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National Coordinator BE - COMEX

DEMO VISURIS COMEX

DTLF-DINA WORKSHOP – 05/06/2020

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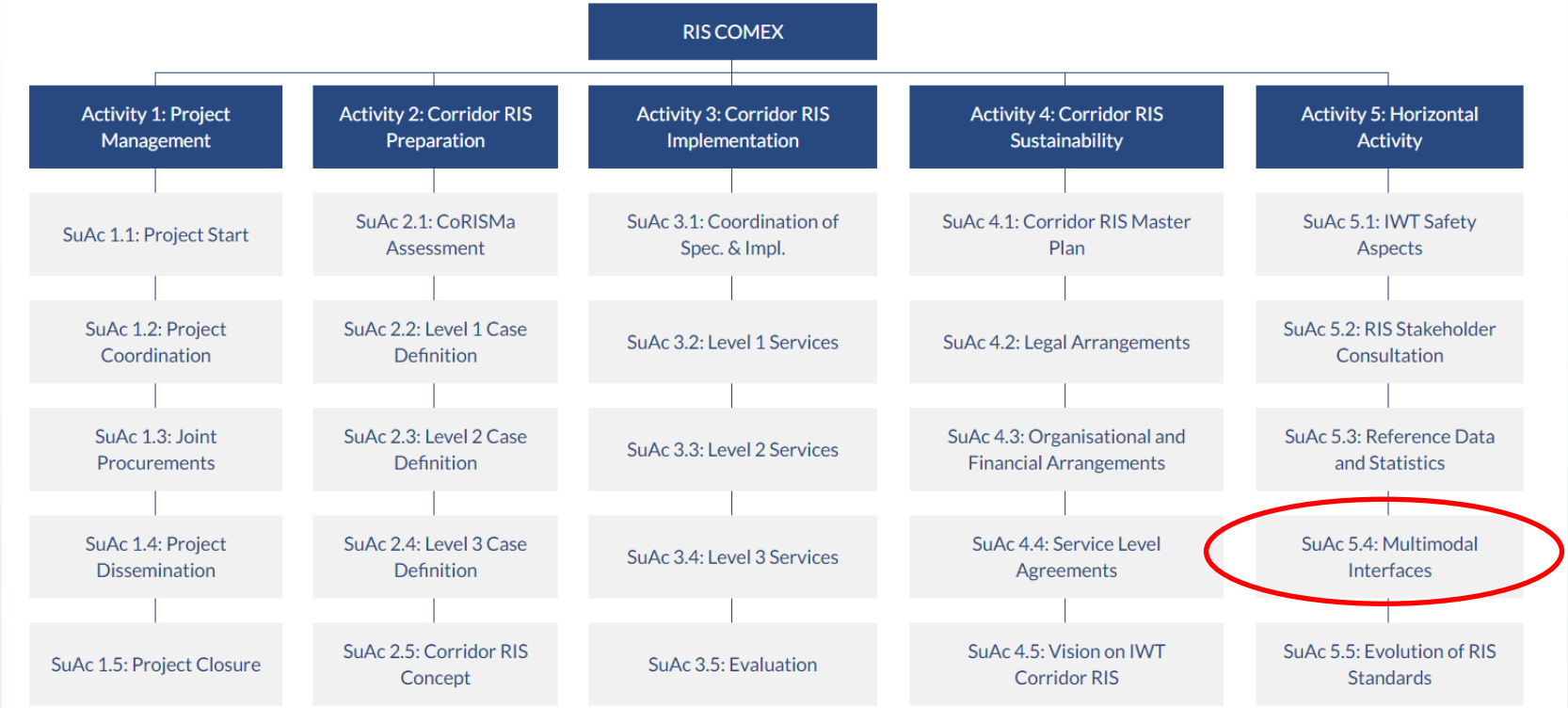
Introduction



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RIS COMEX as digital layer within synchromodality

- Synchromodal transport: as an advanced form of multimodal transport:
  - During transport, the mode may change depending on the actual capacity
  - **NOW**: choice of transport mainly dependent on time / price -> environmental impact less important
  - **FUTURE**: no specific preference for a particular mode, as long as it is efficient -> environmental impact becomes more & more important

- Physical Internet (PI): consists of two layers:
  - **Physical layer** (infrastructure): multimodal hubs, efficient automated transshipment, automating artworks (remote control, ...), new concepts of ships (green, small, autonomous, cargos x, y, z, ...): **diversification and reliability**

  - **Digital layer** (data): technical (communication) and operational services (FIS, TIS, TM, ITL, ...): **maximum transparency and reliability**

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Contributions of RIS COMEX

- Complete network and reference data coverage over 13 countries:
  - RIS-index, locks, bridges, operation times, water levels, …

