Afternoon agenda

- 1330-1430 Inspirational speakers
- **1430-1530 How RTF works**
- 1530-1630 Coffee
- 1630-1700 Hackathon – the Launch
- 1700-1730 Summary
- 1800- Dinner

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PANEL: How Real Time Ferries works

Denise Barthel, VBB

Rostock, 18th September 2019

Cross-linking of the Baltic Sea Region

Real Time Ferries

Ferrys

Public Transport

RTF Platform

Private transport

Logistics

for the use cases, lines and regions involved in the project

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Cross-linking of the Baltic Sea Region

examples of use

14:05 +0 Main Station

BUS City Bus Line 45

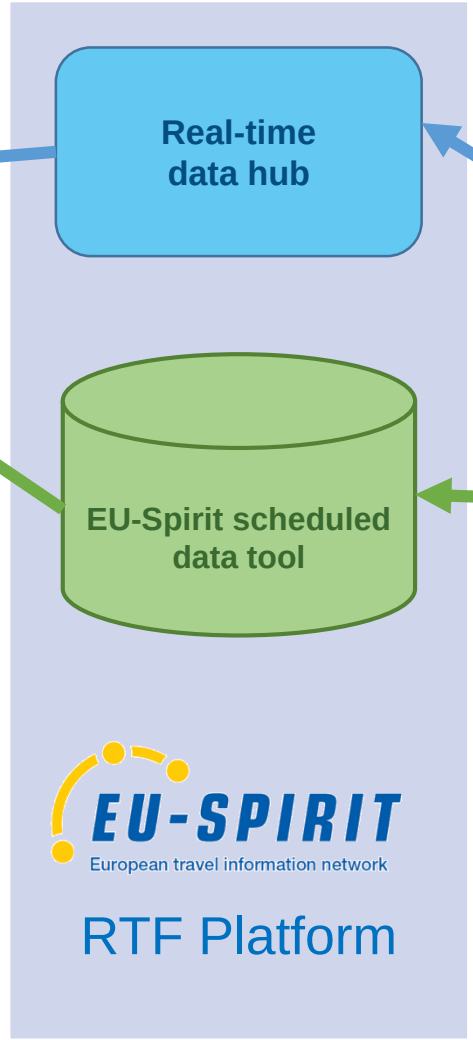
14:20 +0 Port 1

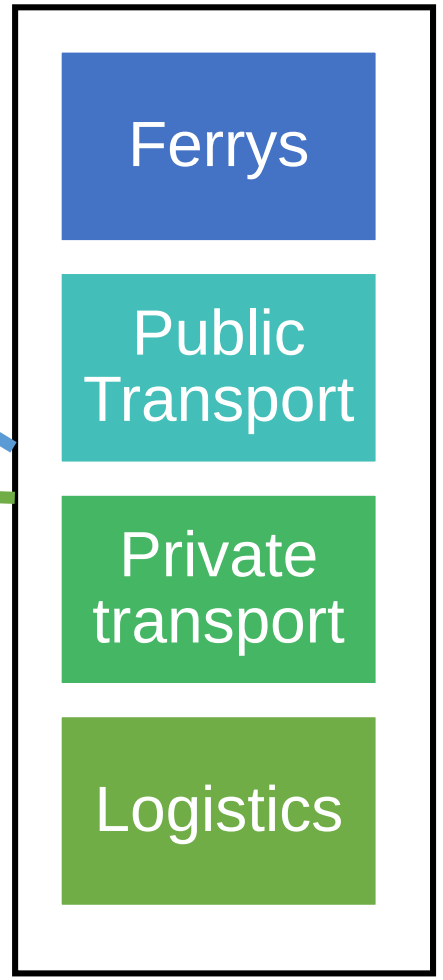
Walking 5 Minutes
Check-In 20 Minutes

14:55 +5 Port 1

Viking Line „Sunset“

16:15 +5 Port 2





for the use cases, lines and regions involved in the project

Cross-linking of the Baltic Sea Region

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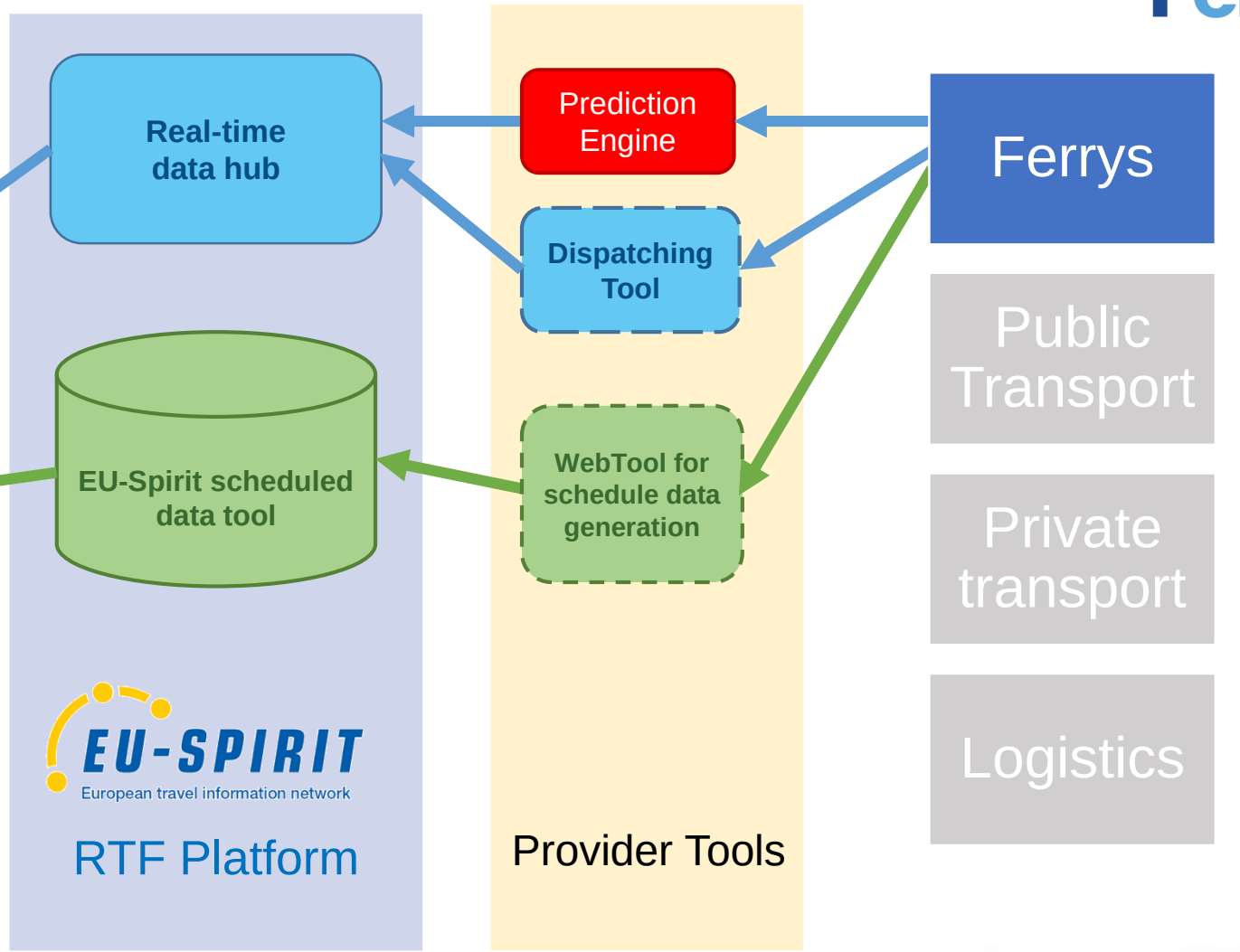
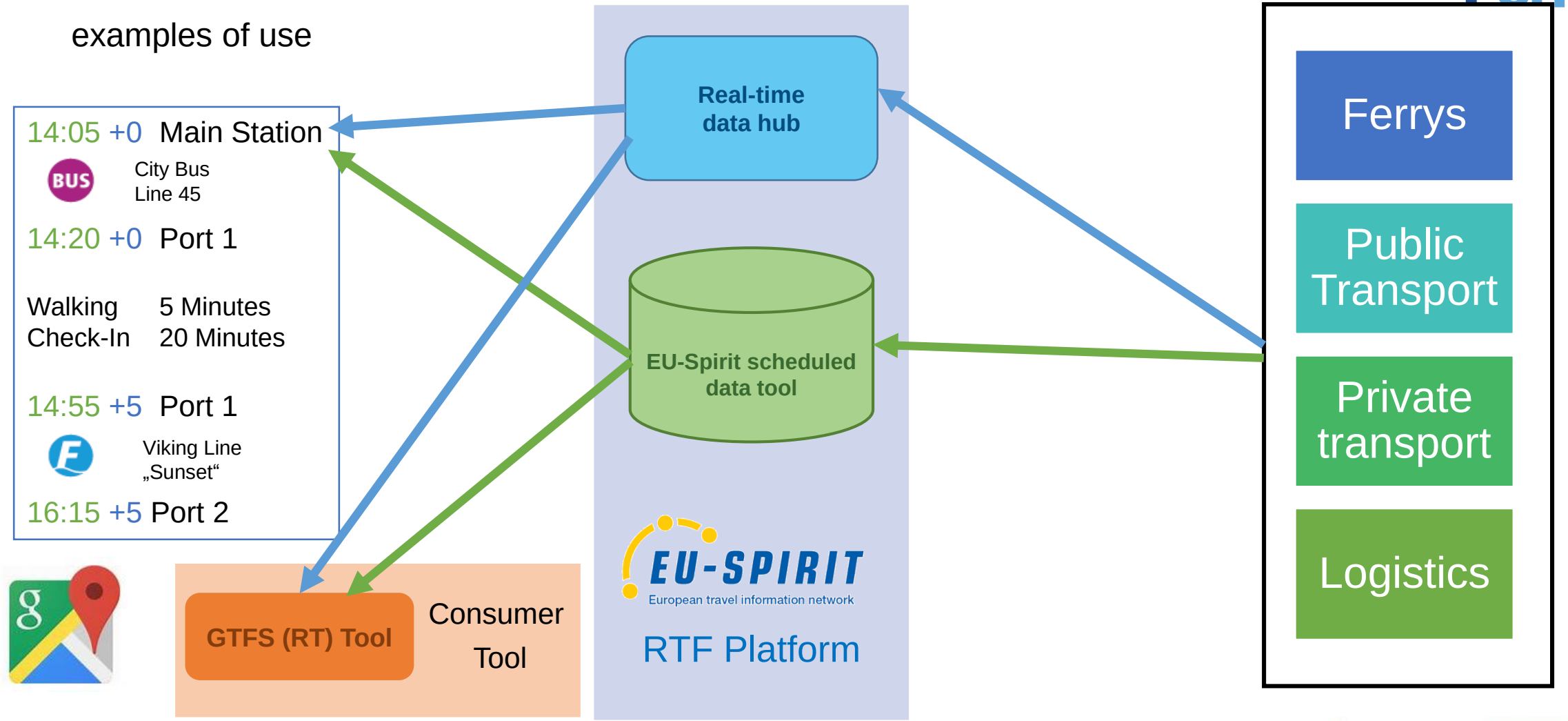


