

# Check-in & Sound check 08:30-09:00

*Via 'view options' you can switch to side-by-side mode to see the speaker and the presentation at the same time.*

Welcome to



webinar 15 Sept 2020

**The European network for Lightweight Applications at Sea**

## **Zoom Webinar rules of the day:**

1. *Upon entry, your microphone and camera are switched off. During "Check-in & Sound check you may check their functionality.*
2. *You may switch on your microphone and camera yourself. Only do this when given the word by the moderator.*
3. *Raise your hand if you want to ask the presenter a question. There will be a moderated Q&A after each presentation.*
4. *If you have a technical question, please use the chat.*



Welcome to



webinar 15 Sept 2020

The European network for Lightweight Applications at Sea



Franz Evgren

RISE Research Institutes of Sweden

Safety & Transport

Fire Safe Transport

# Four are one: RISE Research Institutes of ~~Sweden~~

The institutes **SP**, Innventia, Swedish ICT and Swerea have merged into RISE, in order to become a stronger research and innovation partner for businesses and society.

## Facts about RISE

- Turnover ~300 million Euro
- 2 300 employees, 30 % PhD
- SME clients responsible for approx. 30 %
- RISE is owner/partner in over 100 unique test beds and demonstration facilities

The RISE logo consists of the letters 'RI' stacked above 'SE' in a bold, black, sans-serif font. A small yellow square is positioned to the right of the 'I' in 'RI'.

## E-LASS History

### 12. Sept 2020, Webinar

- 11. Jan 2020, *IFAM* Bremen, Germany
- 10. June 2019, *aimen* Vigo, Spain
- 9. January 2019, *PodComp* Piteå, Sweden
- 8. June 2018, *CdA* Pornichet, France
- 7. January 2018, *RISE* Borås, Sweden
- 6. October 2017, *Uljanik* Pula, Croatia
- 5. November 2016, *SAPA* Finspång, Sweden
- 4. November 2015, *Damen* Gorinchem, Netherlands
- 3. January 2015, *Soton* Southampton, England
- 2. March 2014, *Meyer Werft* Papenburg, Germany
- 1. October 2013, *RISE* Borås, Sweden – *Kick-off*



*No member fee and low cost events – Sponsors!*

*"Not too commercial – not too scientific"*

## E-LASS Family – who is here?



**Rebecca Möller**

Project Communicator at RISE



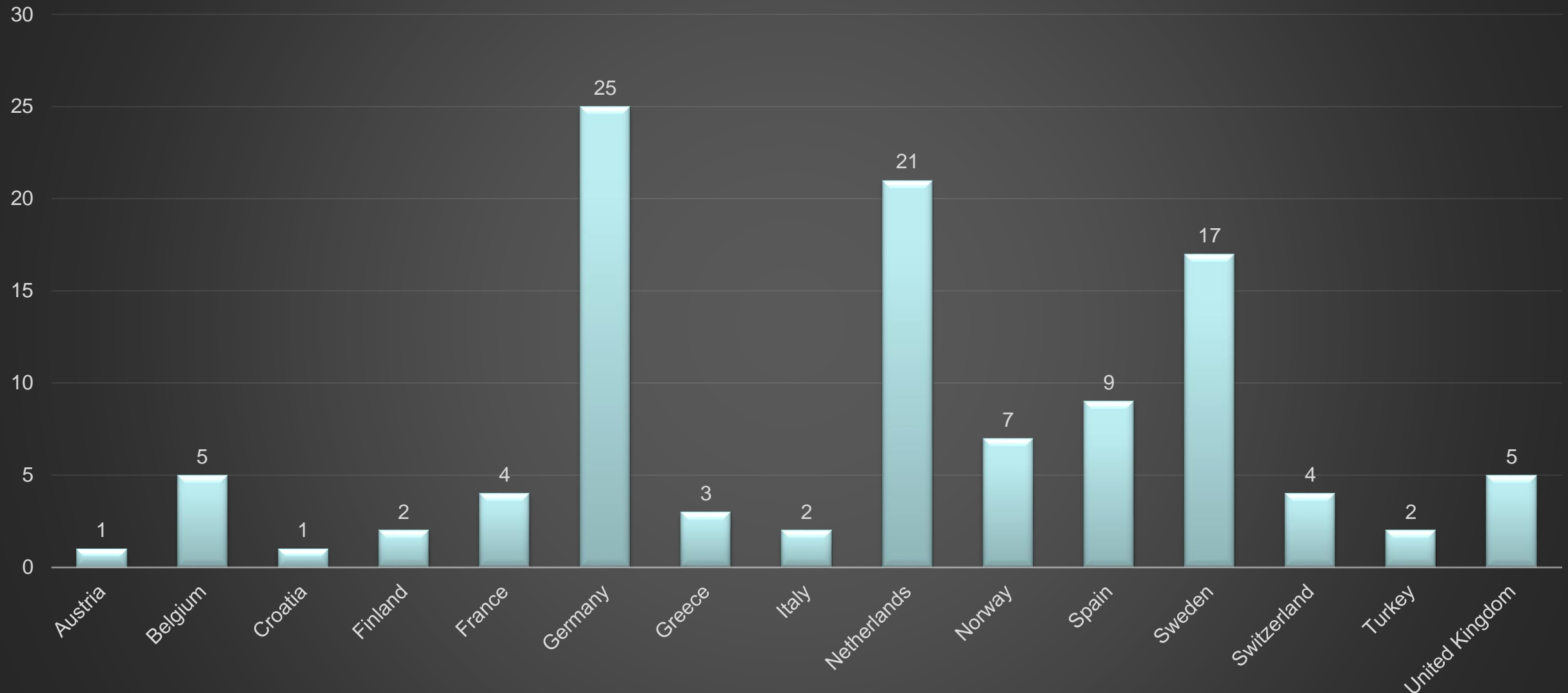
~~400 members from 30 nations~~  
*522 members from 32 nations*

