



KYSTVERKET

SSNN - Single Window

Jarle Hauge
Norwegian Coastal Administration

– Vi tar ansvar for sjøvegen

Agenda

- History, Background, Concept & Stakeholders
- SSNN Port
- Cargo Pilot
- EMSWe and SSNN



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SafeSeaNet Norway (SSNN)



EU legislation & IMO Conventions



Norwegian legislation



Services



Required



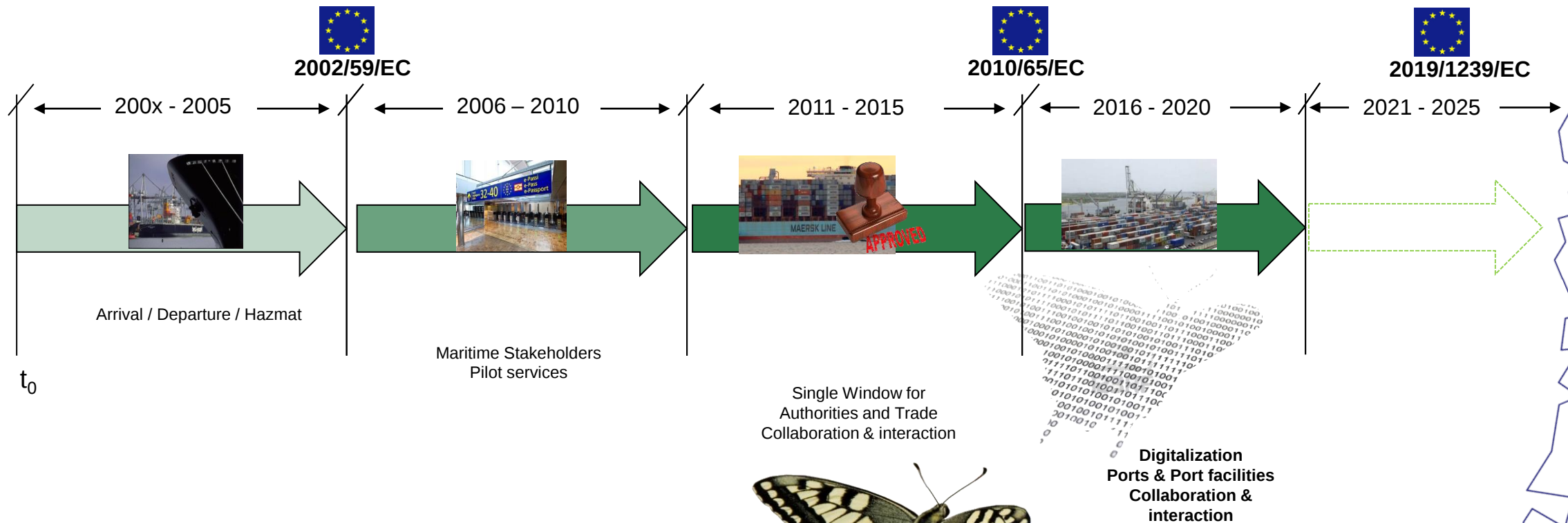
SafeSeaNet
Norway 

– Vi tar ansvar for sjøvegen



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Norwegian Single Window evolution

