

# One Sea – Autonomous Maritime Ecosystem

## Finnish Test Area(s)

9th May 2018, Ocean Week

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DIMECC

# One Sea Partners

**ABB**  
**Cargotec**  
**Ericsson**  
**FinFerries**  
**Finnpilot Pilotage**  
**Meyer Turku**  
**Rolls-Royce**  
**Tieto**  
**Wärtsilä**



# Ecosystem activities

<b>Ecosystem Core Activities</b>	<b>Vision &amp; Strategy</b>	<b>Roadmaps</b>		
<b>Ecosystem Program Activities</b>  <i>Open to all parties</i>	Product & service creation			
	Startup ecosystem			
	Pilots, PoC's			
	R&D Programs			
	Rules & regulations			
	Test areas, Labs			

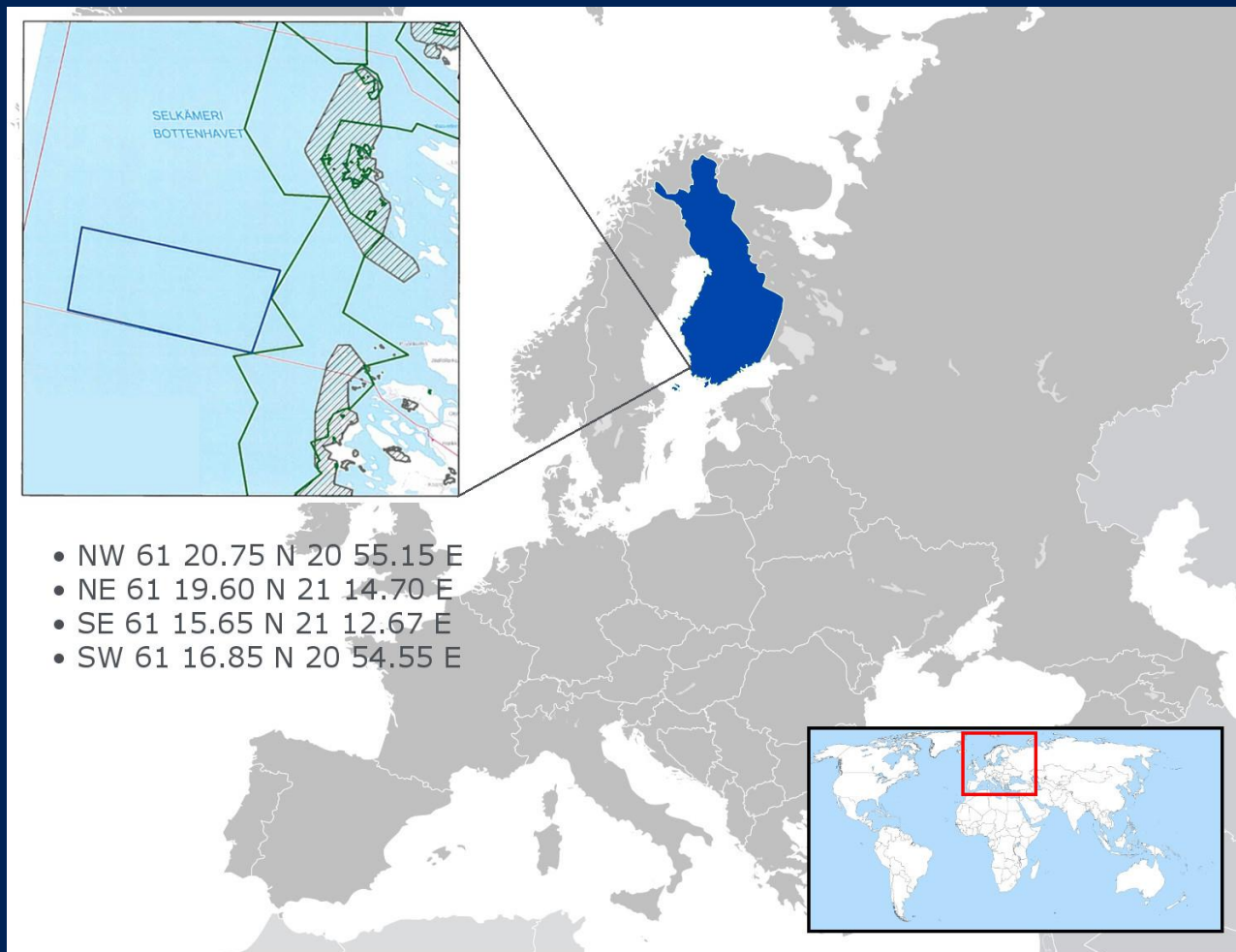
# Ecosystem activities

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# Jaakonmeri test area is open to all