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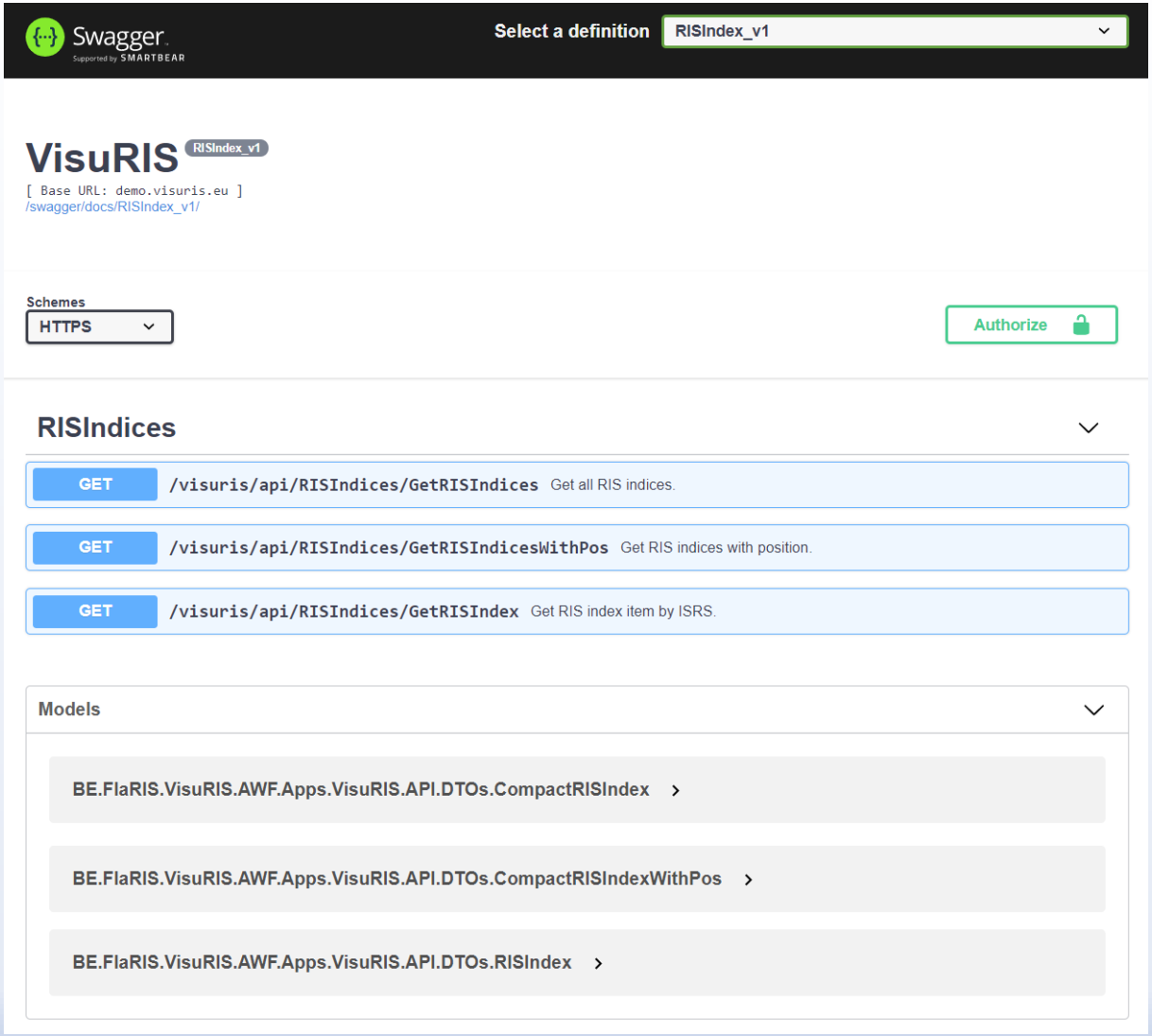
Contributions of RIS COMEX

- Webportal is completely build up by means of API's



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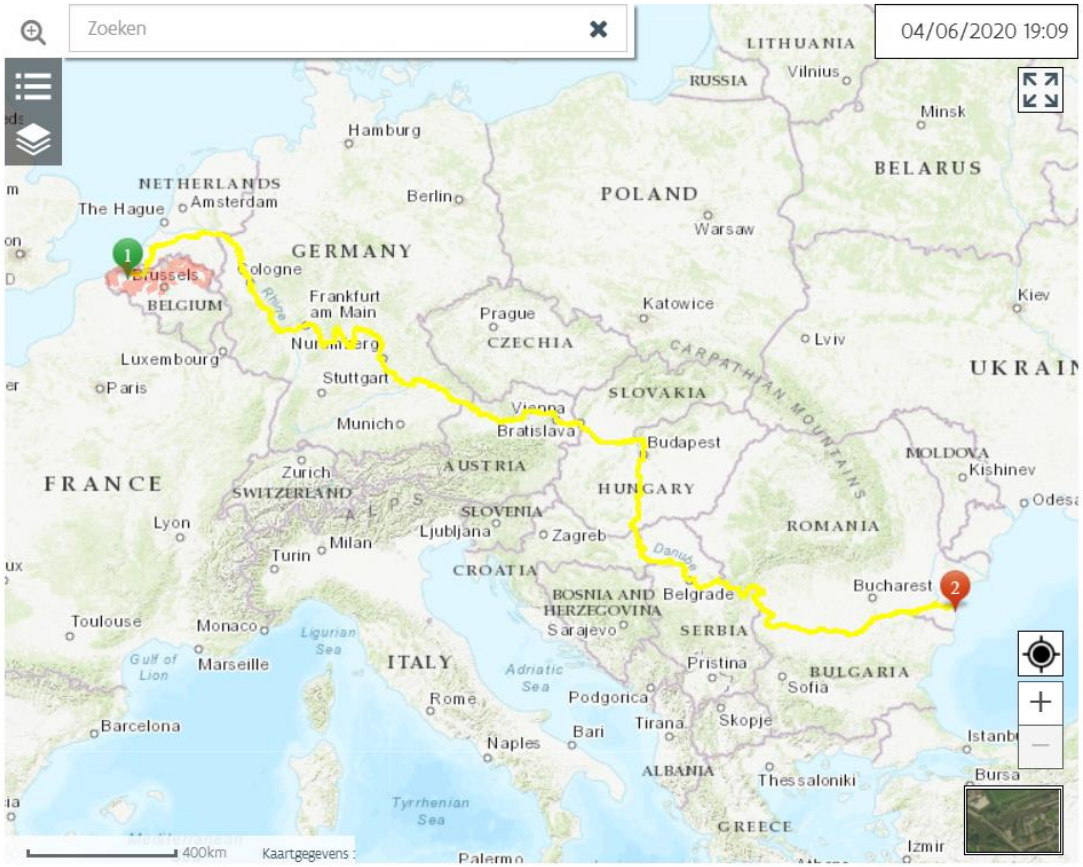
Contributions of RIS COMEX