for the use cases, lines and regions involved in the project

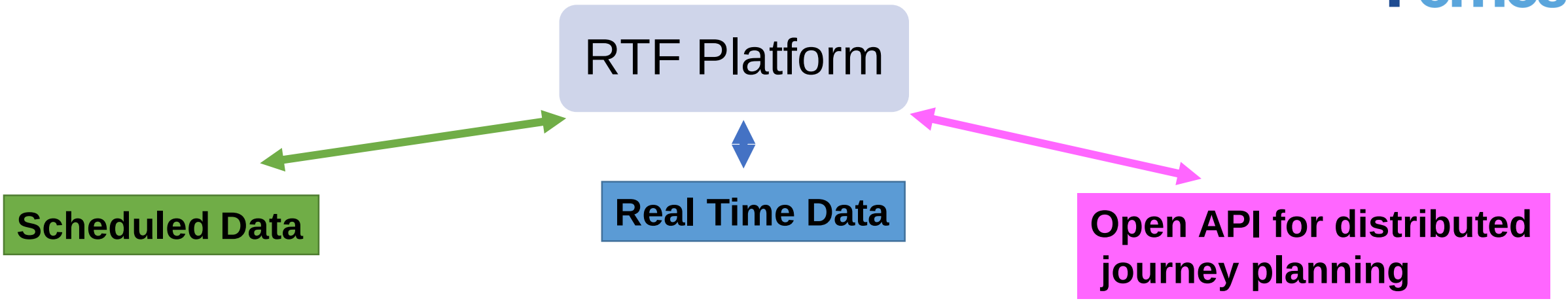
– – – – if required

Cross-linking of the Baltic Sea Region



for the use cases, lines and regions involved in the project

Formats: Platform and supporting Tools



NeTEx NetworkTimetableExchange	**SIRI** Service Interface for Real time Information	**OJP** Open API for distributed journey planning
Dataset	Datastream	Service
PULL Data	PUSH Data	On Request

European COMMISSION
DELEGATED REGULATION 2017/1926

supplementing Directive 2010/40 with regard to the provision of EU-wide multimodal travel information services

Applies to the entire transport network of the European Union

- to ensure that **EU-wide multimodal travel information** services are accurate and available across borders
- so set up **national access points**
- using **defined data formats**
- Static data obligatory, dynamic data voluntary

Next Steps:

- Publication of the invitation to tender
- Development→ Connecting the systems →Different technical tests
- System going live! → September 2020
- Creating an operator and cost model

Do you have questions?

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Real Time Ferries

Just-in-time pickup of unaccompanied trailers in the port area

Mikael Simonsson, IT Manager, Port of Trelleborg

Port of Trelleborg

Real Time Ferries

Seamless integration between transport type

- Terminal
- Ferry
- Haulier
- Public Transport

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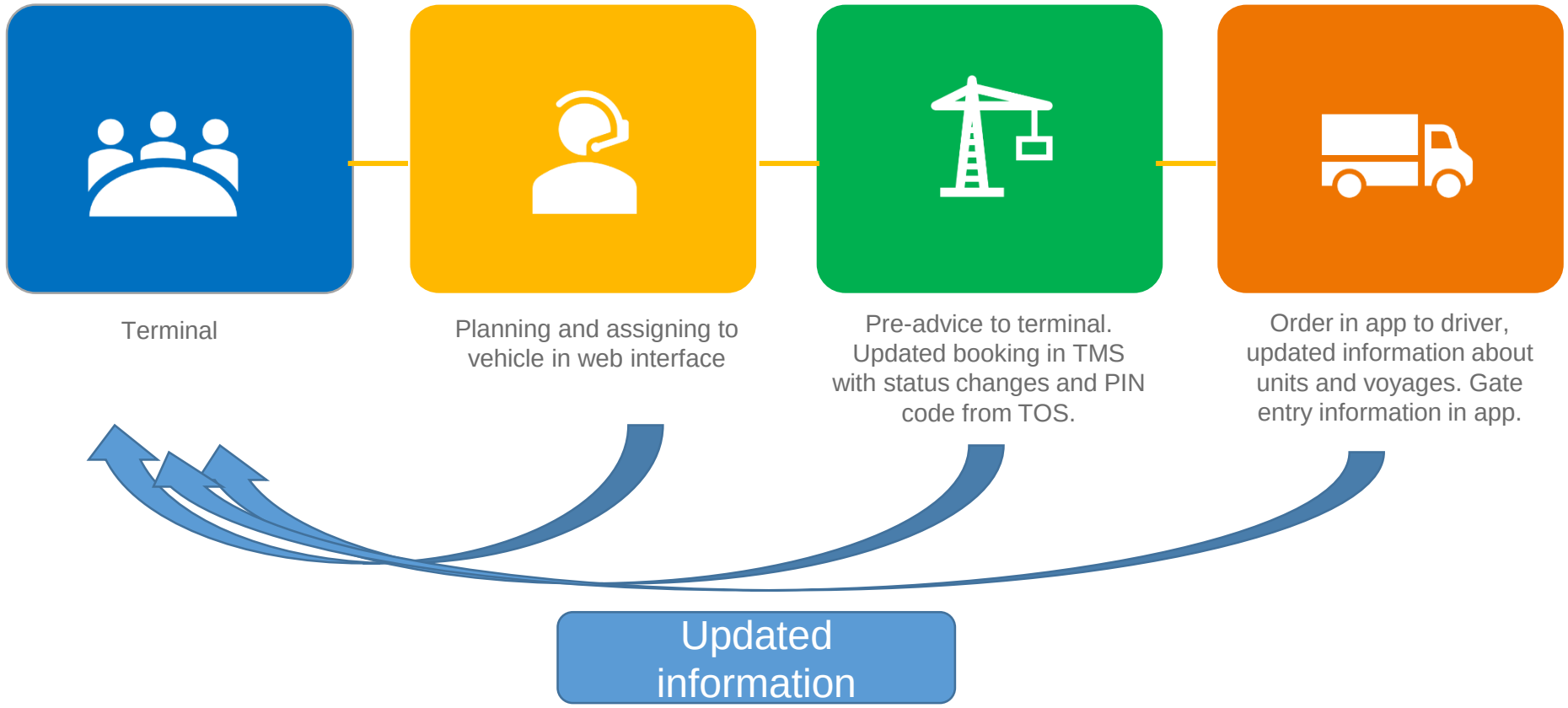
”Just in time” real time information through the transport chain.