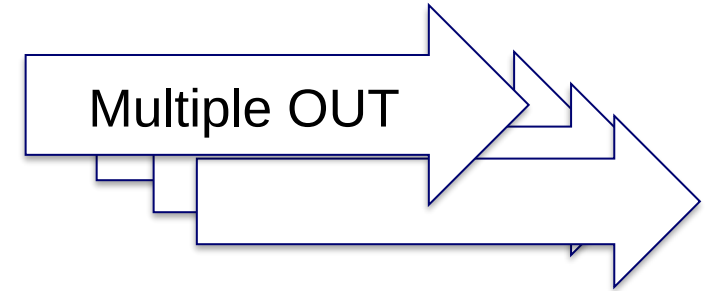


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Single Window principles



SafeSeaNet
Norway 

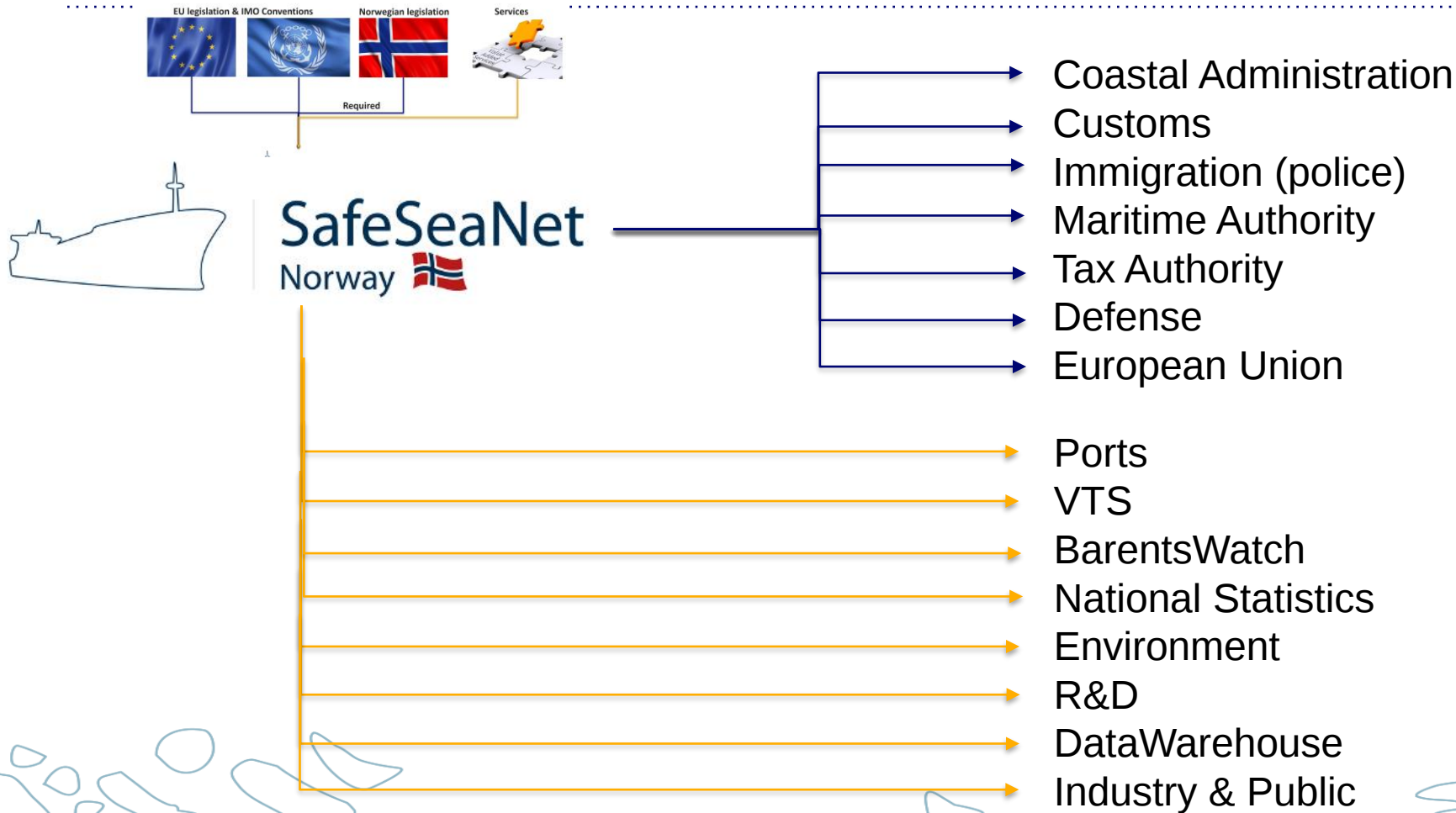


- Only once reporting
- Single point
- Data reuse
- Flexible/Dynamic
- Value Added Services

- Single access for Authorities
- Pull mechanism
- Silent Clearance
- Access for Services providers



SafeSeaNet Norway (SSNN)

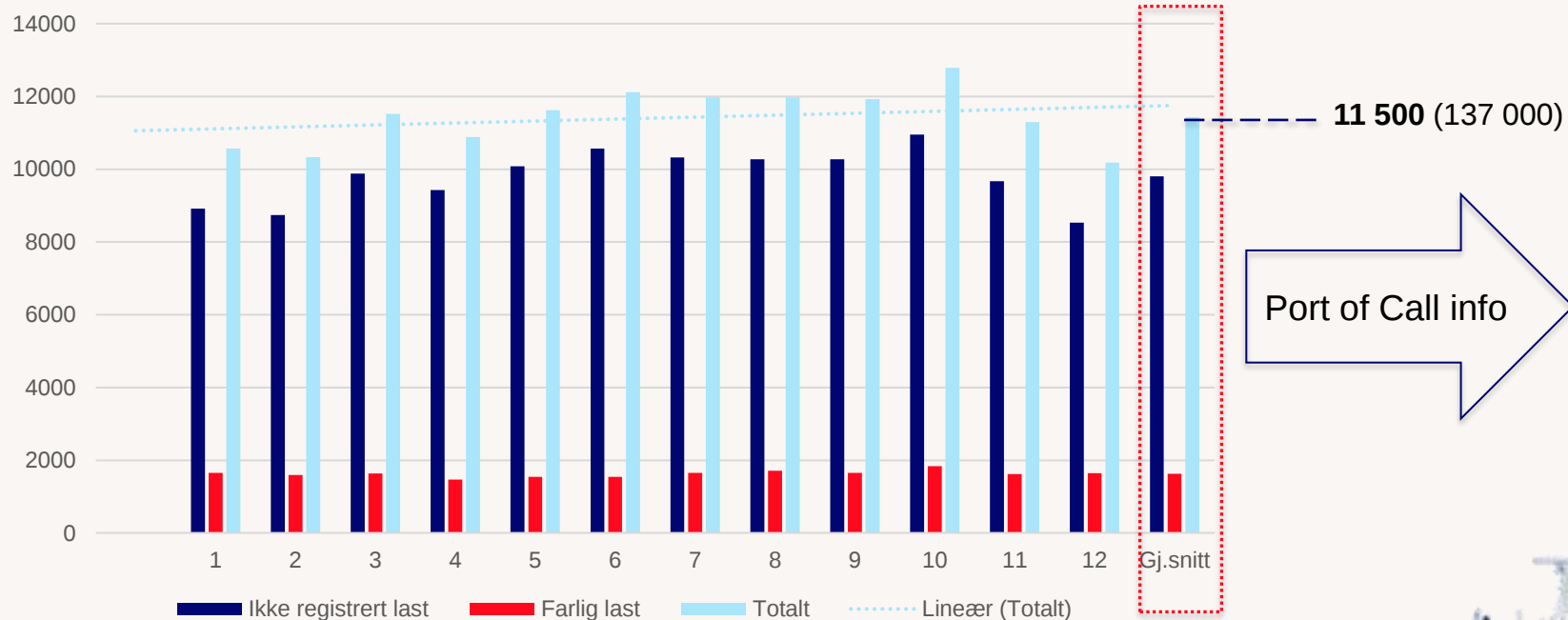


– Vi tar ansvar for sjøvegen



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Number of ship reports - 2020



Port of Call info



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PORT AUTHORITY

 MENU

 SafeSeaNet
Norway 

SHIP REPORTING
PORT AUTHORITY

Voyages
Ports Menu
Quay Requests
Single Permission
Issues
Change Requests
Reporting to Kystverket
Help

PEC ADMIN
MY ACCOUNT
MY COMPANY

[Port Authority » Voyages](#)
[Show Search Criteria](#) 

Export to Excel (Max 1000 rows) 