- Network data allows route and voyage planning:

KAART



ROUTEPLANNER

Steenbruggebrug

Junction J0037 PAMN - Black Sea

+Voeg tussenstop toe

Bereken route | Meer opties

Aantal sluizen	72
Tijdsduur	342 u 12 min
Totale lengte	3.354,368 km
Tijafhankelijk	Nee
Laagste CEMT klasse	O

Toegelaten afmetingen

Diepte	2,50 m	Hoogte	4 m
Lengte	85 m	Breedte	9,50 m

Departure from Steenbruggebrug

Moerbruggebrug

Doorvaarthoogte (open)	7,11 m
Doorvaarthoogte (gesloten)	1,60 m
Breedte	10,20 m

Keersluis te Beernem

Aalterbrug

Doorvaarthoogte	7,50 m
Breedte	10,20 m

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Contributions of RIS COMEX

- Owners are in full control of their own data:
  - Overview who can see data
  - Invite people to follow
  - Receive and approve requests

My account / My vessels / Data sharing overview

OVERZICHT PERSONEN DIE JE VOLGEN

In onderstaande tabel wordt een overzicht van **gebruikers** getoond die **je schip volgen** en dus **inzage** hebben op je **schip- en reisgegevens**. Per gebruiker kan je via de privacy klasse aangeven hoeveel informatie de gebruiker mag zien.

Wanneer een gebruiker **aangeeft** om **je schip te volgen**, dan wordt de aanvraag hieronder getoond. Van hier uit kan je de aanvraag goedkeuren of afkeuren.

Je kan gebruikers **uitnodigen** om je te volgen.

SCHIP: BLAUWE REIGER

Voornaam	Naam	Email	Telefoonnummer	GSM Nummer	Type Inzage	Privacy Klasse
Jan	Gilissen	jan.gilissen@vlaams...	011 27 99 00	0478 62 19 35	Ongelimiteerd	9
Piet	Creemers	Piet.Creemers@vlaa...		+32477560585	Ongelimiteerd	9

