



# PEPPOL LOGISTICS

Presentasjon for Nettverksgruppen Internasjonal Handelsforenkling i Norstella

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# CONTENT

**PURPOSE:** This document has been created by Offshore Norge. The purpose of the document is to explain what Peppol is, what Peppol Logistics is, and what challenges Peppol logistics is meant to solve.

WHAT IS **PEPPOL**?

**PEPPOL** TODAY

**PEPPOL** LOGISTICS INTRODUCTION

**PEPPOL LOGISTICS** FORMATS / MESSAGES

# WHAT IS PEPPOL?

Peppol is a set of artifacts and specifications enabling cross-border electronic procurement (e Procurement). The use of Peppol is governed by a multi-lateral agreement structure which is owned and maintained by OpenPeppol, which is a non-profit international association.

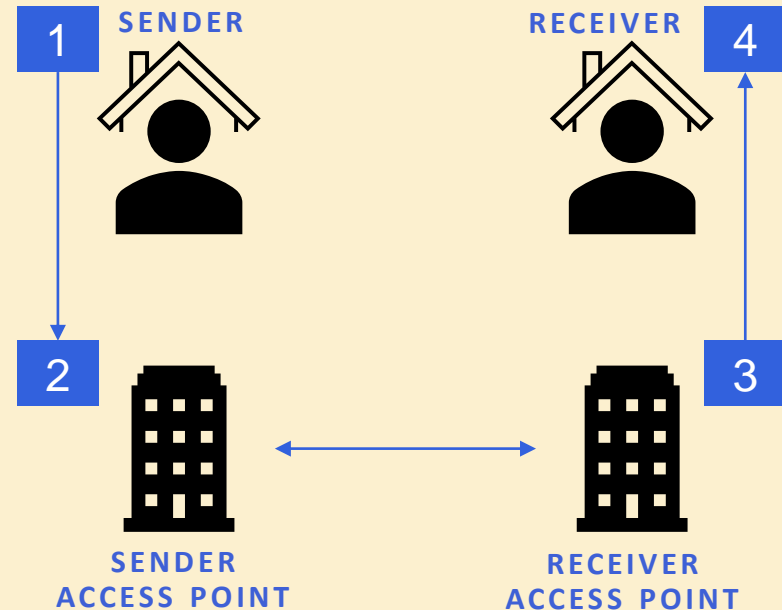
Peppol is not an e-Procurement platform but instead provides a set of technical specifications that can be implemented in existing eProcurement solutions and eBusiness exchange services to make them interoperable between disparate systems across Europe.

Peppol is based on three major pillars:

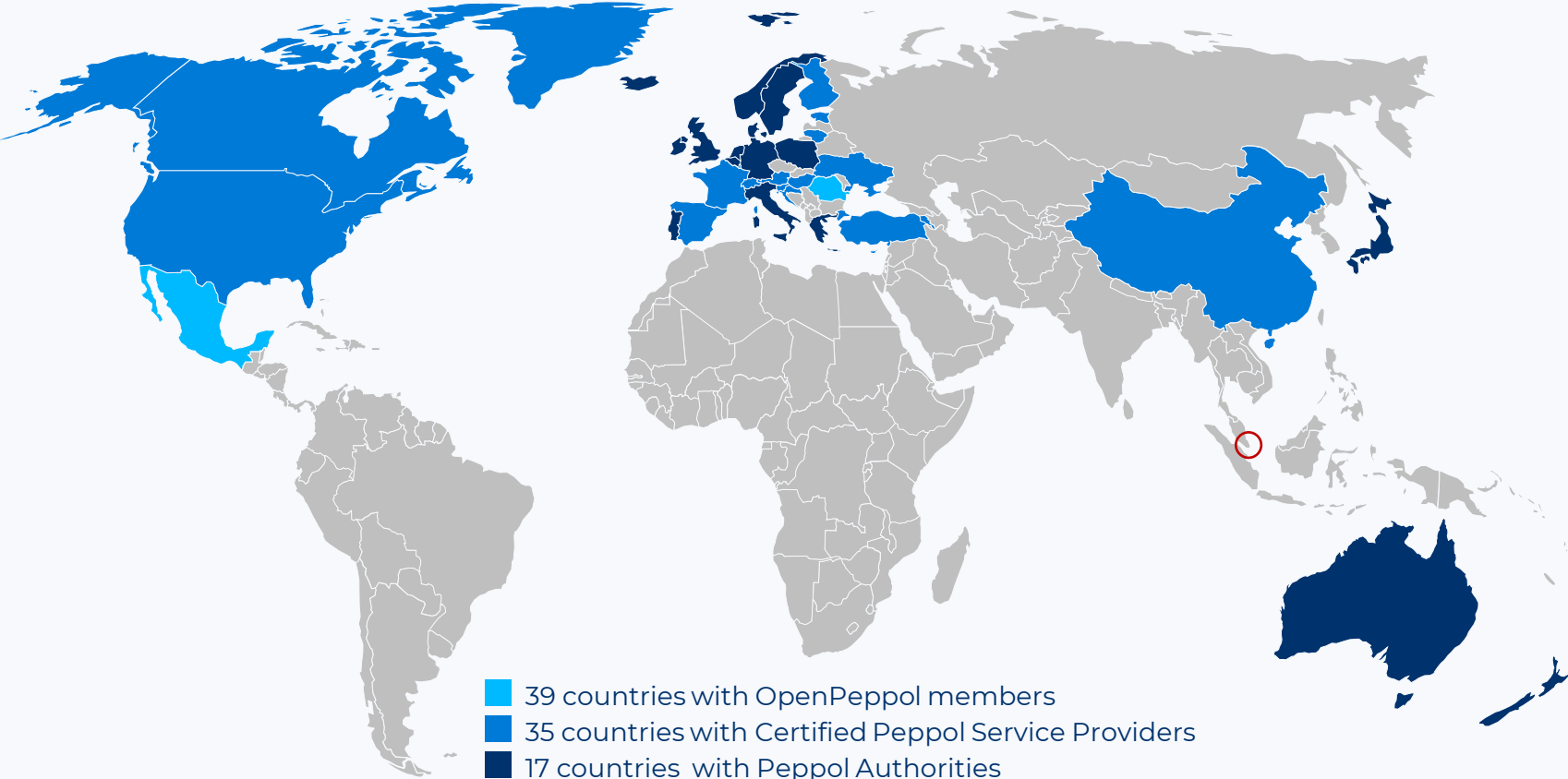
- 1 THE NETWORK
- 2 THE FORMAT SPECIFICATIONS
- 3 THE LEGAL FRAMEWORK THAT DEFINES THE NETWORK GOVERNANCE



The four corner model is a key element in the Peppol Network.

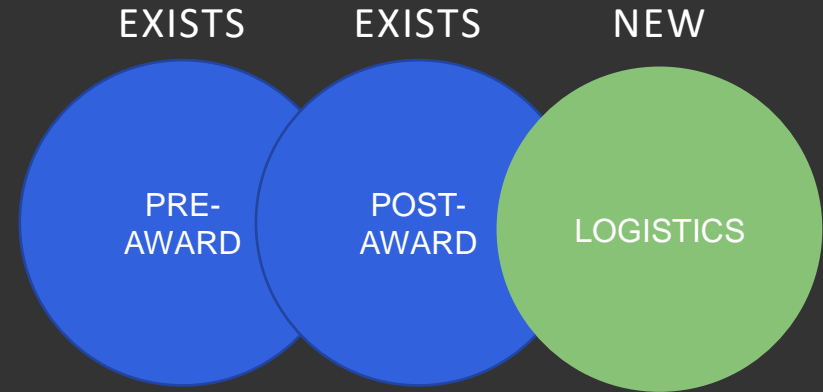


# WORLD MAP OF OPENPEPPOL MEMBERSHIP



# PEPPOL SCOPE

- There currently exist two service domains within Peppol: PRE-AWARD and POST-AWARD.
- The **PRE-AWARD** domain covers formats/messages typically related to events before and up until contract agreement, for example tenders (thereby “PRE”).
- The **POST-AWARD** domain covers formats/messages typically related to events after contract agreement (thereby “POST”). The most broadly known and used format in Norway is currently related to eInvoicing.
- The **LOGISTICS** domain is what Offshore Norge is working to establish. Formal approval for the new domain was given on November 30<sup>th</sup>, 2022. More on this on the following pages.