			Departure		Arrival			
Created	Ship Name	Call Sign	Location	ETD	Location	ETA	Deliveries [?]	Actions [?]
05.09.2022 12.38	TRYGVASON	LENJ	Bomlo	05.09.2022 12.17	North Sea	05.09.2022 13.00	       	
03.09.2022 09.42	ASKHOLMEN	V7RU4	Falkeidflaet Anchorage	05.09.2022 13.00	Karsto	05.09.2022 14.18	       	
05.09.2022 13.03	NERA	LK3243	Storesund	05.09.2022 13.02	Skudeneshavn	05.09.2022 15.19	       	
05.09.2022 08.47	TINTO	LAYE7	Bovagen - Karmoy	05.09.2022 14.25	Husoy - Karmoy	05.09.2022 16.10	       	
02.09.2022 17.30	KAUPANG	5LEP4	Hervikfjorden anchorage	05.09.2022 17.01	Karsto	05.09.2022 19.18	       	
05.09.2022 17.17	LONNINGEN	LKLV	Bomlo	05.09.2022 17.30	Storesund	05.09.2022 19.30	       	
04.09.2022 10.23	THEA II	5BRH4	Risavika	05.09.2022 17.25	Husoy - Karmoy	05.09.2022 19.54	       	
05.09.2022 15.33	BONA SEA	LCAW	Vedavagen	05.09.2022 18.00	Vormedal	05.09.2022 20.00	       	
05.09.2022 21.10	LONNINGEN	LKLV	Storesund	05.09.2022 21.21	Husoy - Karmoy	05.09.2022 22.15	       	
05.09.2022 16.31	NYVING	LGTK	Skogsvag	05.09.2022 12.15	Gismarvik	05.09.2022 22.30	       	

1 2 3 4 5 6 7



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PORT AUTHORITY

☒ Only show my associated councils
☒ Only show active quays

- Bokn
- Bømlo
- Haugesund
 - Hasseløya
 - Haugesund
 - Aibel AS
 - Dokk
 - Riggkaien
 - Skidkai
 - Utrustningskai
 - Vestre dokkai
 - Garpeskjær Havneanlegg, inkl Haugesund
 - Garpeskjær 1 (3-0521)
 - Garpeskjær 2 (3-0522)
 - Garpeskjær 3 (3-0522)
 - Garpeskjær 5 (3-0525)
 - Garpeskjær 6 (3-0526)
 - Garpeskjær 7 (3-0527)
 - Indre Kai N/S (3-061)
 - Killingøy Subsea and Offshorebase
 - Killingøy E (3-0212)
 - Killingøy mainland S (3-0222)
 - Killingøy mainland W (3-0221)
 - Killingøy S (3-0213)
 - Killingøy W (3-0211)
 - Garpeskjær 4 (3-0524)
 - Indre kai (3-061)
 - Killingøy
 - Risøya
 - Rovar
 - Rovarsfjorden
 - Vibrandsøy

Port Authority » Ports Menu

Show ports menu

Show overview

The menu on the left shows Norwegian ports, port facilities, quays, and port (2005/65)

Administrator

[Remove KARMSUND HAVN IKS as administrator](#)

Quay: Garpeskjær 2 (3-0522)

Basic Information

Name: Garpeskjær 2 (3-0522)

Port: Haugesund (NOHAU)

Status: Active

Quay Requests

Open for quay requests via SafeSeaNet [\[?\]](#) Yes

☒ I would like to receive quay requests to the following email address

havnevakt@karmsund-havn.no

Note: Supports comma separated e-mail addresses.

Notifications, announcements and other useful information for this quay: [\[?\]](#)

Arrival of non-ISSC vessels only after approval by Karmsund Port.

ISPS

☒ This quay is inside a Port Facility Area [\[?\]](#)

Port Facility: Garpeskjær Havneanlegg, inkl Haugesund

Services

☒ Bunkers ☒ Deliver waste ☒ Other ☒ Shore power
☒ Cargo storage ☒ Freshwater ☒ Repairs ☒ Tug boat
☐ Crane ☒ Line's men ☐ Ro-ro ramp

Position

Latitude: 59° 24' 39.55" N

Longitude: 5° 15' 26.37" E

Quay Contact Details

These contact details will be available when registering voyages to this quay.

☐ Use the same contact details as my company

Telephone: +47 52703750

Duty Phone (24h): +47 52703757

E-mail: havnevakt@karmsund-havn.no

Web: https://karmsundhavn.no/en/a

Save Undo Changes



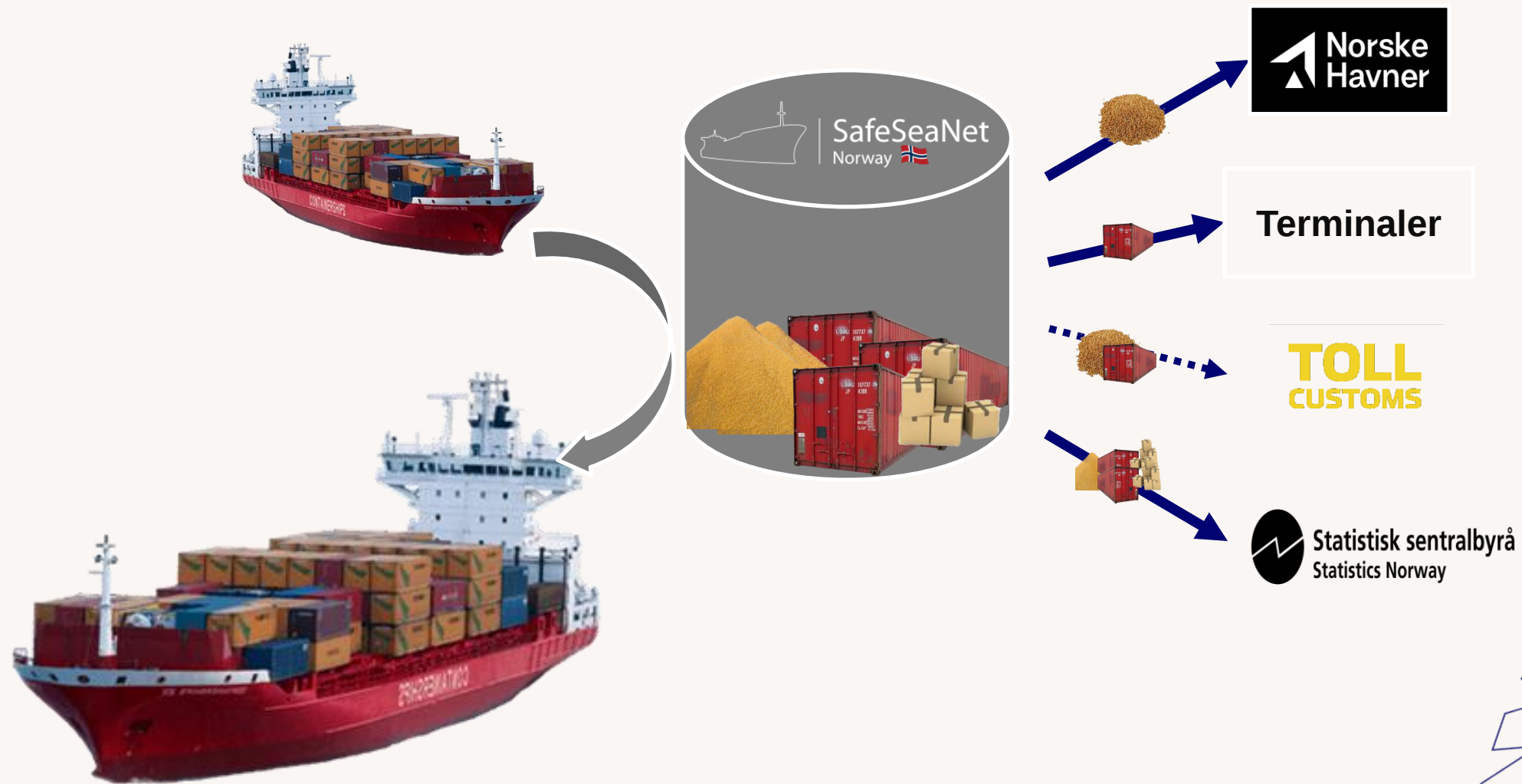
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Last pilot - bakgrunn og mål