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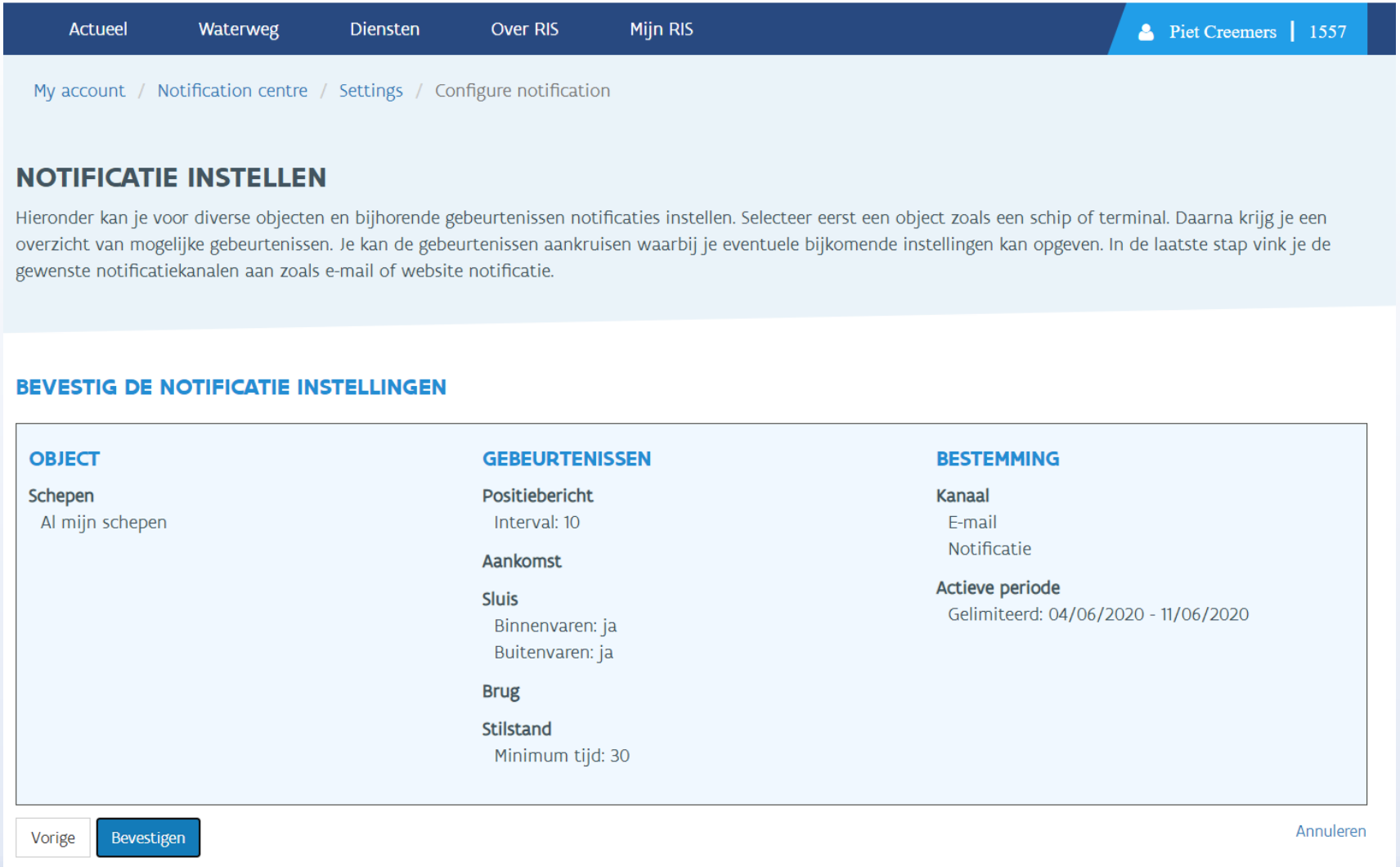
Contributions of RIS COMEX

- Notfications (event based): internal and to external systems (via webhook)



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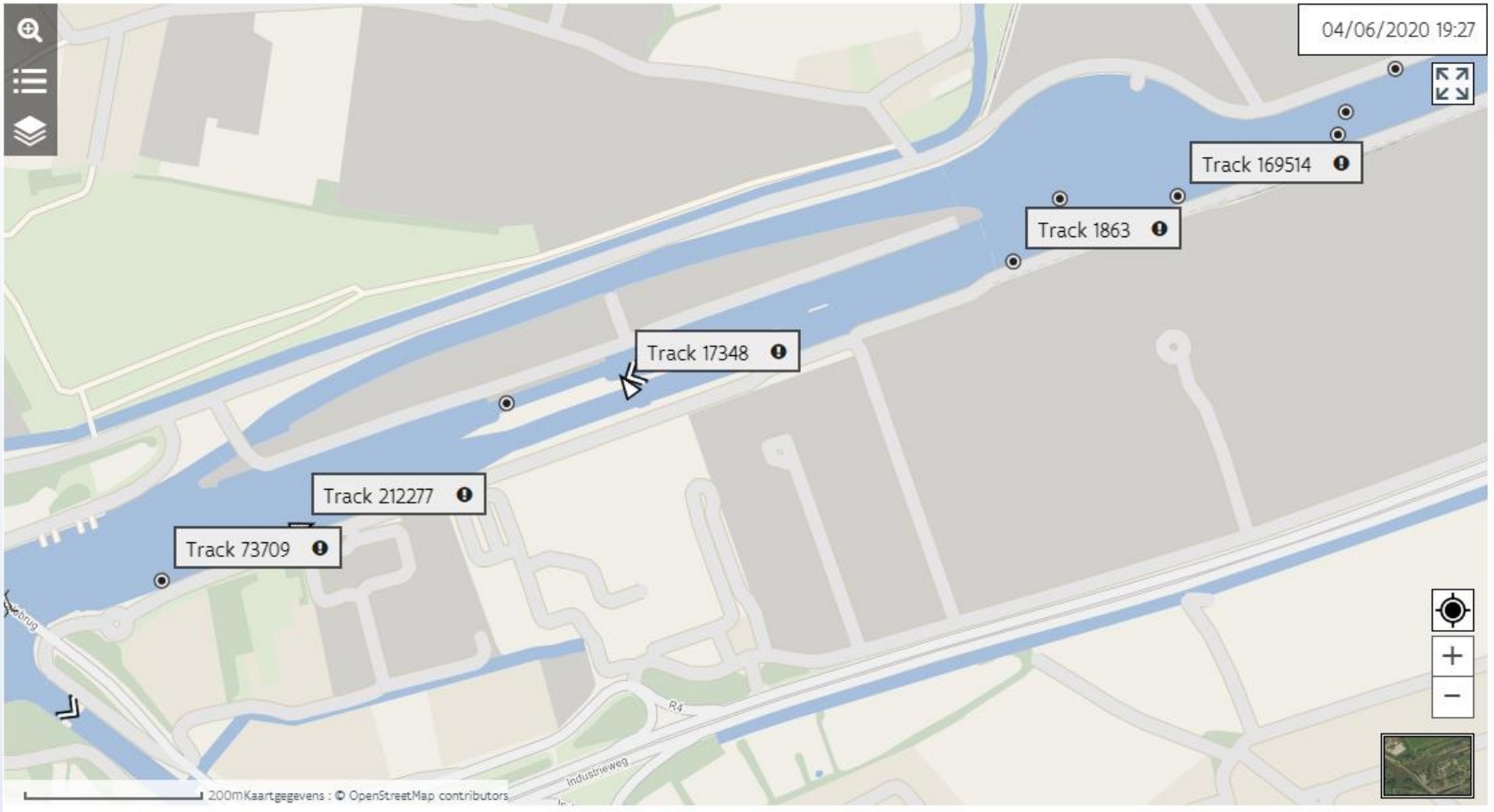
Contributions of RIS COMEX