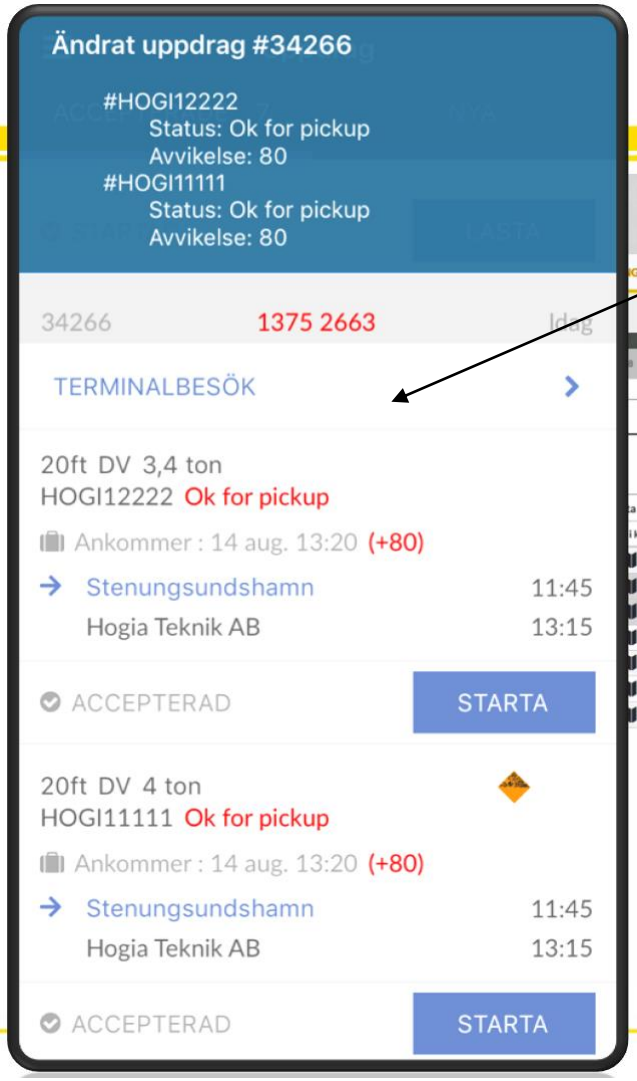


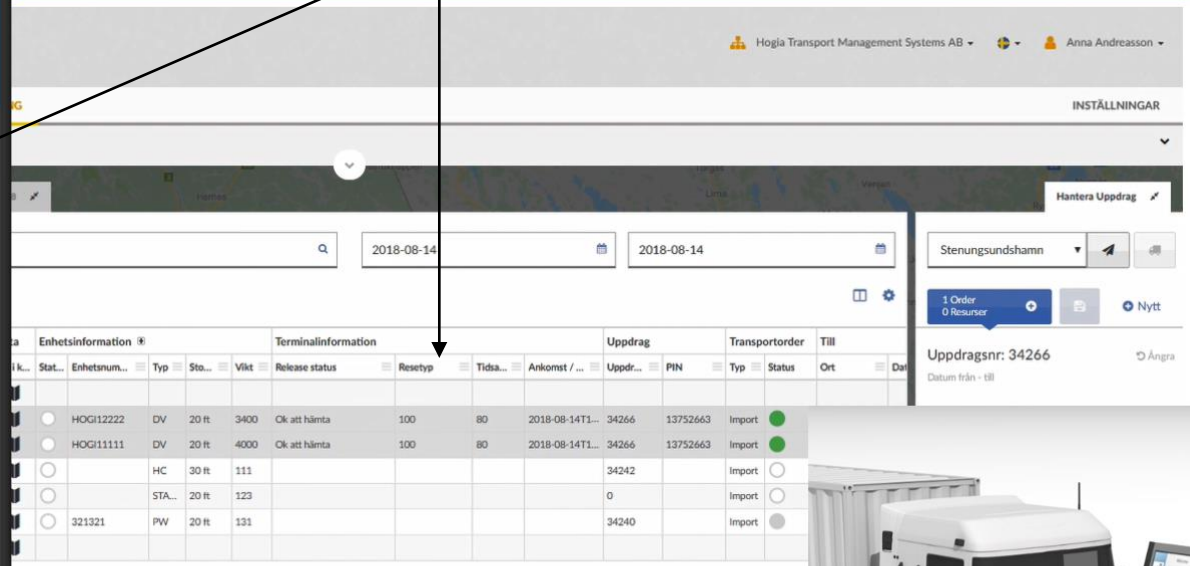
Port of Trelleborg

Real Time Ferries

Ready for pickup

PICKUP





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Port of Trelleborg

Real Time Ferries

Realtime data

RTF Platform

Realtime traffic information

Terminal TOS

Realtime traffic information

Realtime traffic information
Driver and truckinformation

Terminal webb

Driver and truckinformation

Haulier

Realtime traffic information about ETA/ATA/location in port

Driver app in phone

QR code

Gate In

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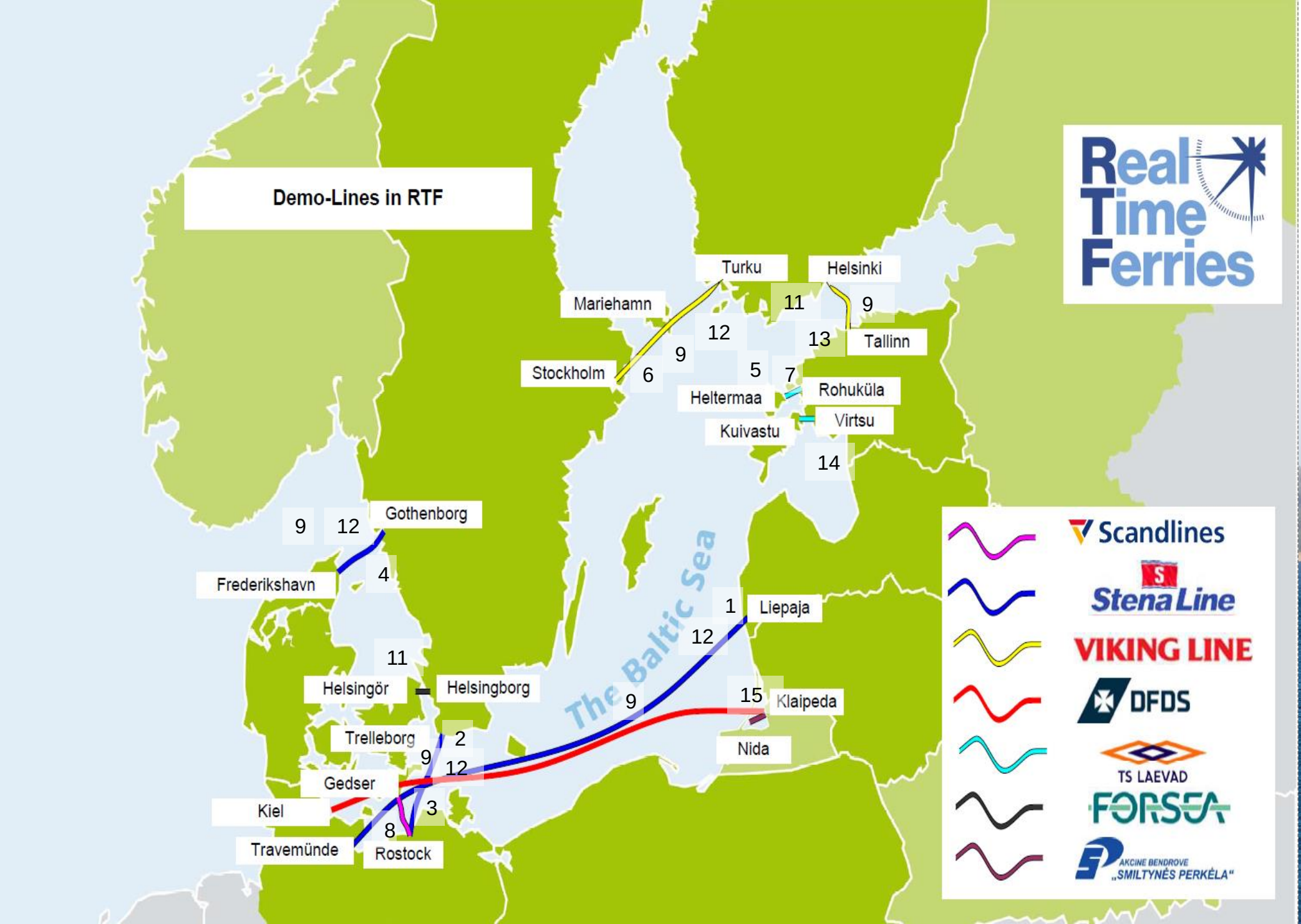
Demo-lines & Use Cases


Demo-Lines in RTF
Turku
Helsinki
Mariehamn
11
9
12
13
Tallinn
Stockholm
9
6
5
7
Rohuküla
Heltermaa
Virtsu
Kuivastu
14
Gothenborg
9
12
Frederikshavn
4
1
Liepaja
12
11
Helsingör
Helsingborg
The Baltic Sea
9
15
Klaipeda
Nida
Trelleborg
2
9
12
Gedser
Kiel
3
8
Travemünde
Rostock
Scandlines
Stena Line
VIKING LINE
DFDS
TS LAEVAD
FORSEA
AKCINE BENDROVE „SMILTYNĖS PERKĖLA“

Methodology for the Demo-lines and Use Cases

A Use Case is analysed from different perspectives:

- Problem description (“as-is”)
- Target group description

And there will be a:

- Proposed solution (“to-be”)

That will be:

- Implemented and tested

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Use Case #11

Transfer facilitation for cross-border foot commuters & business travellers: Connector/ integration into existing journey planners, info screens at change points & on board of ferries