# PEPPOL

## WHY PEPPOL?

- 1 CONNECT TO *ALL* THROUGH *ONE* ACCESS POINT
  - FREE TO CHOOSE ANY ACCESS POINT IN ANY COUNTRY
  - NO ROAMING FEES BETWEEN ACCESS POINTS
  - NO LOCK IN SITUATION

- 2 EXISTING NETWORK WITH PROVEN RECORD (eInvoicing) – IT WORKS!
  - ALREADY INTEGRATED IN ERP SYSTEMS (eInvoicing)

- 3 GOVERNMENT AS AUTHORITIES ACROSS NATIONS AND REGIONS
  - LONG LASTING HISTORY, LEGAL FRAMEWORK FOR



Video that focuses on the initial challenges that Peppol was meant to solve.

WHY PEPPOL?



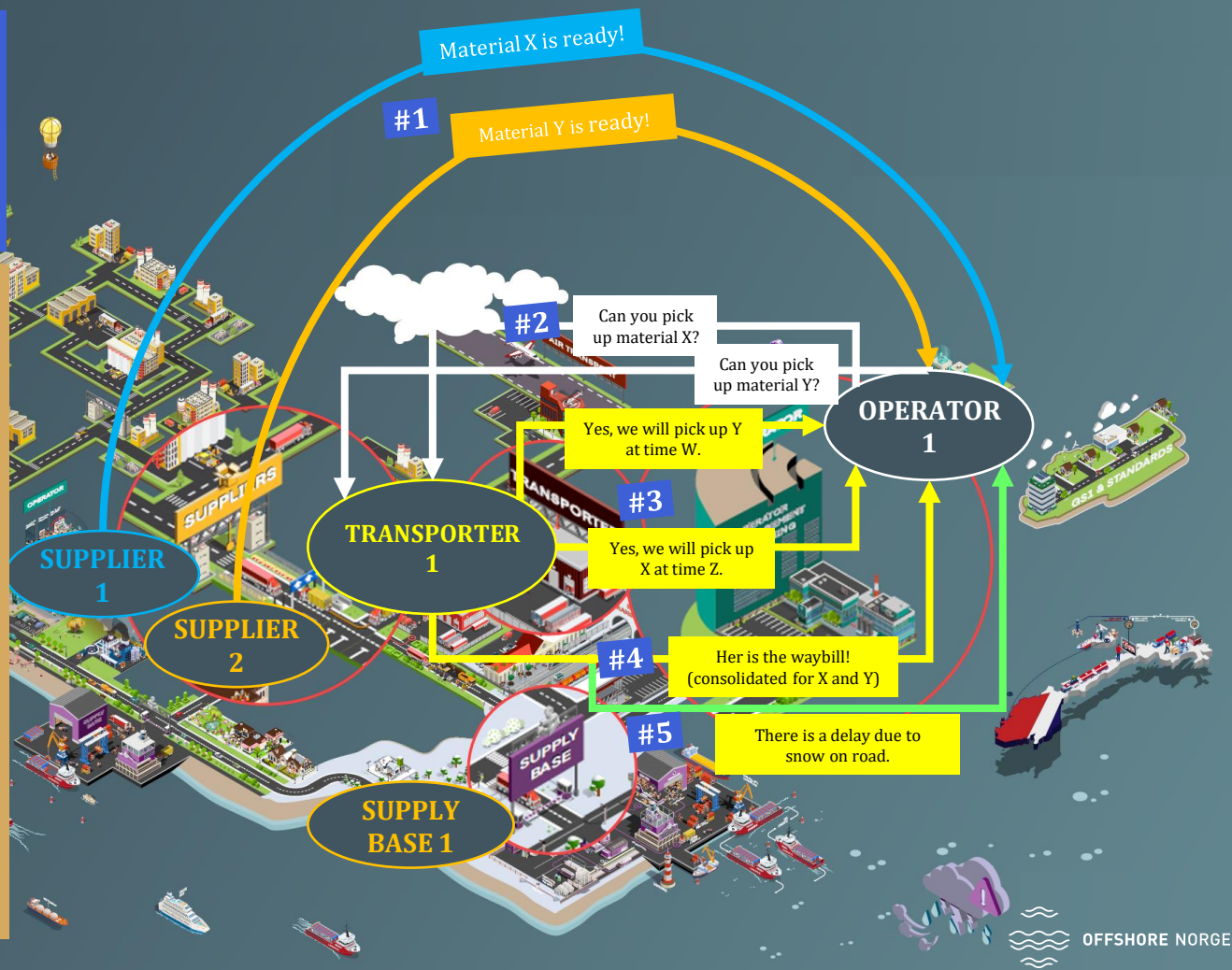
VIDEO  
#2

# ACTORS IN THE SUPPLY CHAIN ON NCS – Background for Peppol Logistics



# LOGISTICS MESSAGES IN THE SUPPLY CHAIN ON NCS

- The complexity in the supply chain on NCS is immense.
- There is unstructured and structured messages and information flowing between the different actors in the supply chain.
- Messages typically flow through channels such as phone, email, SMS, etc., while in many cases messages are not generated/sent at all.
- Peppol Logistics will provide a format for these messages. These messages can then be sent over the existing Peppol network, that has a proven track record – *it works!*