- I samarbeid med næringen utvikle løsninger for å rapportere godsdata i SSN N som optimaliserer ønsker og krav fra næringen, samtidig som datainnsamlingen tilfredsstiller kravene fra statistikkdirektivet (Direktiv 2009/42/EC).
- Teste ut løsningene i en pilotperiode med interesserte aktører.
- Effektivisere rapportering fra skip gjennom å unngå dobbeltrapportering og effektivisere dataflyten sammenlignet med dagens situasjon.
- Bidra til økt datakvalitet og dermed forbedre den maritime godsstatistikken.

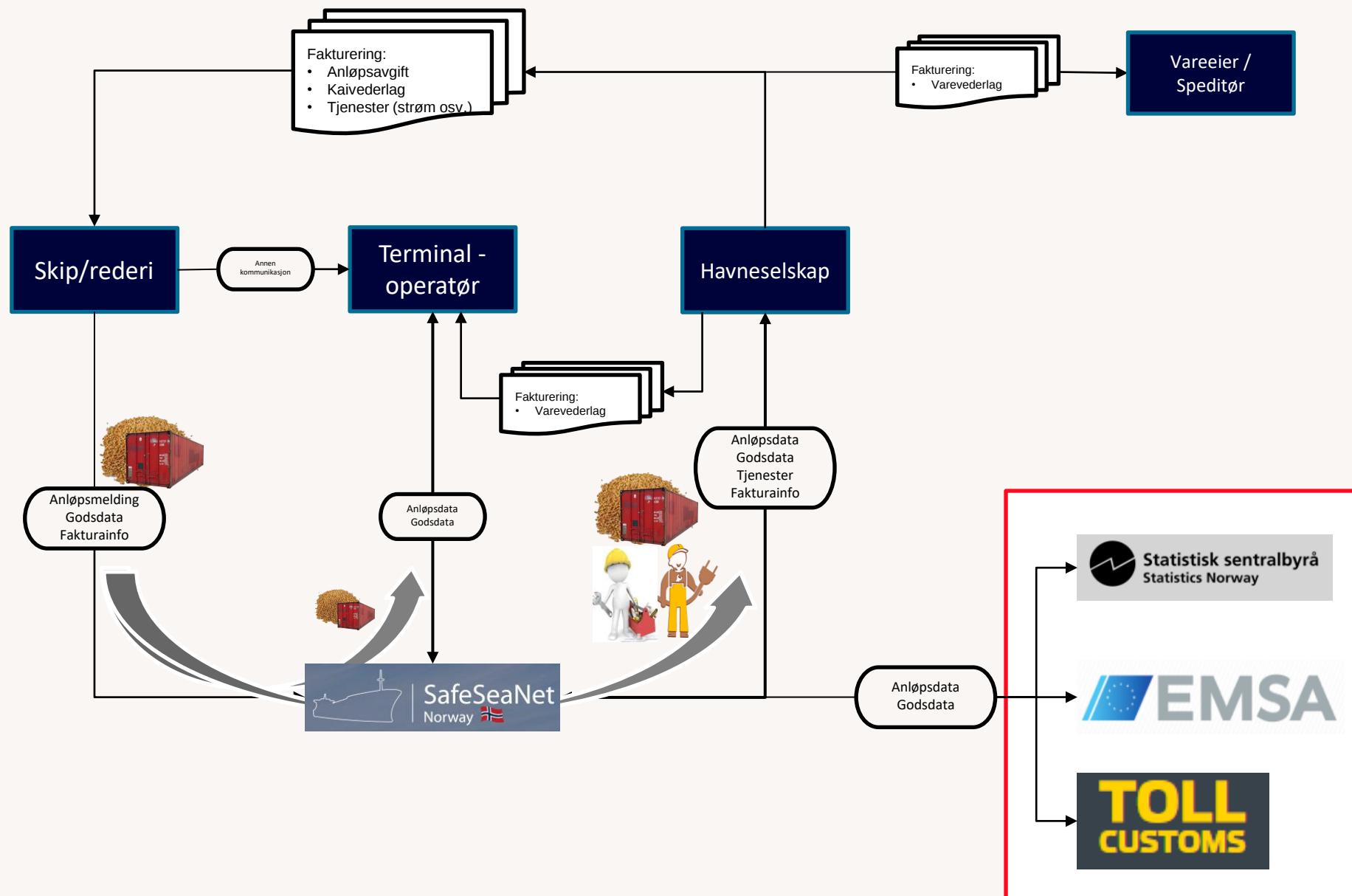


SSN Cargo – Pilot project

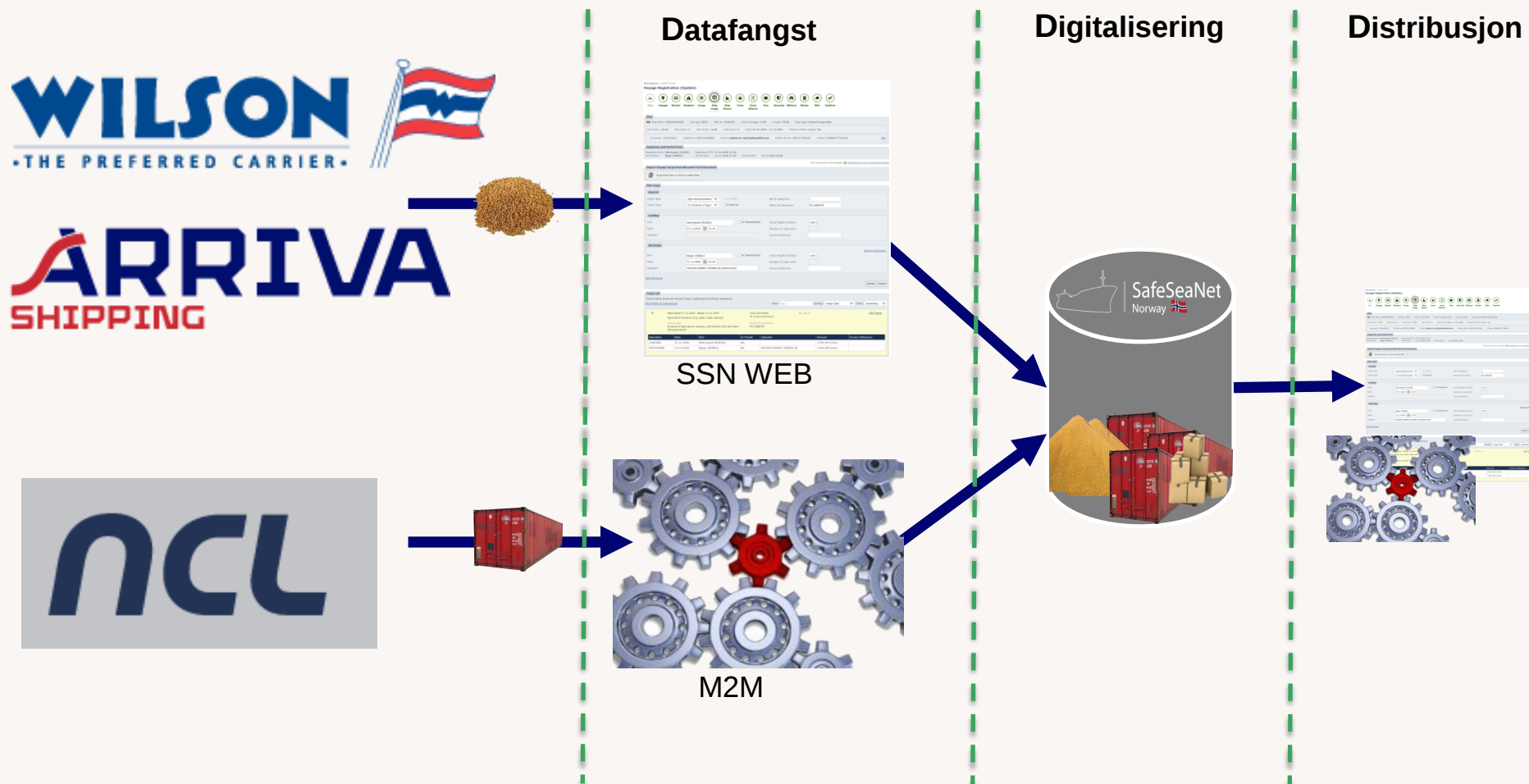


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Future? (EMSWe)



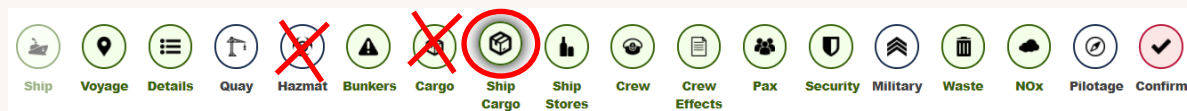
Last pilot - Proof of concept



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CARGO INPUT

CARGO



Edit Cargo

General

Cargo Type: Other general cargo ☐ Is Empty
Goods Type: 06 Wood and product ☒ Is Hazmat
Bill of Lading No.: 1
Marks and Numbers:

Hazmat

Classification: IMDG
UN No./Name:
Selected: [View hazmat substances](#)
Location Onboard: [?]