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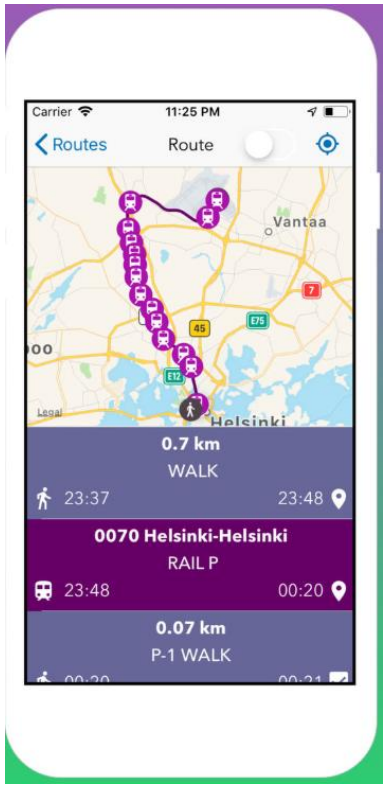
In Apps, on screens on-board and in terminals, information will be available



Examples

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Data Provider Tools

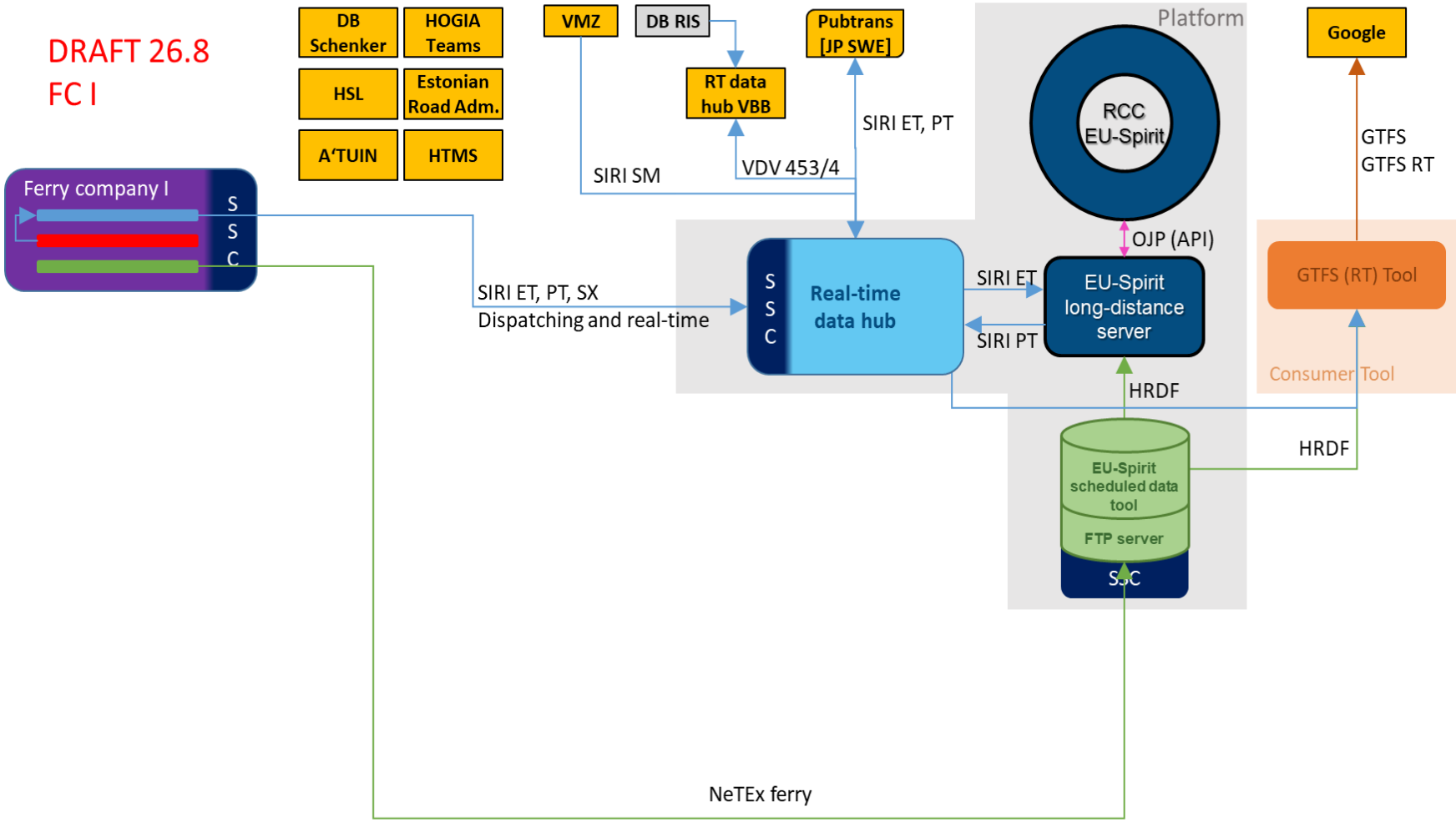
Jouni Lindberg Swedish Maritime Administration

