the consortium reached the targets and verifiable goals which have been defined in the ‘Description of Action’ (DoA) (Figure 10).

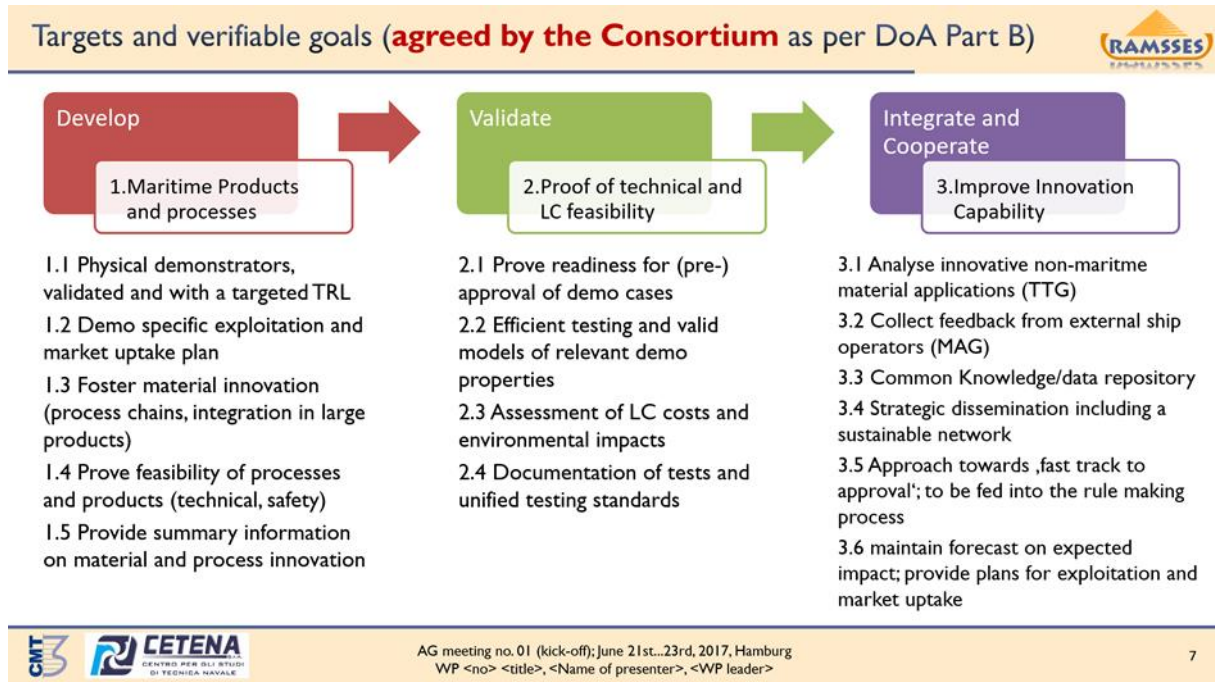


Figure 10: Targets and verifiable goals of the RAMSSES project

### 3 Index of figures

Figure 1: Rules of the hybrid meeting presented by Matthias Krause.....	6
Figure 2: Welcome address given by the RAMSSES Project Officer Renata Kadric via Webex.....	7
Figure 3: Audience in the Amphitheatre at IRT Jules Verne Technocampus Ocean .....	7
Figure 4: Stéphane Paboeuf giving the keynote speech .....	8
Figure 5: Pierrick Delaunay presenting results regarding the lightweight passenger cabin .....	8
Figure 6: Pentti Kujala leading the discussion on Naval Group’s presentation .....	9
Figure 7: Part of the audience joining via Webex .....	9
Figure 8: Group photo taken on IRT Jules Verne’s premises .....	10
Figure 9: RAMSSES project videos played during breaks (screenshot).....	10
Figure 10: Targets and verifiable goals of the RAMSSES project .....	11

## 4 Annex