Trans Unit ID: ☐ Placed in Container

Loading

Port: Gdynia (PLGDY) ☐ Is Transhipment
Date: 10.11.2020 15:00
Operator:
Gross Weight (tonnes): 80
Number of cargo units:
Invoice Reference:

Discharge

Port: Oslo (NOOSL) ☐ Is Transhipment
Date: 12.11.2020 18:00
Operator: WILSON AGENCY NORGE AS (995515253)
Gross Weight (tonnes): 80
Number of cargo units:
Invoice Reference:
[Remove Discharge](#)

[Add Discharge](#)

Update

Cancel

Cargo List

The list below shows all relevant Cargo Loading and Discharge operations.
[Show/Hide All Transactions](#)

Filter: Sorting:

Cargo Type

 Order:

Ascending

	Gdynia 10.11.2020 - Oslo 12.11.2020 Other general cargo	80 tonne All cargo discharged	B/L No. 1	Edit Delete		
Goods Type Wood and products of wood and cork (except furniture); articles of straw and plaiting materials; pulp, paper and paper products; printed matter and recorded media		Marks And Numbers -				
Operation	Date	Port	In Transit	Operator	Amount	Invoice Reference
LOADING	10.11.2020	Gdynia (PLGDY)	No		80 tonne	
DISCHARGE	12.11.2020	Oslo (NOOSL)	No	WILSON AGENCY NORGE AS	80 tonne	