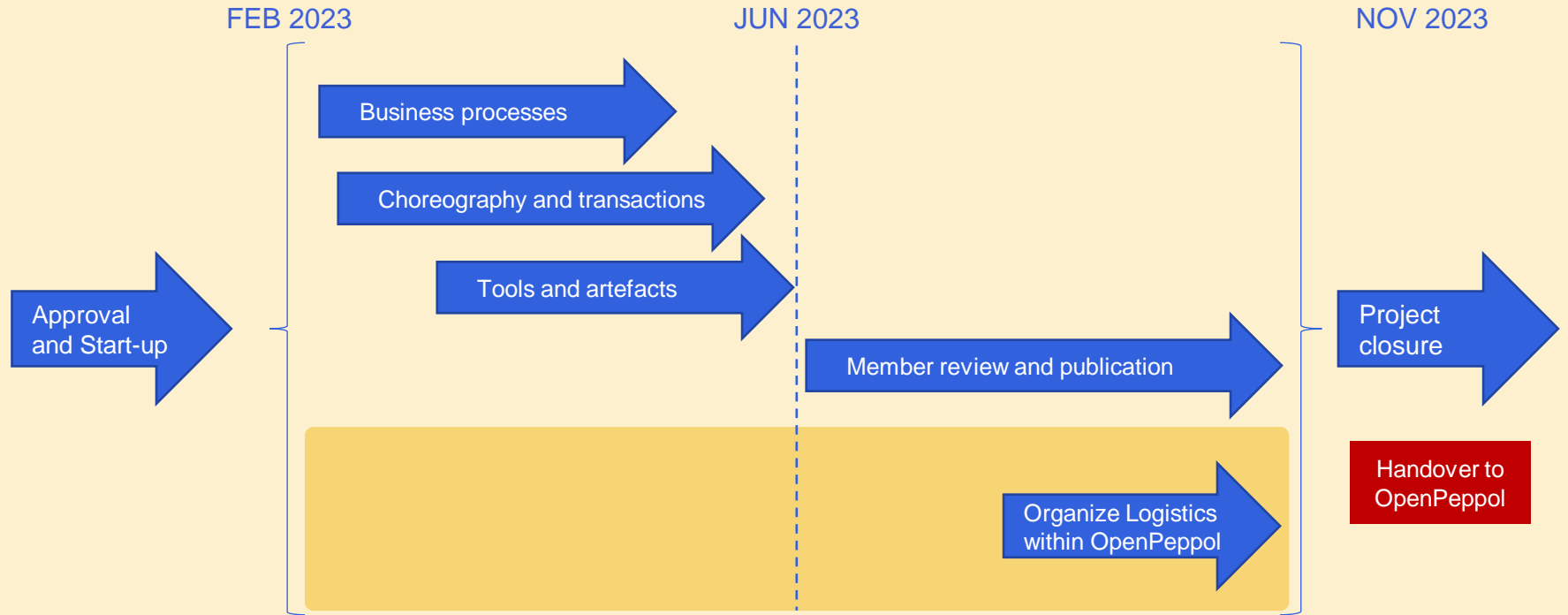
# PEPPOL LOGISTICS INTRODUCTION



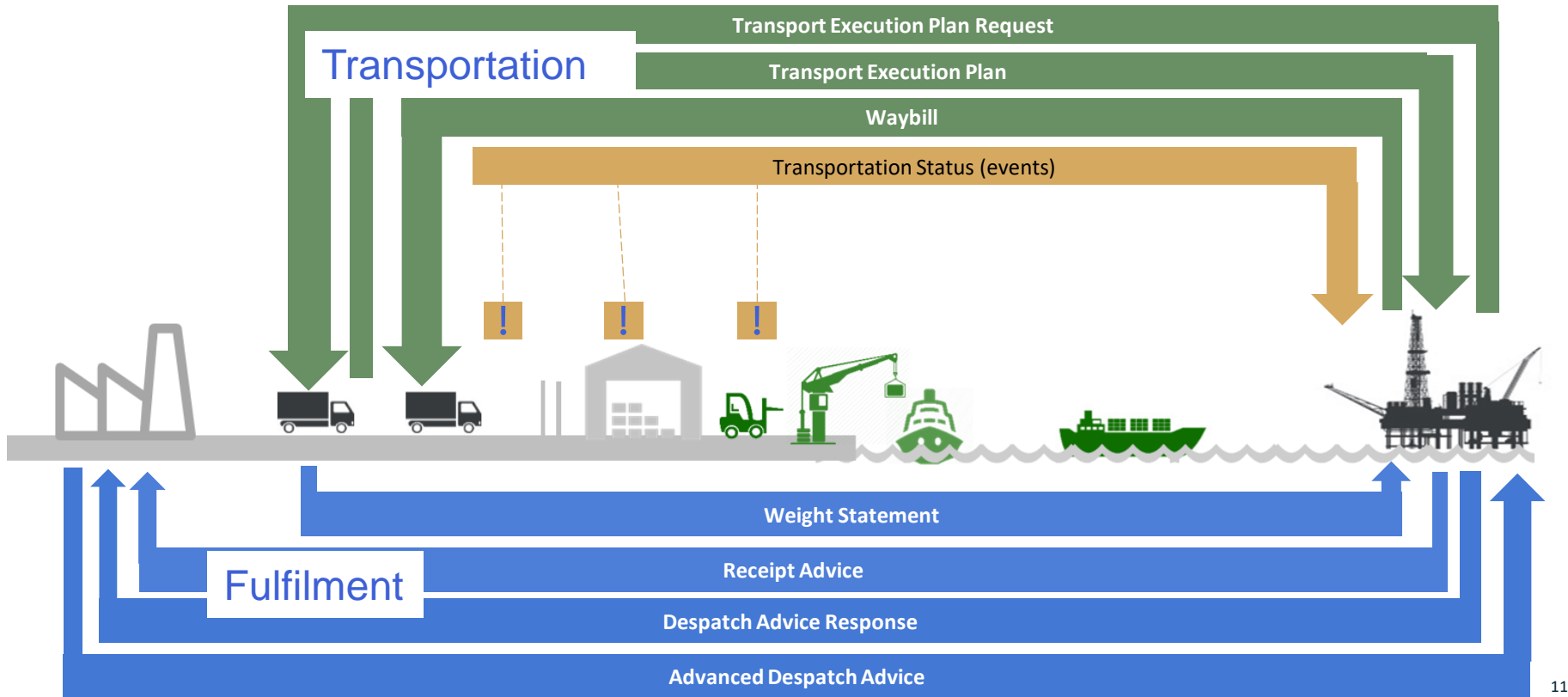
- The initiative to establish Peppol Logistic was taken by Offshore Norge and BEAst in Sweden.
- Offshore Norge has taken a role in establishing Peppol Logistics, there is however no further commitment. Once established, one no longer have a cost related to maintenance, development, etc.
- This new domain in Peppol will facilitate the digitization of the logistics and transport processes in industries such as construction and offshore. Peppol can be an enabler with a proven standard that all industries having logistics and transportation as part of their value chain can adopt and make use of.