- Default value is anonymous:



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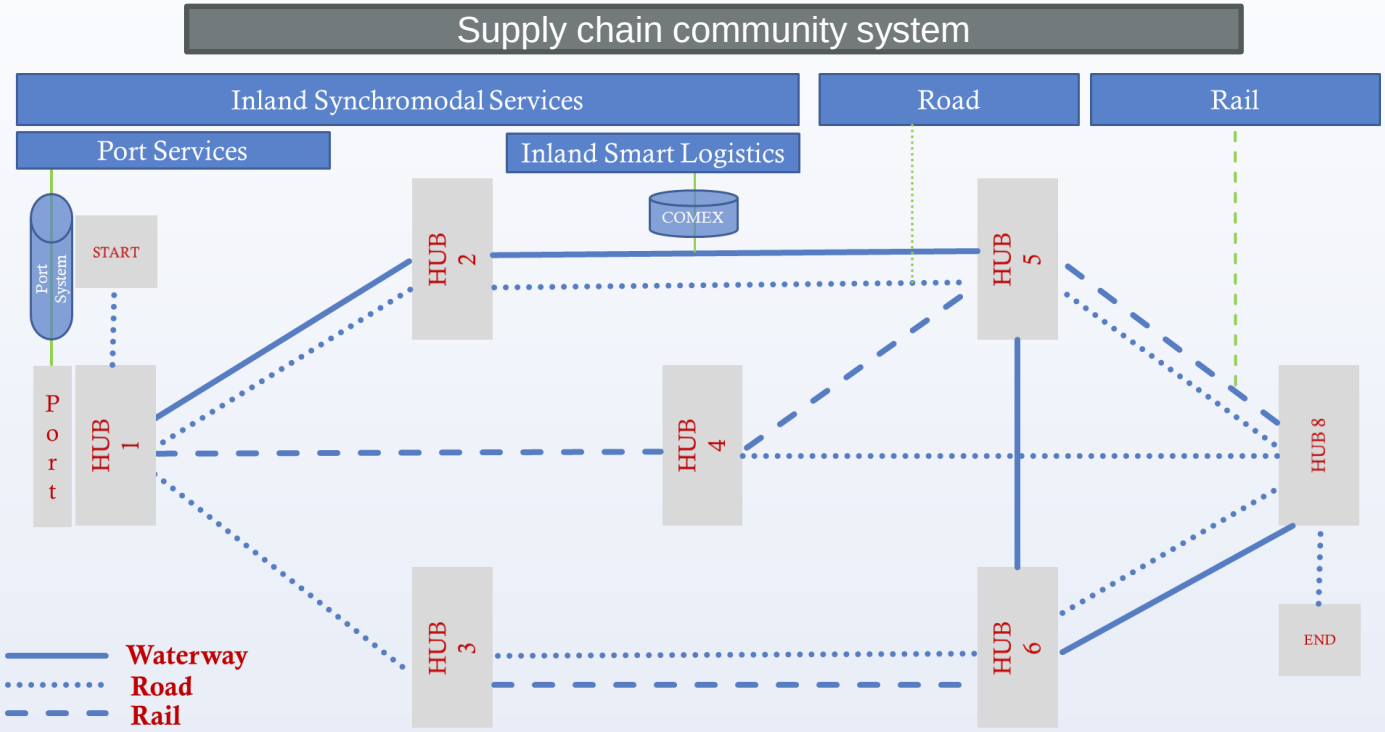
Schematic high level overview



