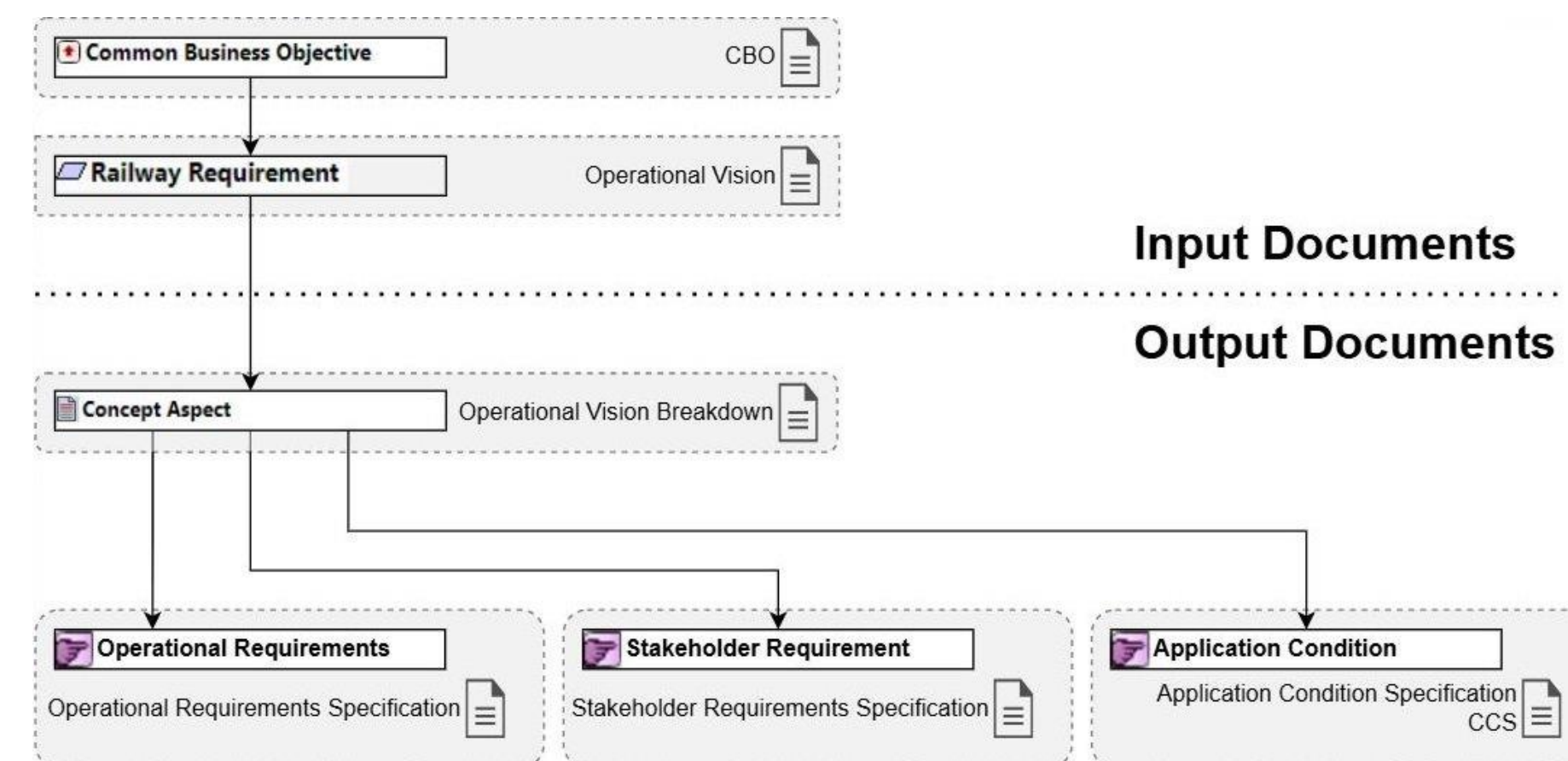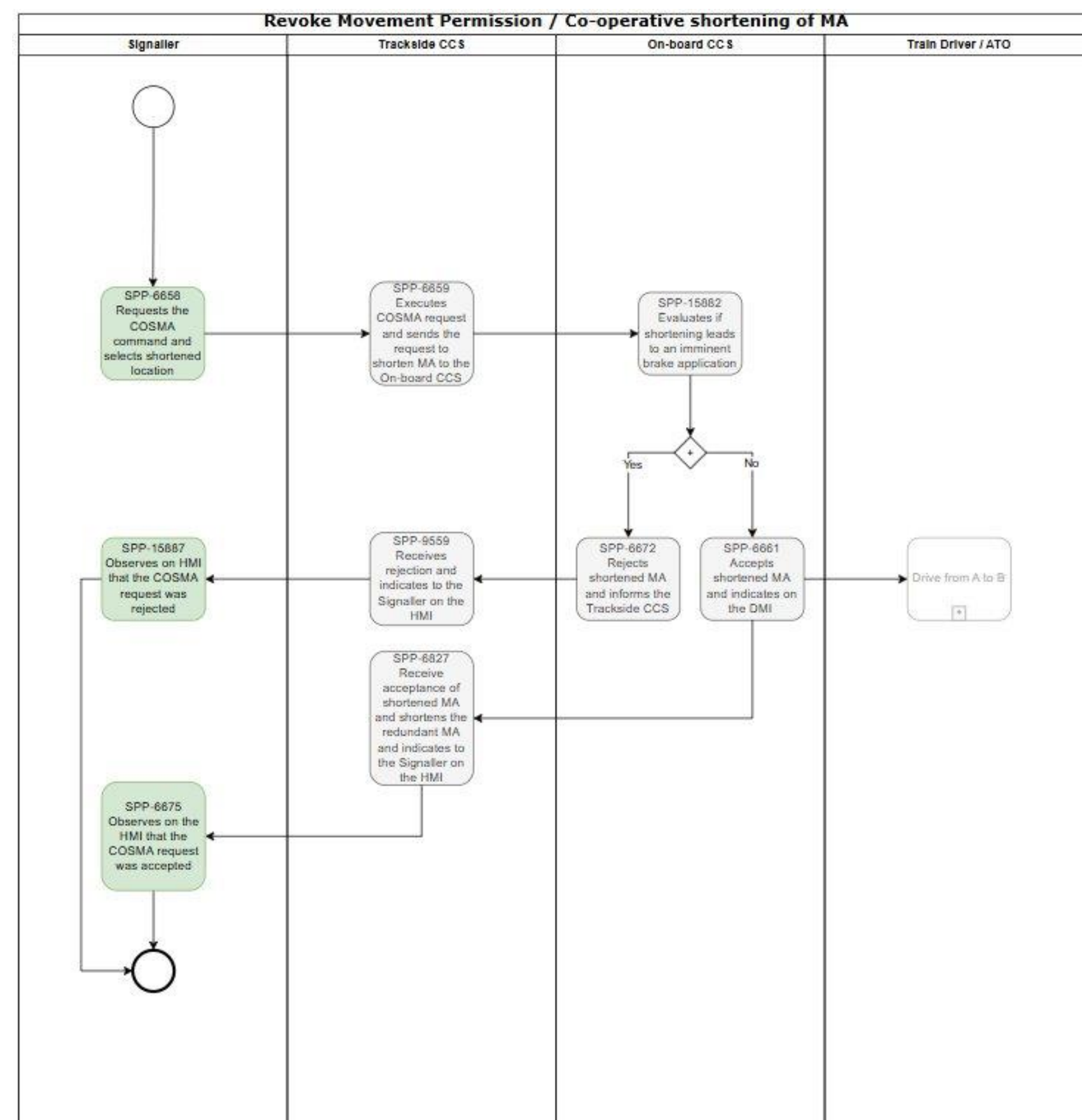# Task 2: Operational Harmonization