## PEPPOL LOGISTICS The Movie

# PEPPOL LOGISTICS ACTIVITIES



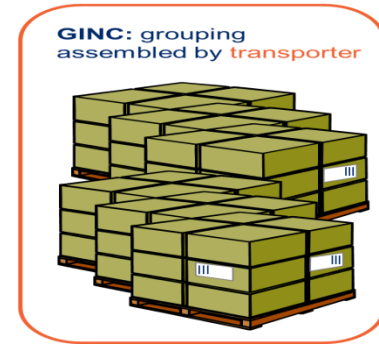
# PEPPOL LOGISTICS SCOPE



# FULFILMENT

## Transactions

- AdvancedDespatchAdvice
- ReceiptAdvice
- WeightStatement



- Packing structure and identification of transport handling units being sent from Seller to Buyer
- Weight statement being sent from Carrier to Buyer, mainly for bulk transports

# TRANSPORTATION



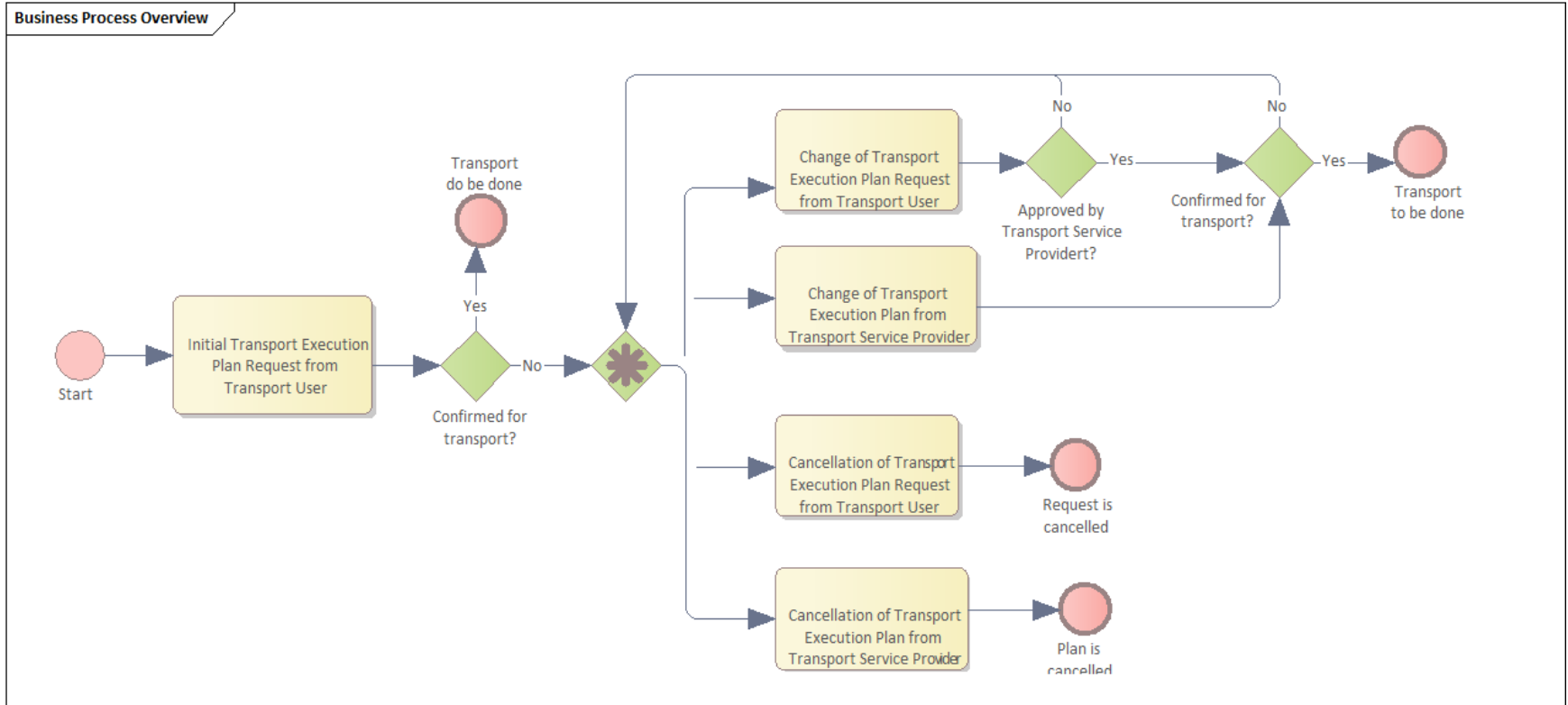
## Transactions

- TransportExecutionPlanRequest (also known as transport booking)
  - TransportExecutionPlan
  - Waybill (also known as CMR, Bill of Laden)
  - TransportationStatusRequest
  - TransportationStatus
- 
- Transactions being exchanged between the transport users and the transport service providers