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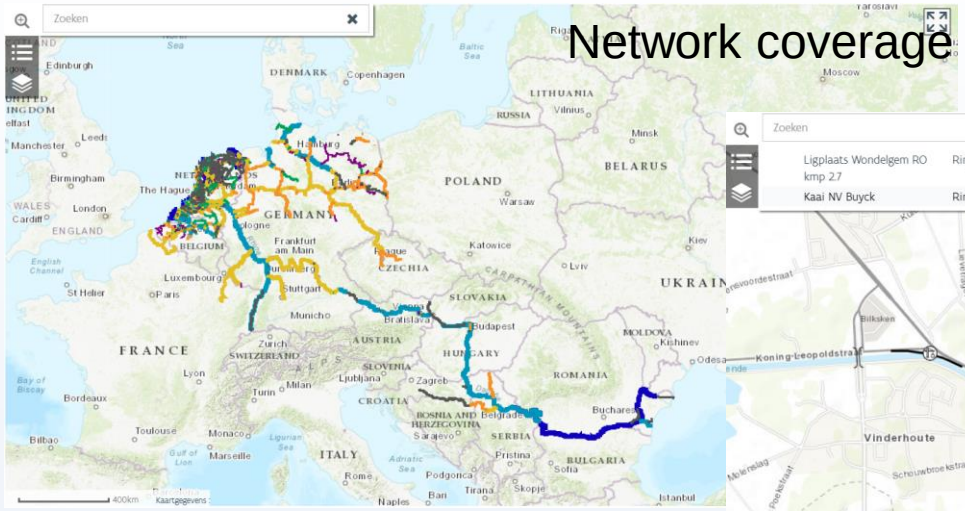
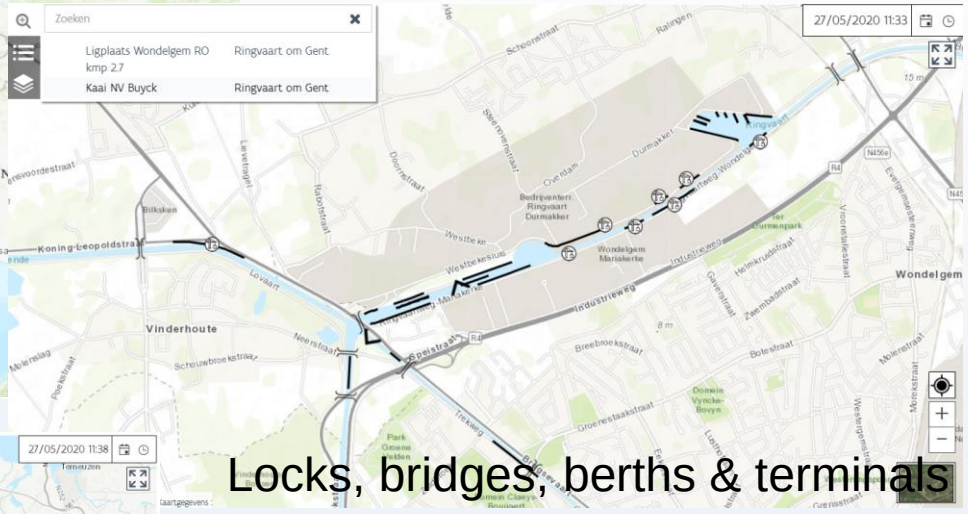
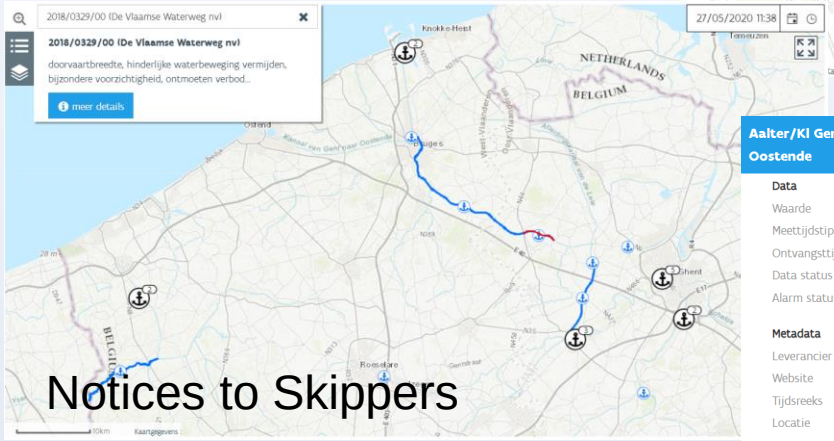
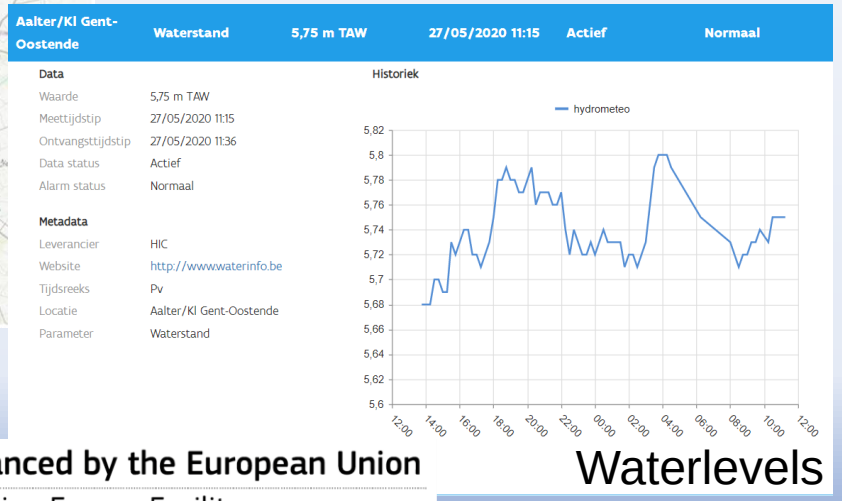
Current status: Level 1