Platform type I

SJÖFARTSVERKET

Real Time Ferries

DRAFT 26.8
FC I



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Platform type II

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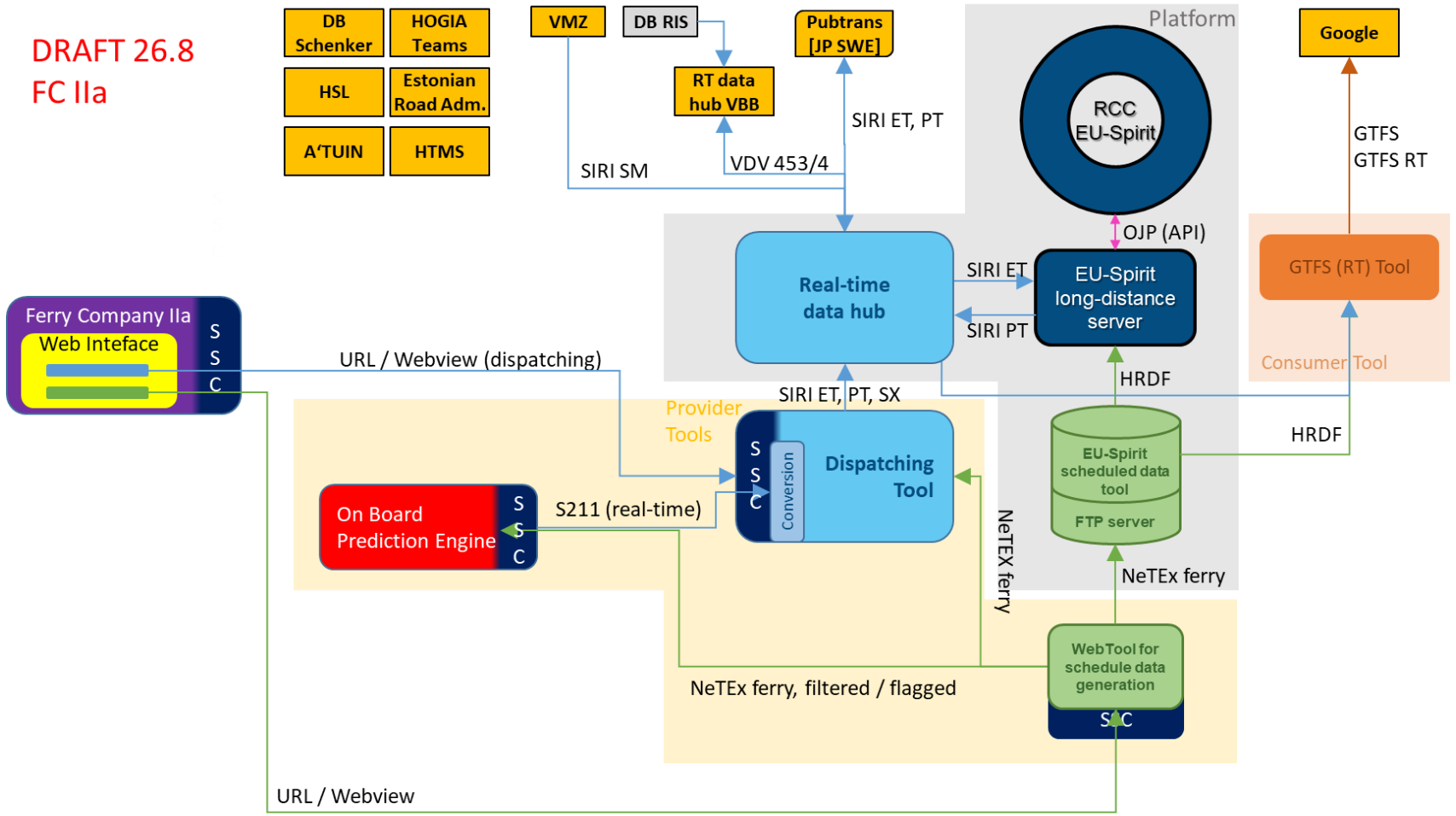
FC IIa