**Survey!**

## E-LASS Family – where are you located?

Not sure Nadine.. you can share them here as well and I can put them up

Countries represented at E-LASS #12





## E-LASS Seminar #12 16 September 2020 Webinar (time zone: CET)



### Maritime lightweight from the Netherlands

08:30	09:00	Check-in & Sound check		
09:00	09:10	Welcome	Franz Evegren	RISE
09:10	09:35	Non-Destructive Inspection of Thick-Walled Composites	Andrei Anisimov	TU Delft NL (DCMC)
09:35	10:20	RAMSSES Demonstrator composite hull assembly by DSNS, ICC & BNS	Marcel Elenbaas	Damen, ICC & BNS
10:20	10:50	<i>Coffee break &amp; mingle</i>		
10:50	11:15	Developing automated repair techniques for repair of composite structures	Jan Halm	NLR (DCMC)
11:15	11:40	D-LASS - a cooperation between CompositesNL and NMT	Tahira Ahmed	Curve Works
11:40	12:00	Means for a sustainable E-LASS network - presentation and discussion	Tommy Hertzberg	RISE
12:00	13:00	<i>Lunch break &amp; mingle</i>		

### Lightweight applications at Sea - general

13:00	13:25	A practical case for the design of a lightweight vessel of 85 m-length fully in composites	Mariano Suchy	TSI
13:25	13:50	Large profile maritime bonding in the RAMSSES project	Luca Boschini & Alessandro Grazia	Vaber
13:50	14:00	Introduction to group discussions: The future E-LASS	Tommy Hertzberg	RISE
14:00	14:45	<i>Discussions in break-out groups &amp; coffee break</i>		
14:45	15:10	Summary and conclusions from group discussions	Tommy Hertzberg	RISE
15:10	15:35	Modular system "SeaPan" for interior and superstructure design	Alexander Lebedev	CBG Composites GmbH
15:35	16:00	Elastic Floor Bearings with Polyurethane Materials in Rolling Stock - A technology transferred from Rail Cars	Philippe Possin	Getzner
16:00	16:25	Non-combustible lightweight components	Markus Lehne	BALance
16:25	16:30	<i>Concluding remarks</i>	Franz Evegren	RISE



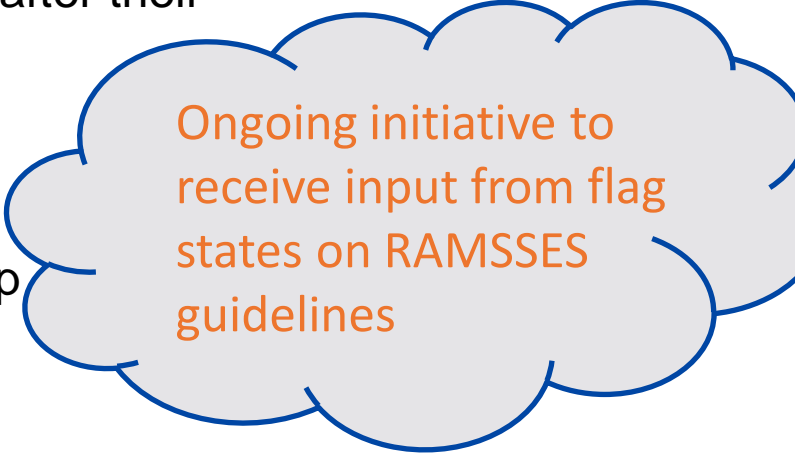
## Update of IMO guidelines on how to handle fire safety

### **Amendment proposals to MSC.1/Circ.1574, 9 June 2017**

*Interim Guidelines for use of Fibre Reinforced Plastic (FRP) elements within Ship Structures: Fire Safety Issues*

§4 These guidelines have been issued as "interim guidelines" in order to gain experience in their use. They should be reviewed four years after their approval in order to make any necessary amendments based on experience gained.

- E-LASS Correspondence Group to be established to gather input.
- E-mail [franz.evegren@ri.se](mailto:franz.evegren@ri.se) if you want to join the correspondence group
- More information in the next E-LASS newsletter.

A light blue thought bubble with a dark blue outline, containing orange text.

Ongoing initiative to receive input from flag states on RAMSSES guidelines

**Time for a Menti – go to [menti.com](https://menti.com) and submit the code 66 23 52 0**

- What do you want to see more of at the next E-LASS seminar?



# What would you like to see more of at E-LASS?

Business cases and business ideas

sustainability & recycling, trends for new materials

(Virtual) industry tour, maybe like the one at DSNS yesterday

With the trade shows being cancelled, I miss the opportunity to see new developments, and use E-LASS as a platform to understand what is moving the composite world more and more.

application success stories

Application cases

Quite balanced program. Maybe more industrial process.

transsectoral technology transfer

virtual industry tour, application success story

Technological challenges and matchmaking

applications // manufacturing industrial process methods

industry 4.0

Perhaps sharing awesome experiences of the past...? What have you seen and done, and what would you want to show the world?

research project results



**E-LASS**  
www.e-lass.eu

Stay tuned!

**Welcome to the next E-LASS event in  
Nantes, France, Jan 2021**

**NAVAL**  
GROUP



**RI**  
**SE**  
INSTITUTES

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**Thank you for your attention!**