



EFFICIENTFLOW

ANDERS BERG

SWEDISH MARITIME ADMINISTRATION



Agenda

- Background
- EfficientFlow Project Facts
- Port of Gävle & Port of Rauma
- Implementing STM
- Conclusions





Implementing Sea Traffic Management

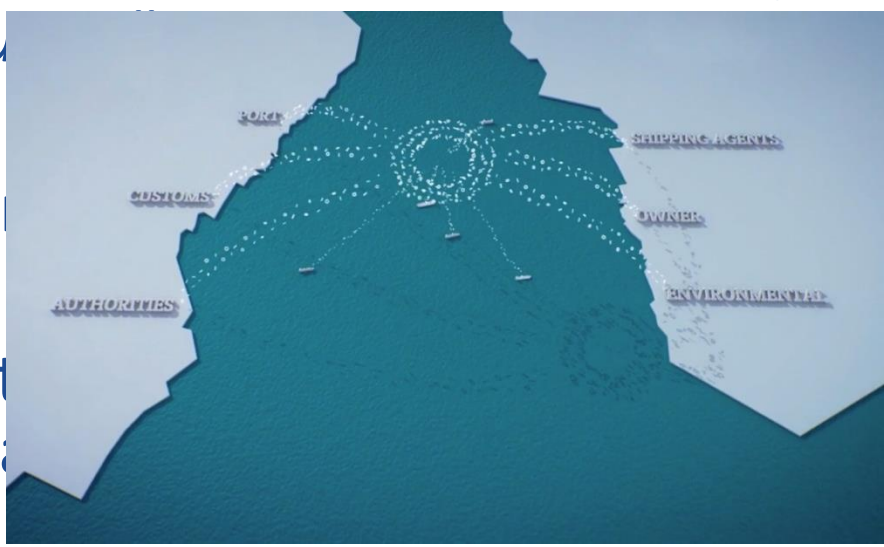
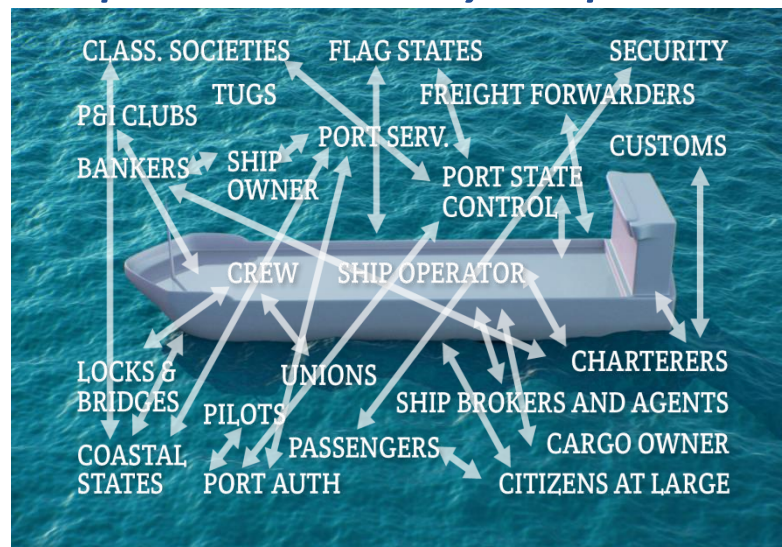
- Mona Lisa 2011-2013 Idea was born and tested
- Mona Lisa 2.0 2013-2015 STM as a concept was defined
- STM Validation Project 2015-2019 STM was validated on 300 vessels and 13 ports
- Now Implementation in different projects where EfficientFlow is the first one!





Sea Traffic Management The Concept

From *of vessel* **To** *the*
predictability in ports to jointly reach a more sustainable,
shipping industry



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- STM is a concept for information sharing in a standardized (independent on vendors) way

EfficientFlow Project Facts

- 4 572 902 euro budget
- Central Baltic focus
- Involving private, public and academic sector
- Co-financed by the EU Interreg Central Baltic programme - 3 429 6767 euro
- Project duration: March 1, 2018 – October 31, 2020