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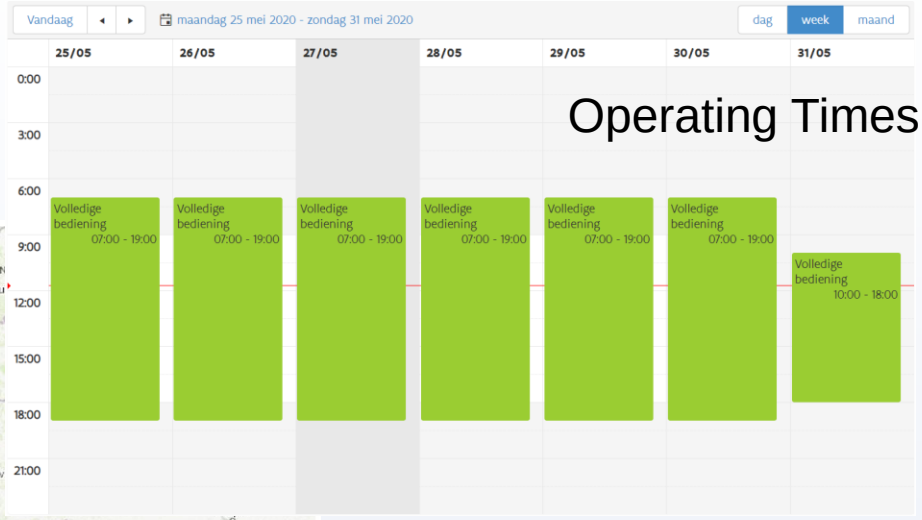
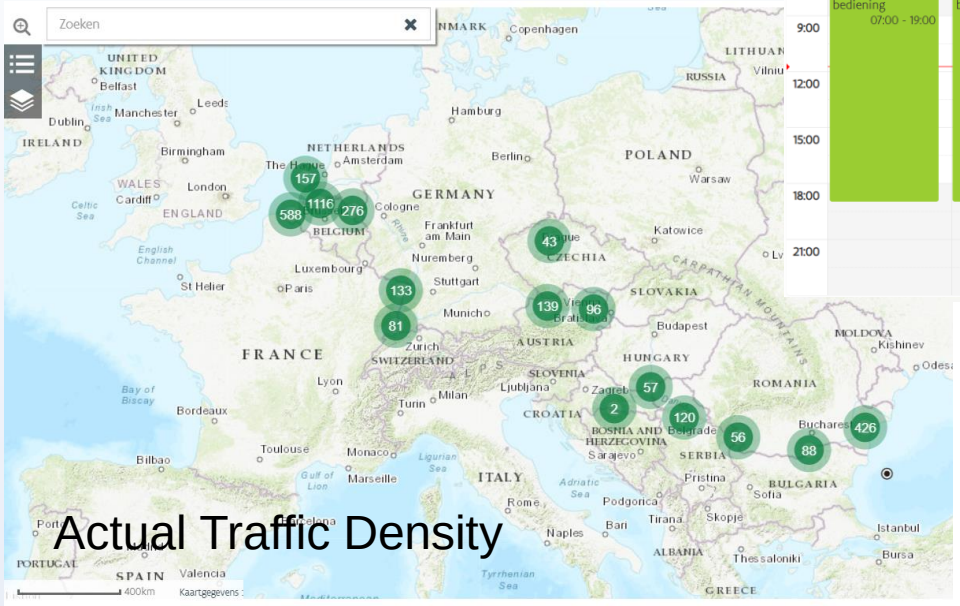
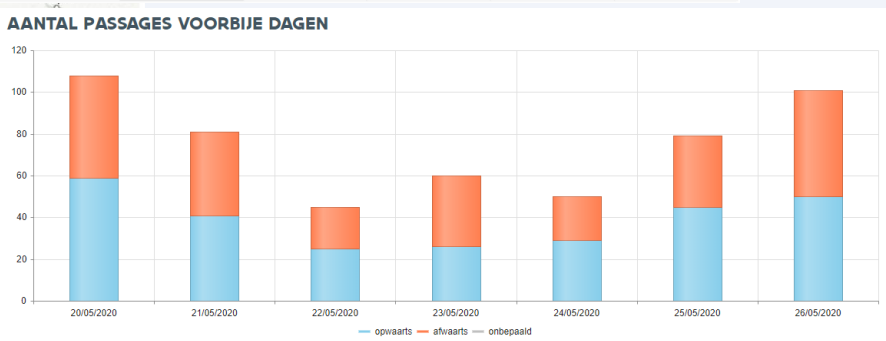
Current status: Level 2