Ferry Company Type II uses **On Board** Prediction Engine

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Platform type III

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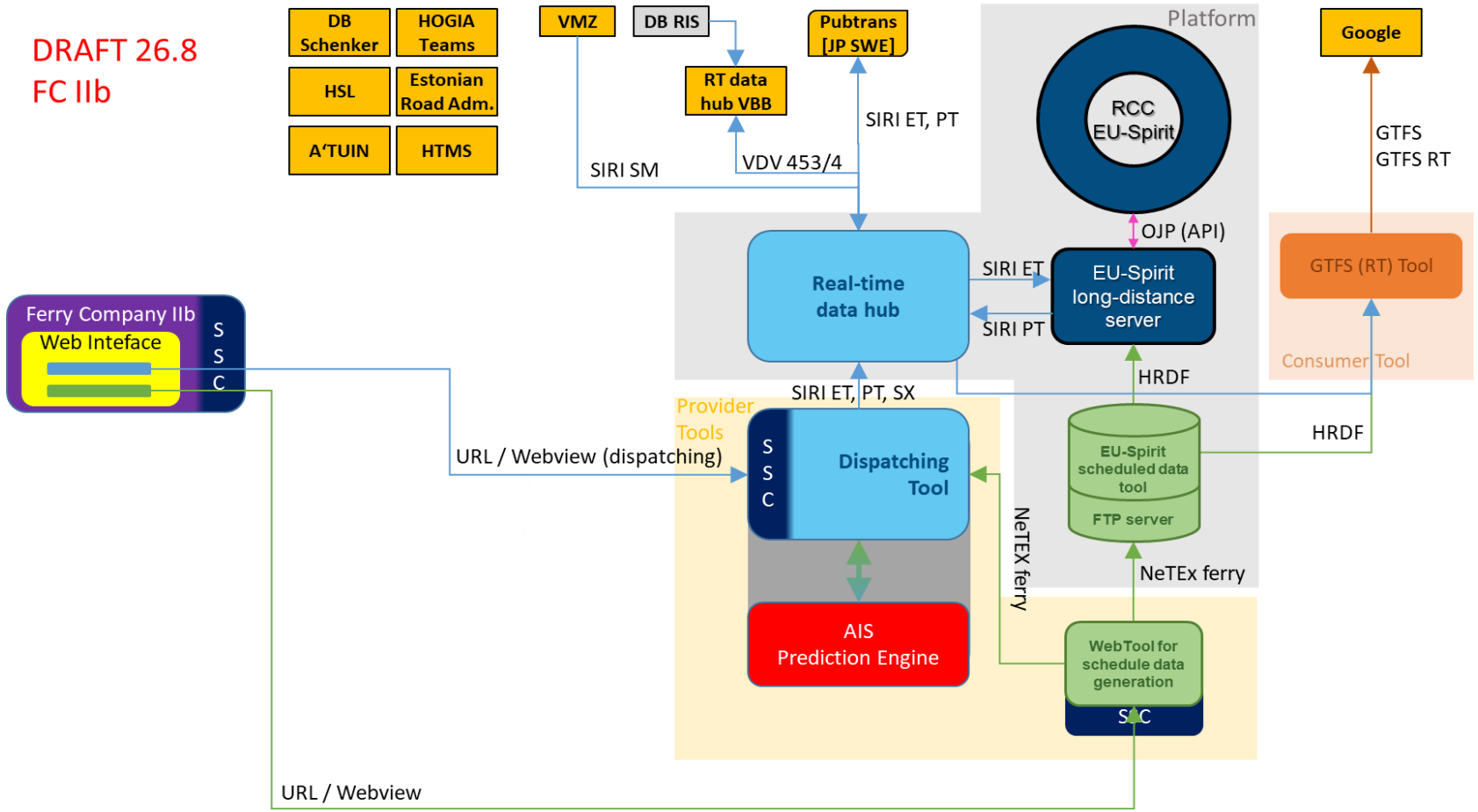
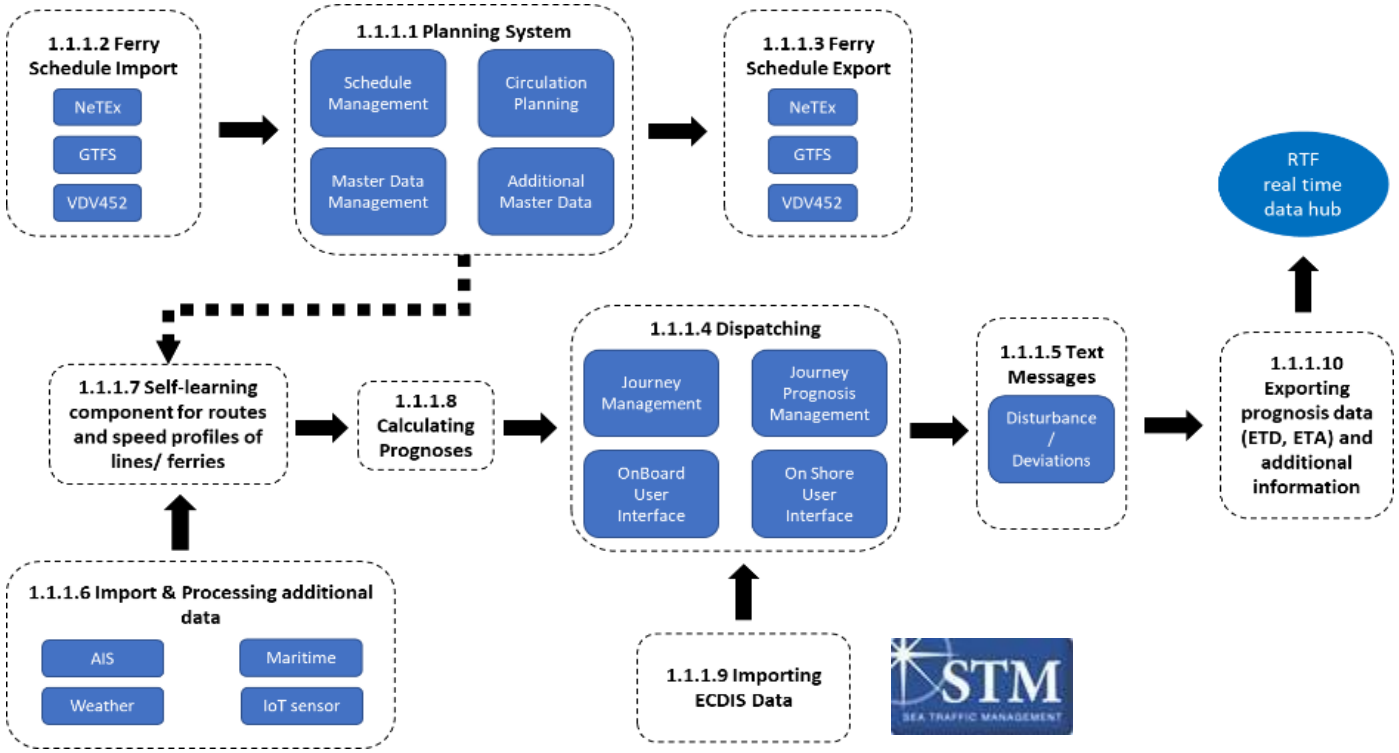
FC IIb



Ferry Company Type II uses **AIS** Prediction Engine

Toolset overview



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Thank you!

It’s time to get visible!

Real Time Ferries – *sharing real time departure and arrival times for ferries in the Baltic Sea Region to facilitate passenger and goods transport*

www.realtimeferries.eu