Located in the coastal area of  
Finland

Approximately 17.85 km x 7.10 km



# Establishing the Jaakonmeri Test area



**29<sup>th</sup> June 2016 First discussion**  
about the test area with Ministry of Economic Affairs and Employment

**19<sup>th</sup> Aug 2016 presentation of a plan**  
created by Rolls-Royce in Team Finland building

**22<sup>st</sup> Sep 2016 The One Sea**  
autonomous maritime ecosystem

**21<sup>st</sup> Feb 2017 Final application**  
to ELY Centre of Southwest Finland

**10<sup>th</sup> Nov 2016 The first draft**  
of the test area application approved  
by One Sea Management Board

**22<sup>nd</sup> Nov 2016 First draft** of the application to Ministry  
of Transportation and Communications (LVM), The  
Finnish Transport Agency (FTA) and Centre for  
Economic Development, Transport and the  
Environment (ELY)

**10<sup>th</sup> July 2017 Approval**  
ELY Centre of  
Southwest Finland

MARITIME SAFETY COMMITTEE  
99<sup>th</sup> session  
Agenda item 5

MSC 99/INF/xx  
xx March 2018  
Original: ENGLISH

**Regulatory scoping exercise for the use of Maritime Autonomous Surface Ships  
(MASS)**

**Establishing International autonomous ships test area “Jaakonmeri”**

**Submitted by Finland**



**SUMMARY**

*Executive/summary:* This document provides information and experience gained while establishing a dedicated test area for full scale test of autonomous vessels. This document also describes the possibilities of such areas for different kind of test and operation scenarios

*Strategic Direction, if SD2 applicable:*

*Output:*

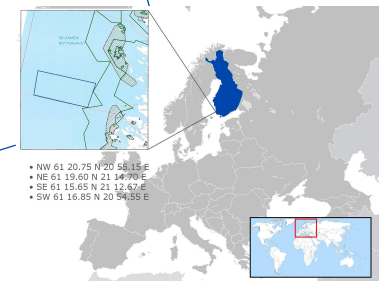
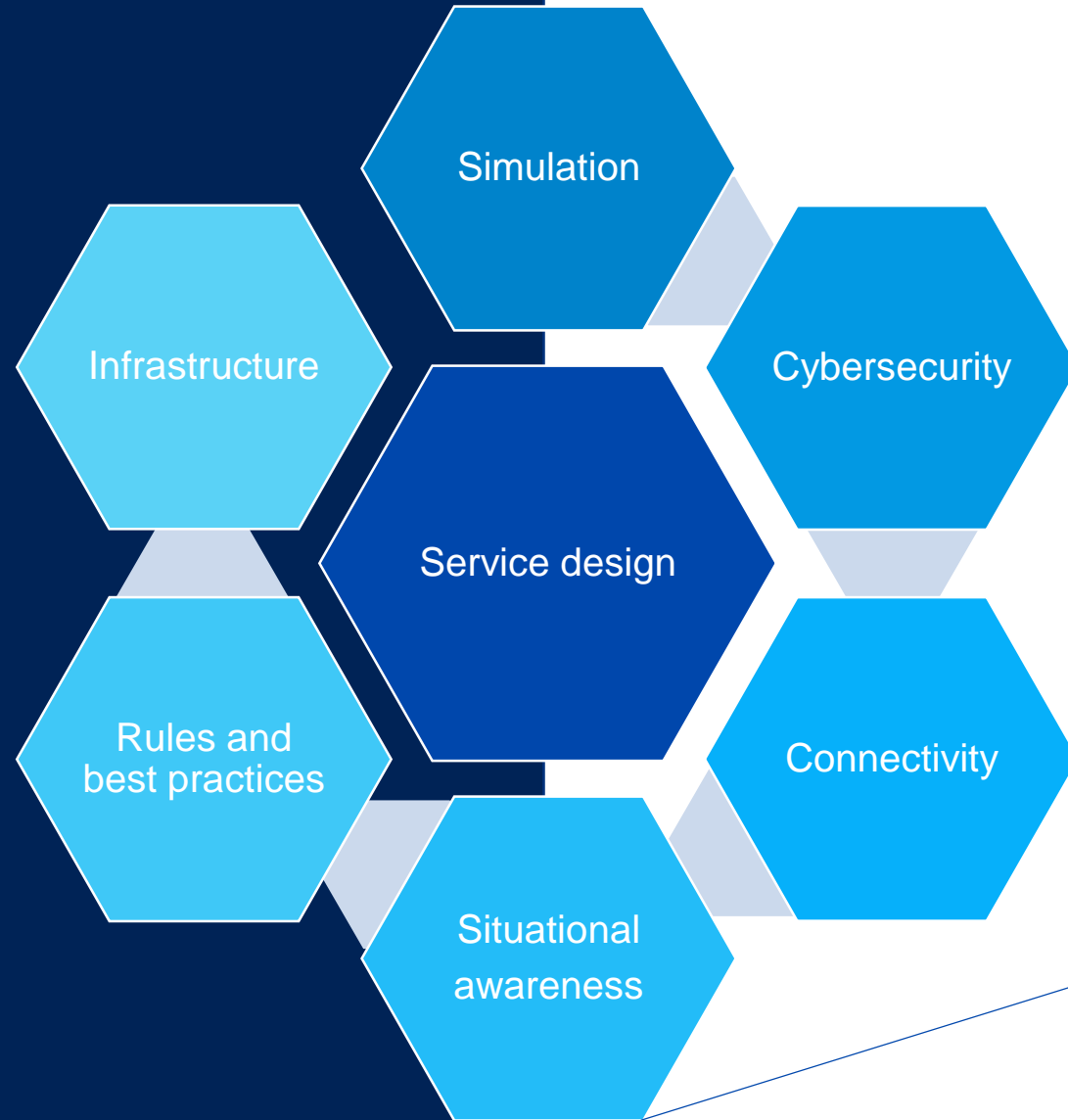
*Action to be taken:* Paragraph 25