Gdynia 10.11.2020 - Oslo 12.11.2020
Other general cargo

1 tonne
All cargo discharged

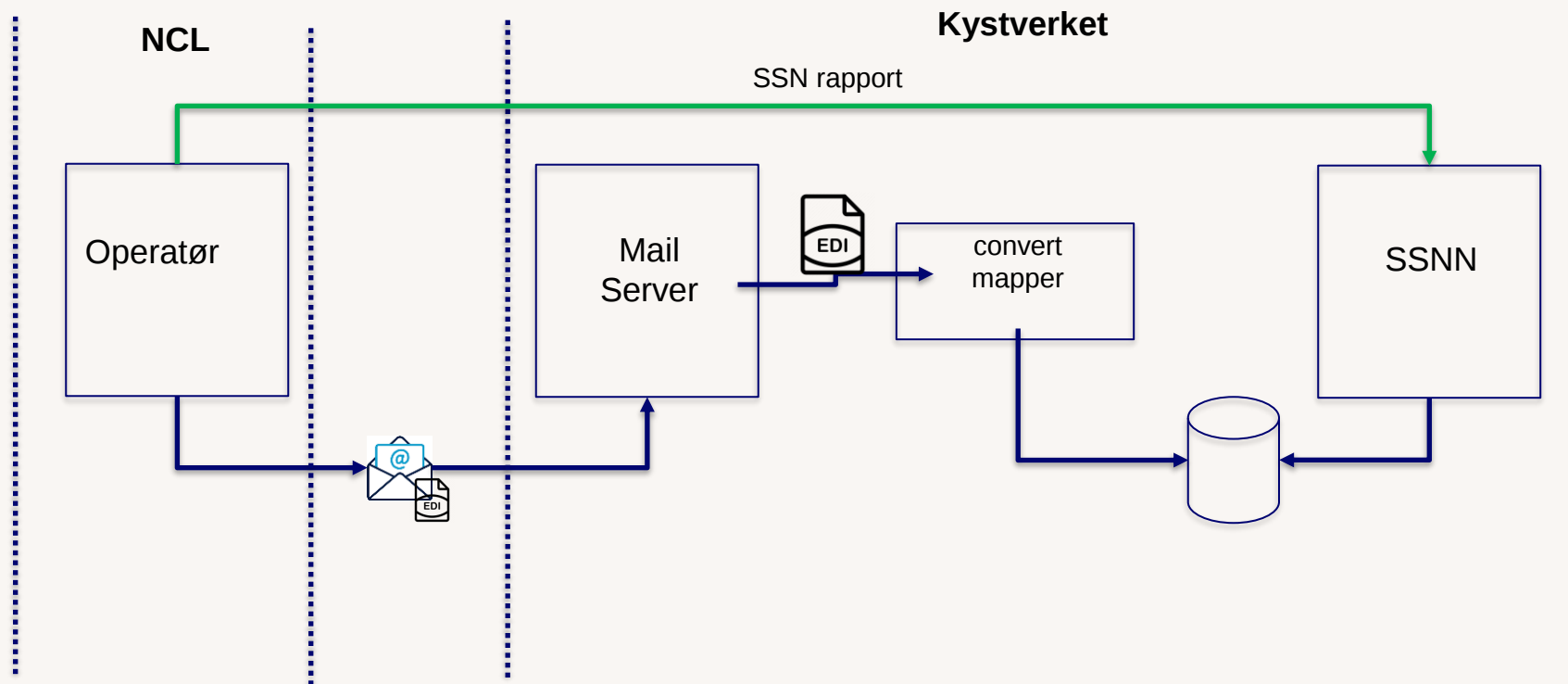
B/L No. 1

[Edit](#) [Delete](#)



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Data flow - NCL - SSN



			Departure		Arrival		Deliveries [?]	Actions [?]
Created	Ship Name	Call Sign	Location	ETD	Location	ETA		
10.11.2020 13.18	WILSON FEDJE	8PAH4	Gdynia	10.11.2020 15.00	Oslo	12.11.2020 18.00	        	

Waste Disposal Information

Waste Type	Additional Description	Amount To Deliver	Max Storage Capacity	Retained Amount	Estimated Generated Amount	Unit	Port of Delivery of Remaining Waste
Waste oils - Oily residues (sludge) (1100)		0	6,4	0,4	0,1	M3	
Waste oils - Oily bilge water (1200)		0	3	0,3	0,01	M3	
Waste oils - Other (1300)	Dirty oil	0	3	0	0	M3	
Garbage - Food waste (2100)		0,19	0,25	0,17	0,02	M3	Oslo (NOOSL)
Garbage - Plastics (2200)		0,24	0,25	0,22	0,02	M3	Oslo (NOOSL)
Garbage - Other (2300)	Oily Rags	0	0,25	0,1	0,01	M3	
Garbage - Other (2300)	Domestic waste	0,4	0,5	0,38	0,02	M3	Oslo (NOOSL)

Hazmat

Hazmat information not delivered.

Bunkers

Bunkers Type	Quantity	Unit
MGO (Marine gas oil)	102	TON
LO (Lubrication oil)	5,3	M3

Cargo

Show/Hide All Transactions

Filter: Sorting: Cargo Type Order: Ascending

	DISCHARGE: Oslo 12.11.2020 Other general cargo Goods Type Wood and products of wood and cork (except furniture); articles of straw and plaiting materials; pulp, paper and paper products; printed matter and recorded media Operator WILSON AGENCY NORGE AS	80 tonne Marks And Numbers - Invoice Reference	B/L No. 1
	DISCHARGE: Oslo 12.11.2020	1 tonne	B/L No. 1



European Maritime Single Window environment (EMSWe)

Regulation (EU) 2019/1239 of the European Parliament and of the Council of 20 June 2019

The EMSWe Regulation **repeals Directive 2010/65/EU** on reporting formalities and, building on the existing maritime national single windows (MNSWs), establishes a **common, interoperable environment** for the reporting of information from ships to shore during a port call.

In particular, it empowers the Commission to **define a harmonised data*** set covering all reporting obligations and to **develop and maintain common interfaces and services for the MNSWs**.

The EMSWe Regulation will apply from 15 August 2025.