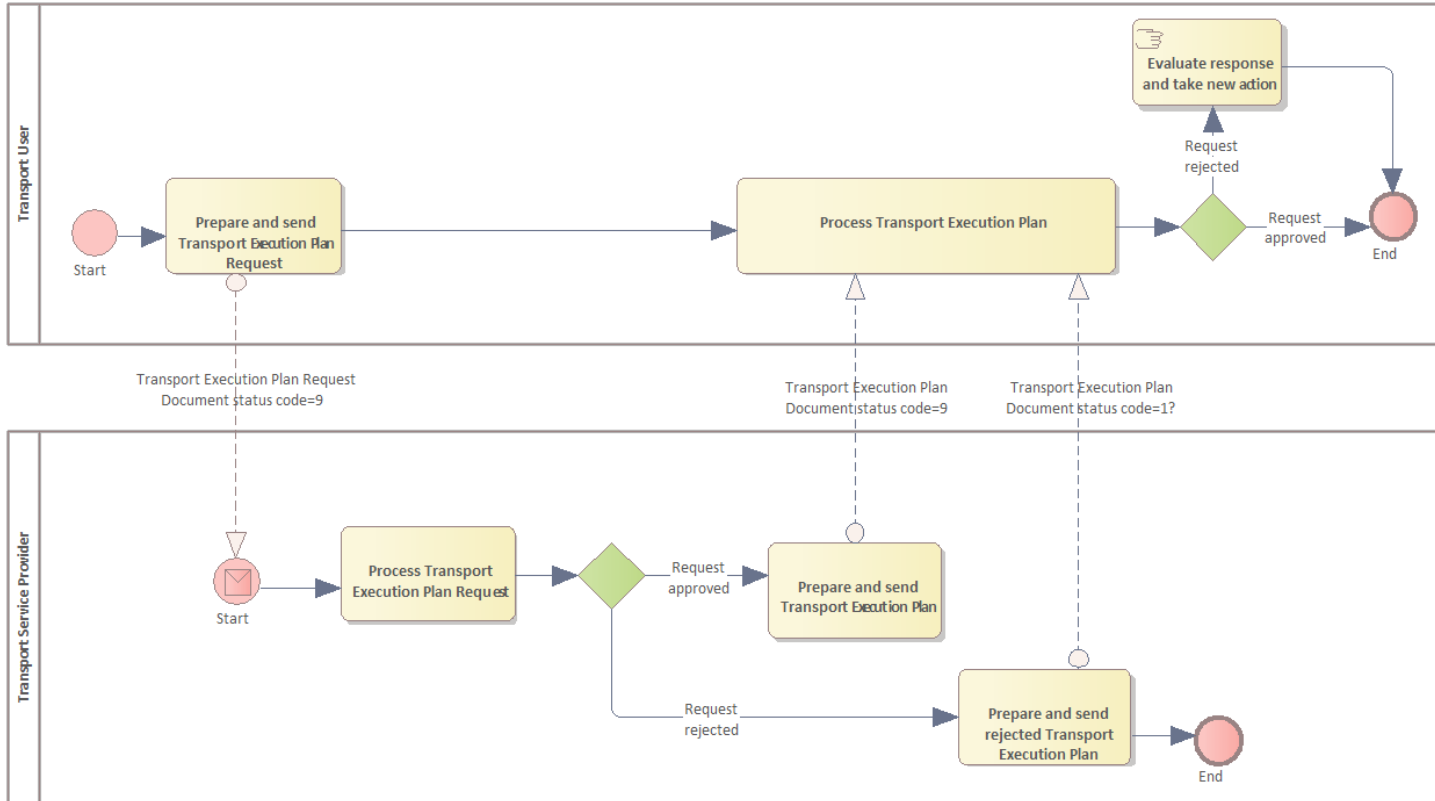
# TRANSPORT EXECUTION PLAN WITH REQUEST

- Process flow



# INITIAL TRANSPORT EXECUTION PLAN REQUEST

Collaboration Transport Execution Plan with Request initial



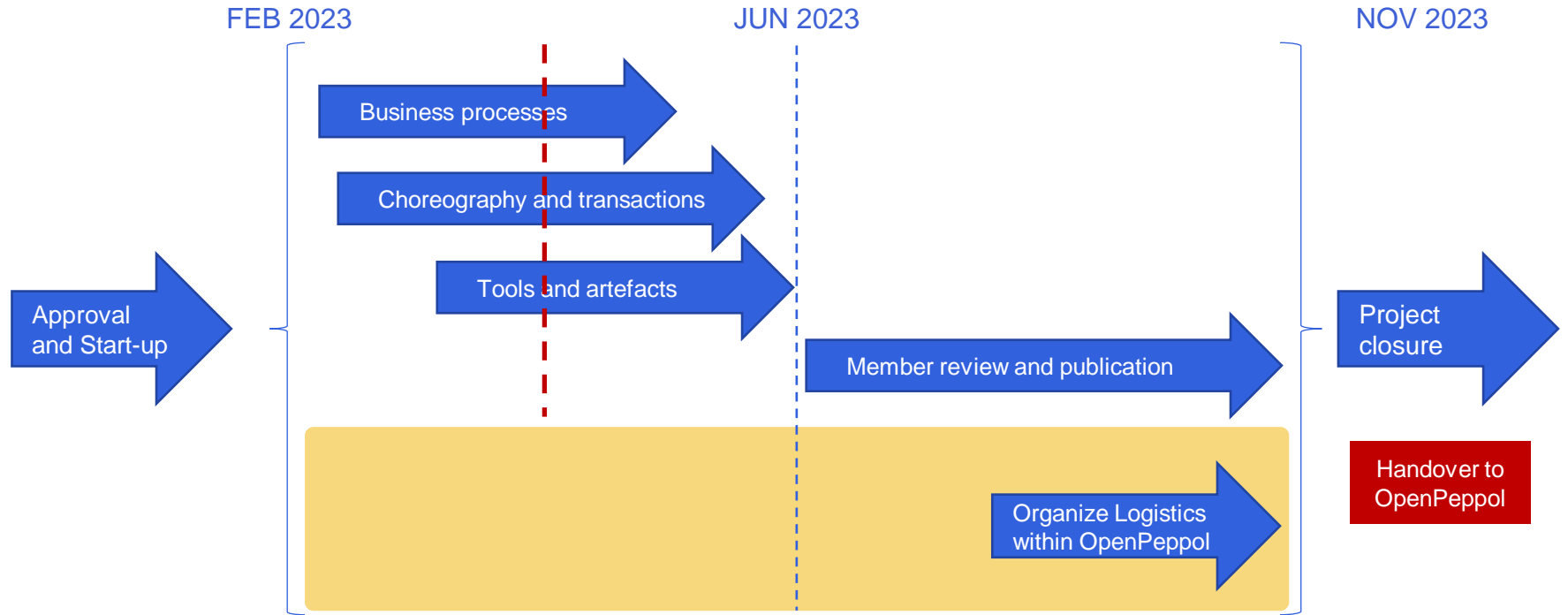
# TRANSPORT EXECUTION PLAN - CONTENT

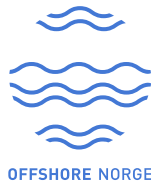


- All transactions are specified according to Peppol structure based on the UBL specifications
- As part of the project we will produce business rules and Schematron-files to make it possible to validate content
- We have developed draft specifications for all transactions
- [Transport Execution Plan](#)



# PEPPOL LOGISTICS ACTIVITIES





# Peppol Logistics

You are welcome to participate!

Thank you!