*Related documents:* MSC 98/22/7



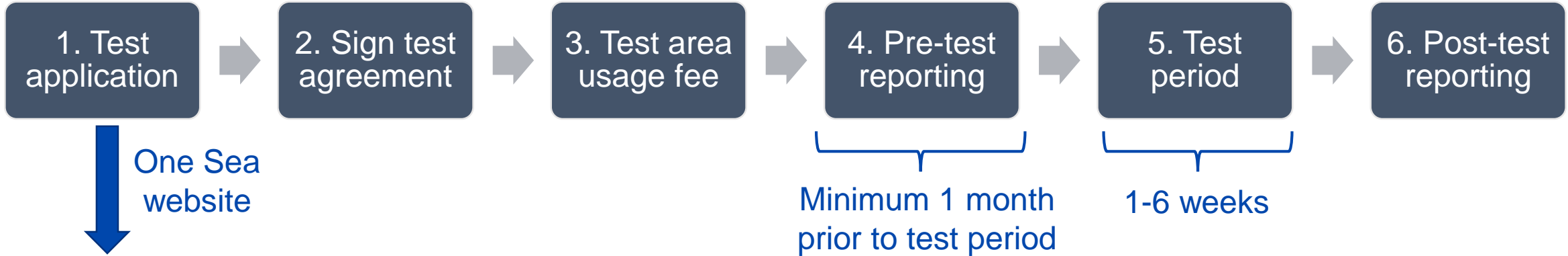
# Test area services

The connectivity and services, offered through DIMECC's partners, will be developed incrementally to offer various services to enhance the test experience.





Testing entity's activities



DIMECC's activities

- Validate received application
- Verify area availability and dependencies
- Liaise with officials if needed
- Send contract template
- Sign contract
- Archive/store contract
- Validate payment receipt
- Validate documents
- Communication to public and authorities
- Tests support
- Validate test reports

**DIMECC's co-creation ecosystem  
One Sea seeks global partners to join  
the leading research co-creation  
ecosystem.**

**Join us!**

[www.oneseaecosystem.net](http://www.oneseaecosystem.net)

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