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European Maritime Single Window environment (EMSWe)

Regulation (EU) 2019/1239 of the European Parliament and of the Council of 20 June 2019

EMSWe dataset*

Regulation (EU) No 1239/2019

*1200ish data elementer

Data group / element ID	Name	Description	Format	IMO Compendium	UCC Annex B	Code list	Business rules
DE-064-22	Holder of the transit procedure, Contact person: Phone number		an..35		1307074075		
DE-064-23	Holder of the transit procedure, Contact person: E-mail address		an..256		1307074076		
DE-064-24	Person presenting the goods, Identification number	This information takes the form of the EORI number of the person presenting the goods to customs upon their arrival.	an..17		1311017000	Refer to UCC code lists	
DE-064-25	Representative, Name	This information shall be required, if different from D.E. 1305000000 Declarant or where appropriate D.E. 1307000000 Holder of the transit procedure. Enter the full name and where applicable the legal form of the party.	an..70		1306016000		
DE-064-26	Representative, Identification number	Enter the EORI number of the person concerned	an..17		1306017000	Refer to UCC code lists	
DE-064-27	Representative, Status	Enter the relevant code representing the status of the representative	n1		1306030000	Refer to UCC code lists	
DE-064-28	Representative, Address: Street	Enter the name of the street of the party's address and the number of the building or facility. Enter the name of the street of the party's address.	an..70		1306018023		
DE-064-29	Representative, Address: Street additional line	Continue entering the name of the street of the party's address when the name of the street exceeds the capacity of 'street'.	an..70		1306018024		
DE-064-30	Representative, Address: Number	Enter the number or name of the building or facility.	an..35		1306018025		
DE-064-31	Representative, Address: P. O. box	Enter the P.O.box information of the party.	an..70		1306018026		
DE-064-32	Representative, Address: Sub-division	Enter a specific region or province.	an..35		1306018027		
DE-064-33	Representative, Address: Country	Enter the code of the country.	an2		1306018020	GEONOM codes	
DE-064-34	Representative, Address: Postcode	Enter the relevant postcode for the related address particulars	an..17		1306018021		
DE-064-35	Representative, Address:	Enter the city name of the party's address.	an..35		1306018022		



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European Maritime Single Window environment (EMSWe)

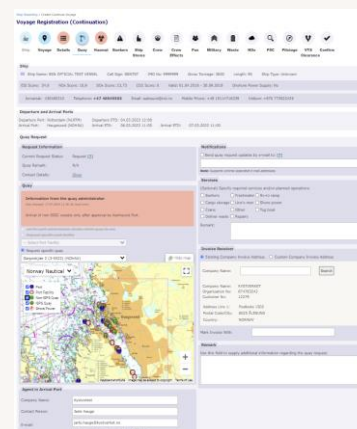
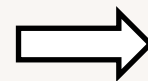
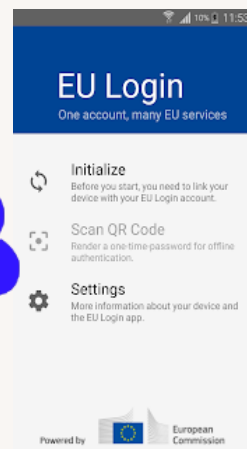
Regulation (EU) 2019/1239 of the European Parliament and of the Council of 20 June 2019

Tilgang til SSNN skal skje igjennom EU login.

- Alle norske SSNN brukere registreres i EU
- EORI# sentral ID



Economic Operator Registration
and Identification number

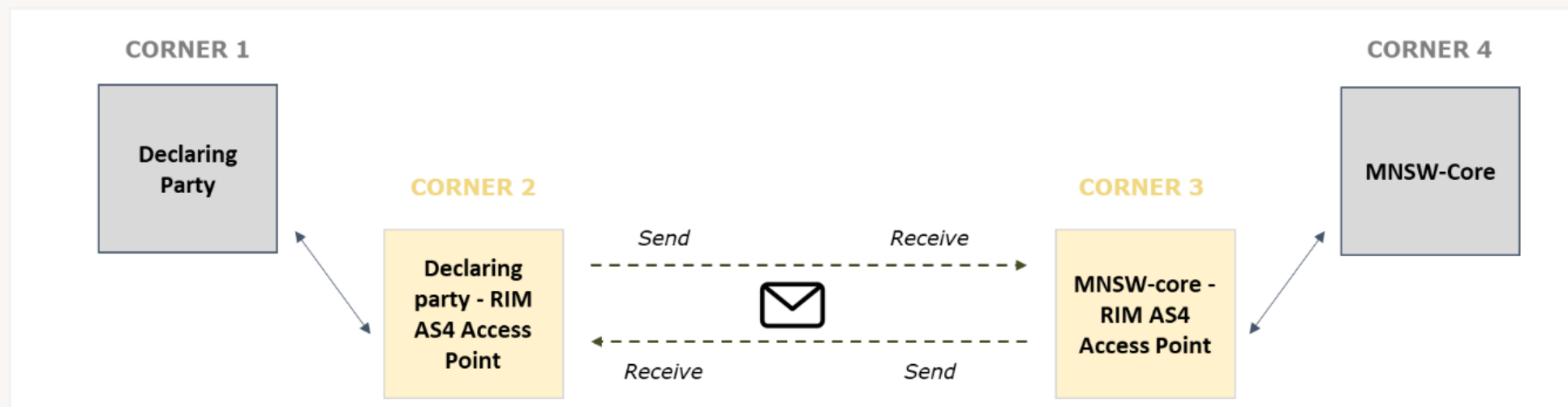


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European Maritime Single Window environment (EMSWe)

Regulation (EU) 2019/1239 of the European Parliament and of the Council of 20 June 2019

Reporting Interface Module (RIM) 4 corner model



*AS4 (Applicability Statement 4) is an [open standard](#) for the secure and payload-agnostic exchange of [Business-to-business](#) documents using [Web services](#).