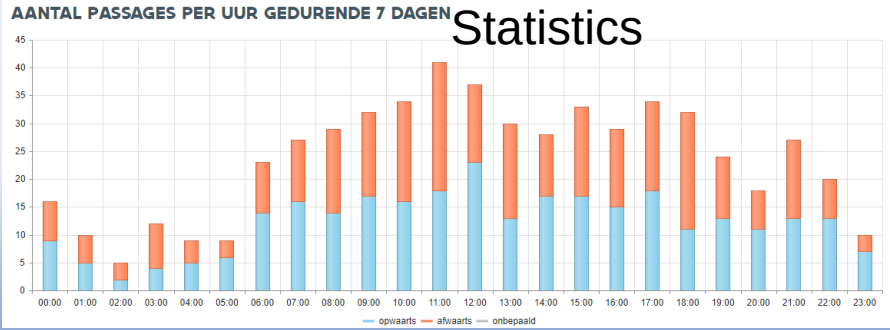


Operating Times



Actual Traffic Density





Statistics

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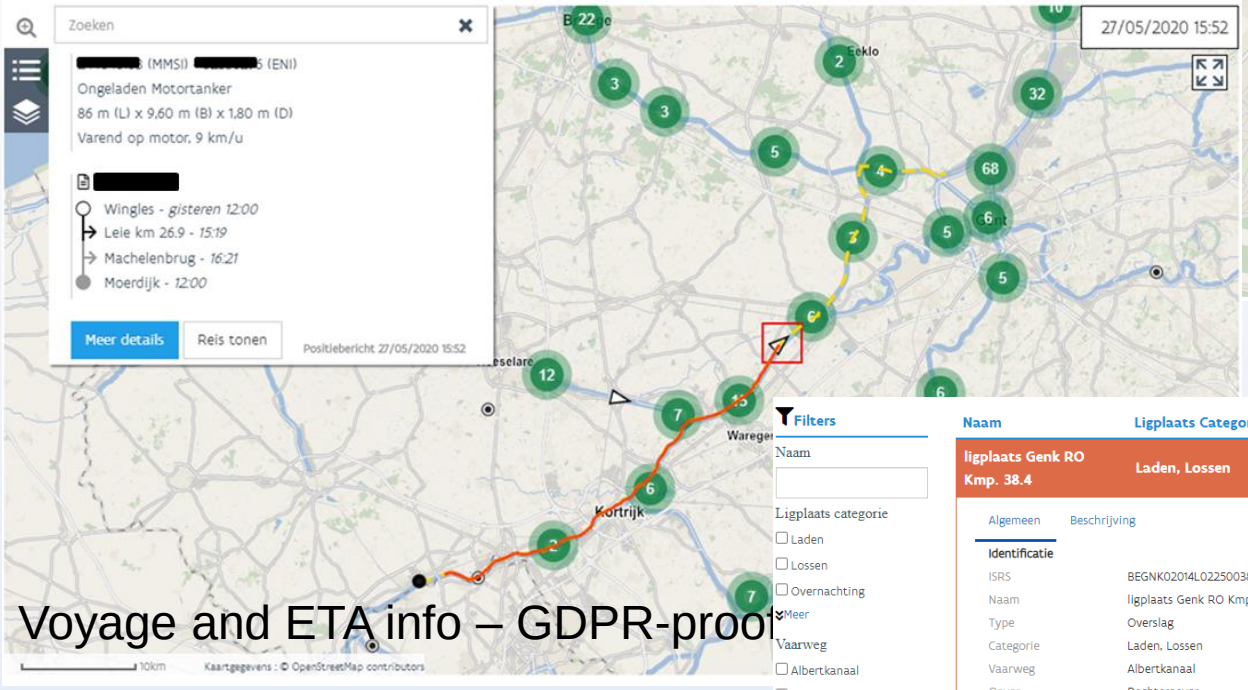
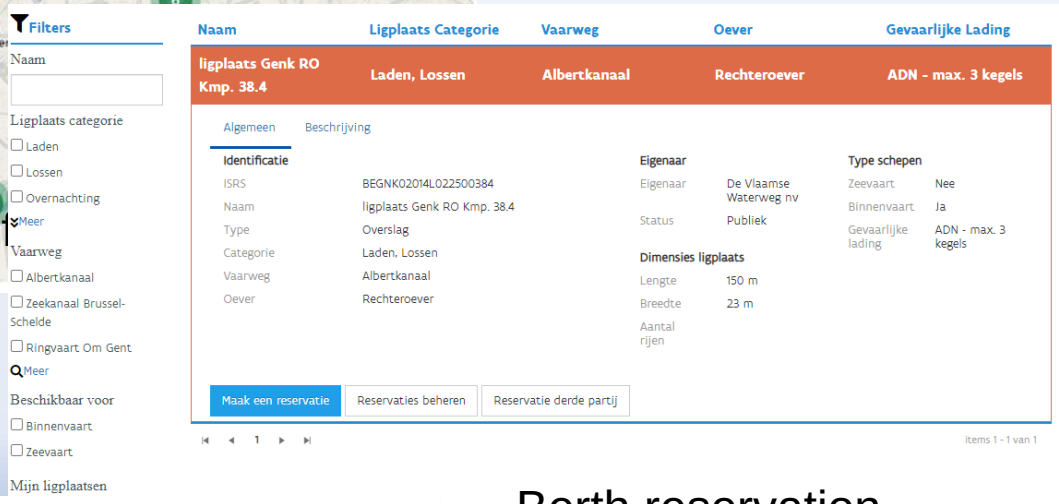
Current status: Level 3

Position & details of own vessel



Voyage and ETA info – GDPR-proof



Berth reservation

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