The Task 2 Operational Design Domain has to develop harmonised operational processes in alignment with RU and IM needs, taking into account also Human and Organisational factors, as well as operational migration issues.

The target of the domain is to deliver until October 2025 the rulebook chapters for the topic package 1 for all CCS-related processes for train drivers, signalers, track workers and other operational staff.

The Task 2 Operational Harmonization Team will focus on **"Harmonized European Rail Operation" migration plateau**:

- Harmonized operational concept ETCS L2 + rules, processes, also for ATO GoA1/2

- Safe traffic control for mixed traffic with trains with or without train integrity/train length information;

- Supervised maneuvers and harmonized ETCS shunting signals as implem. option

Task 2: Ope. Harmonization

Renato Rodrigues *(EUG)* – **Railway Lead**
Danilo Iovino *(Hitachi)* – **Supplier Lead**

Lead STIP Deliverables

- **STIP_1: Guideline for harmonized CCS related operational processes for ETCS L2 and ATO GoA 1/2** - 2027

Deliverables Request for Service (SC2.4) – Year 3 [Oct-24 – Oct-25]

- **D01 Guideline for harmonized CCS oper. processes for ETCS L2 and ATO GoA 1/2** – Q3 2025

- **D02 Support to the EGNOS Project** – Q4 2024 – NOT REQUIRED / DELETED

- **D03 Collaboration for STIP** – Q3 2025

Latest Achievements, Challenges and Design Decisions *(to be filled periodically by the domain)*

- **Latest Achievements:** The following achievements have been accomplished by the OD domain
  - Package 1 of OD operational processes completed, providing a comprehensive overview of the deliverables to be developed

- **Domain Current Challenges:** The domain is facing the following challenges
  - Challenge #1: Delay in Operational Design and Traffic CS System Specification. This delay is primarily caused by:
    - discrepancy between requested and available FTE: a significant number of domain members have low availability, which limits the overall effectiveness of the team

- **Design Decisions:** The domain has made the following design decisions that impact the Overall Model
  - Currently under development as part of the Operational Concept

Expected outcomes for sector review in the next 3 months

- **Guideline for harmonized CCS oper. Processes for ETCS L2 and ATO GoA 1/2**
  - Preparation of Operation Requirement Specification package 2, including following topics:
    - Movement A to B
    - Revoke Movement permission
    - Manage Usage Restrictions
    - Boarding and Disembarking of Passengers

- **Operational Concept**
  - A set of operational design principles and derived design decisions that binds the operational processes
  - Under preparation for sector discussion and approval in the last quarter of the year