STM
EFFICIENT
FLOW

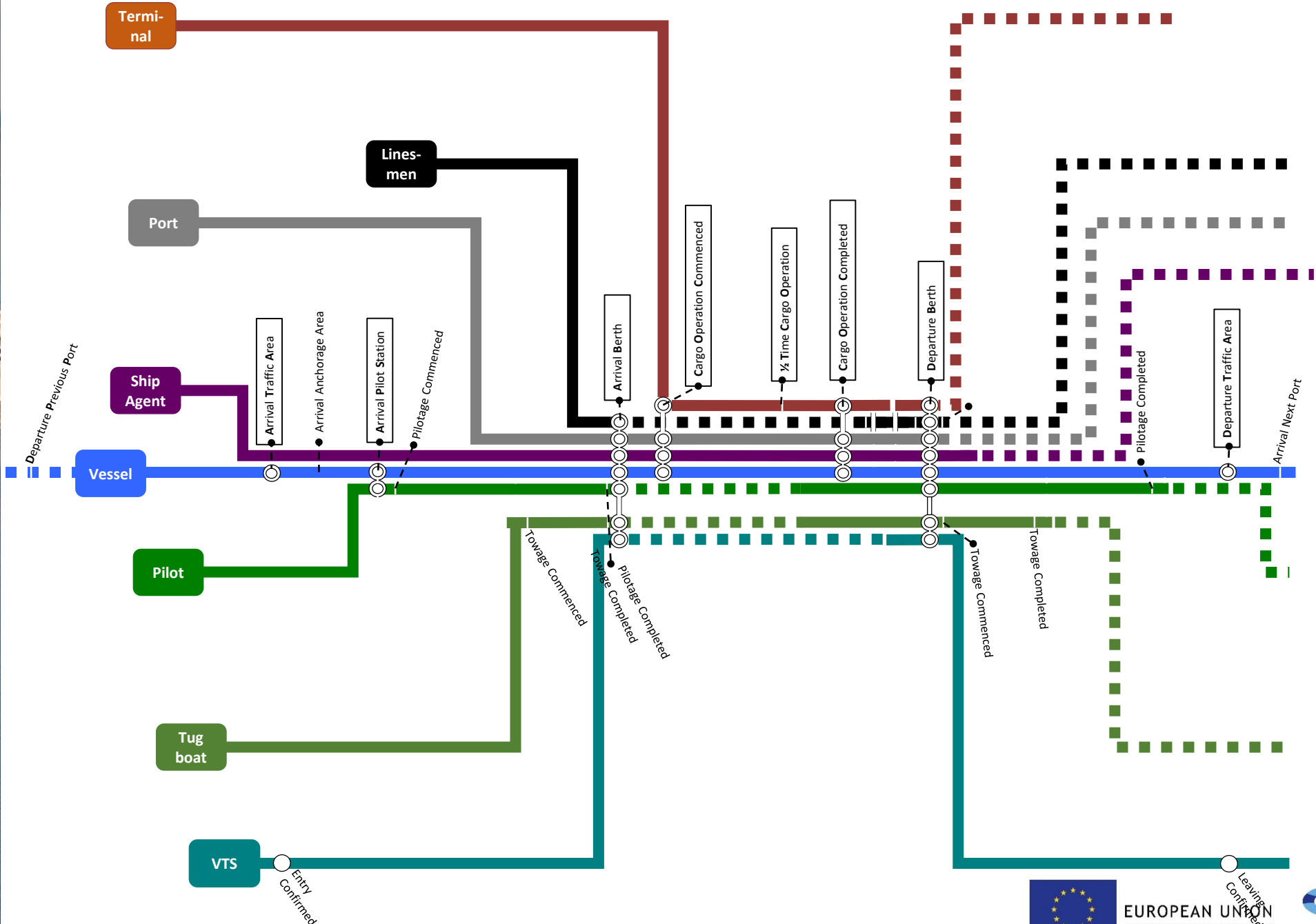
Partnership



Port of Gävle and Port of Rauma

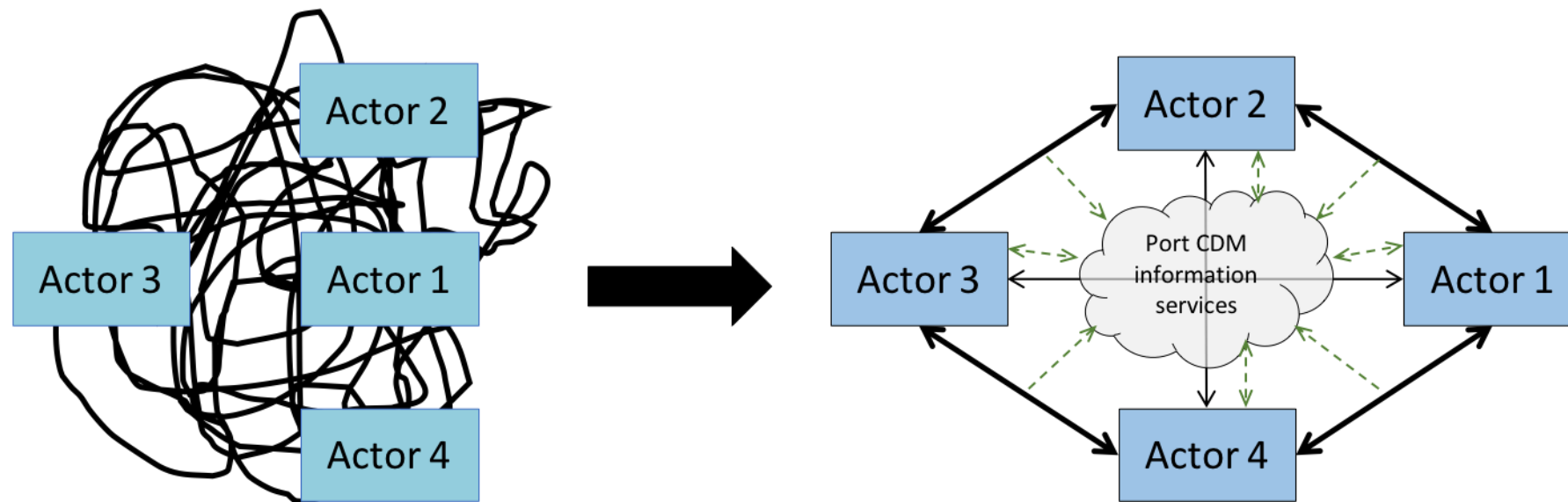
- Implementing STM!
- Port Call Coordination – Information sharing between port call actors such as: agents, terminals, tugs, pilot administration, port authorities etc.
- Port Call Synchronization – Connecting vessels to the ports
- Introducing: Hinterland!







Ships and Ports Need to be Connected!



Towards common instant information sharing



EUROPEAN UNION
European Regional Development Fund





Conclusions

Enable efficient **exchange of information** between maritime stakeholders through **common standards**.

A **decentralized** service ecosystem for ships, ports and authorities.

Enabling third-parties providing service **innovations**

Secure and authenticated access to **authorized** parties.



Kiitos, Tack & Thank You!

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