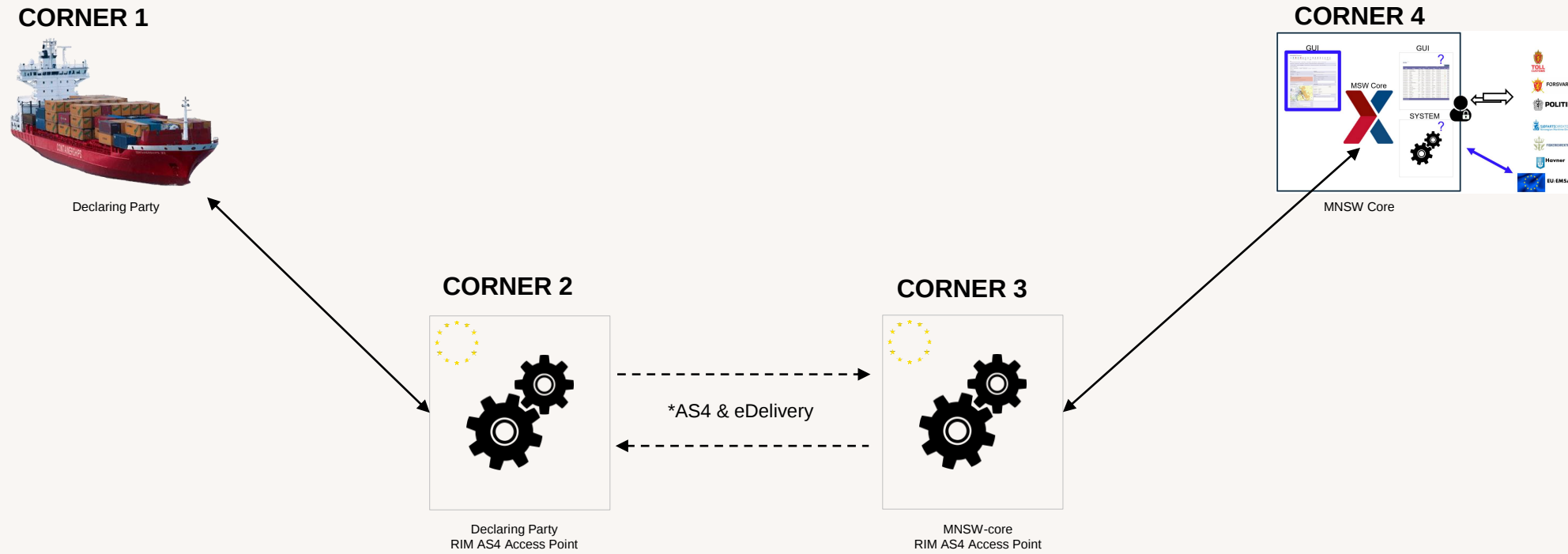


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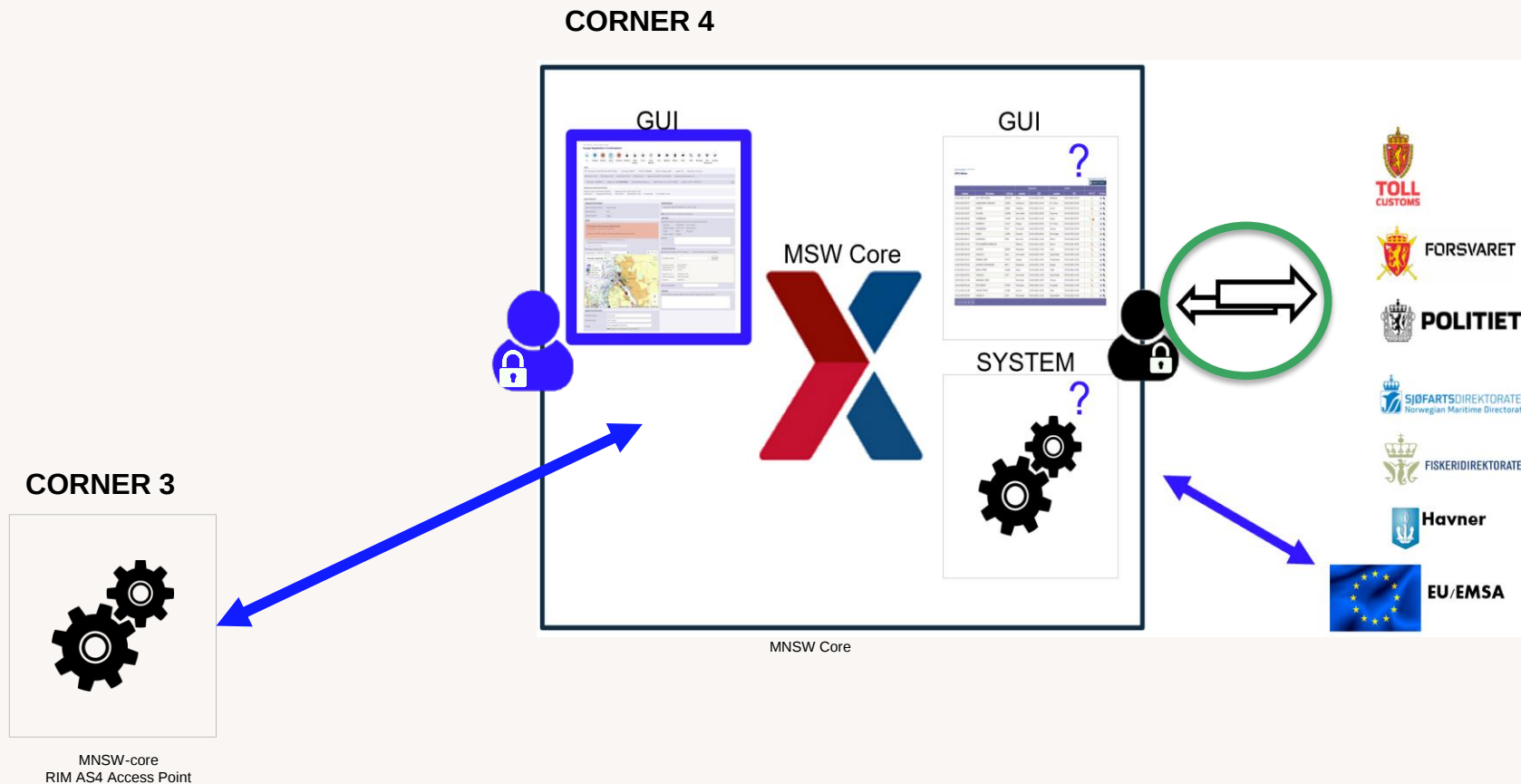
Regulation (EU) 2019/1239 of the European Parliament and of the Council of 20 June 2019

Reporting Interface Module (RIM) 4 corner model



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Konsekvenser for SSNN





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Takk for oppmerksomheten

www.kystverket.no

www.shiprep.no

