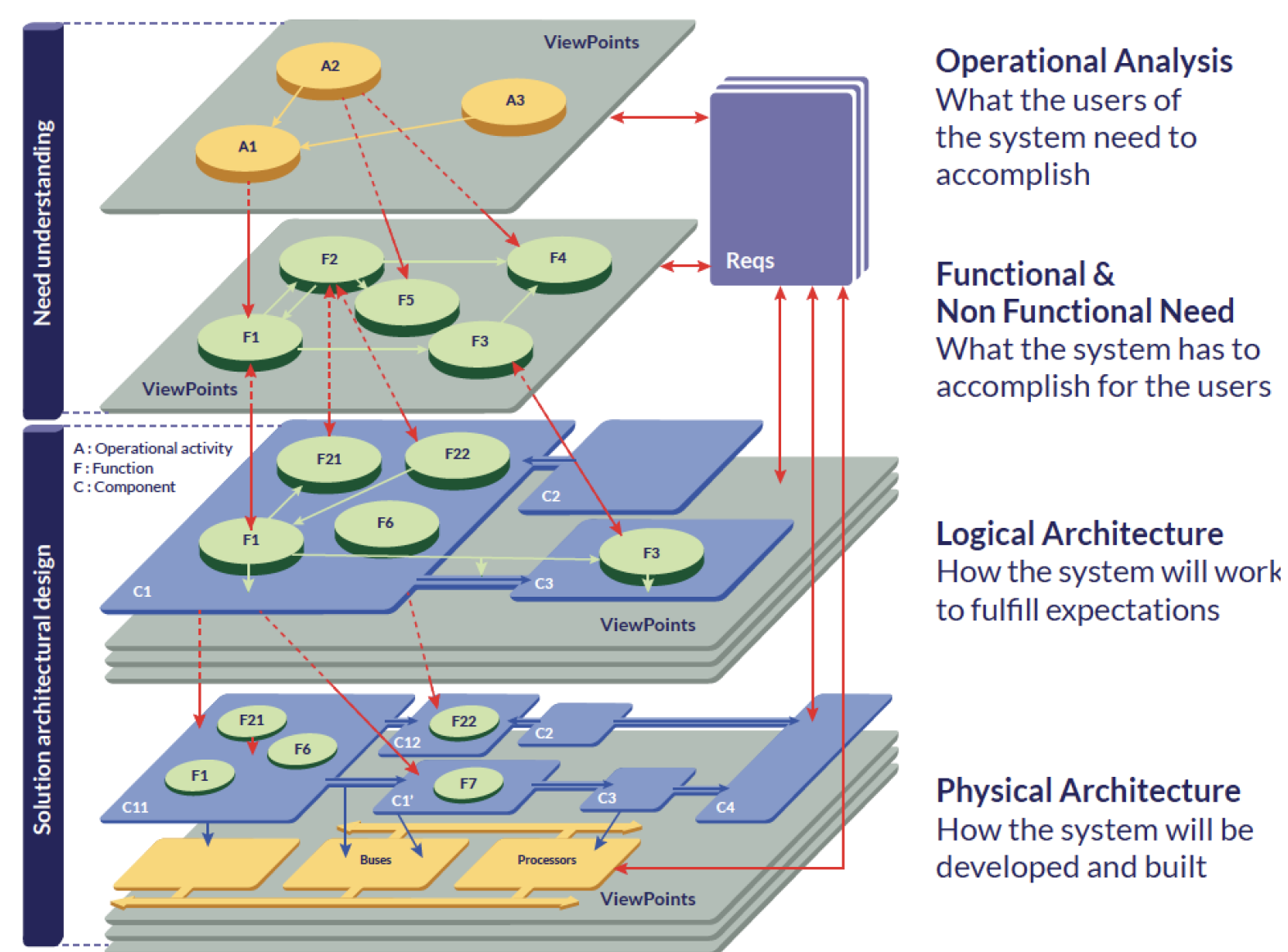


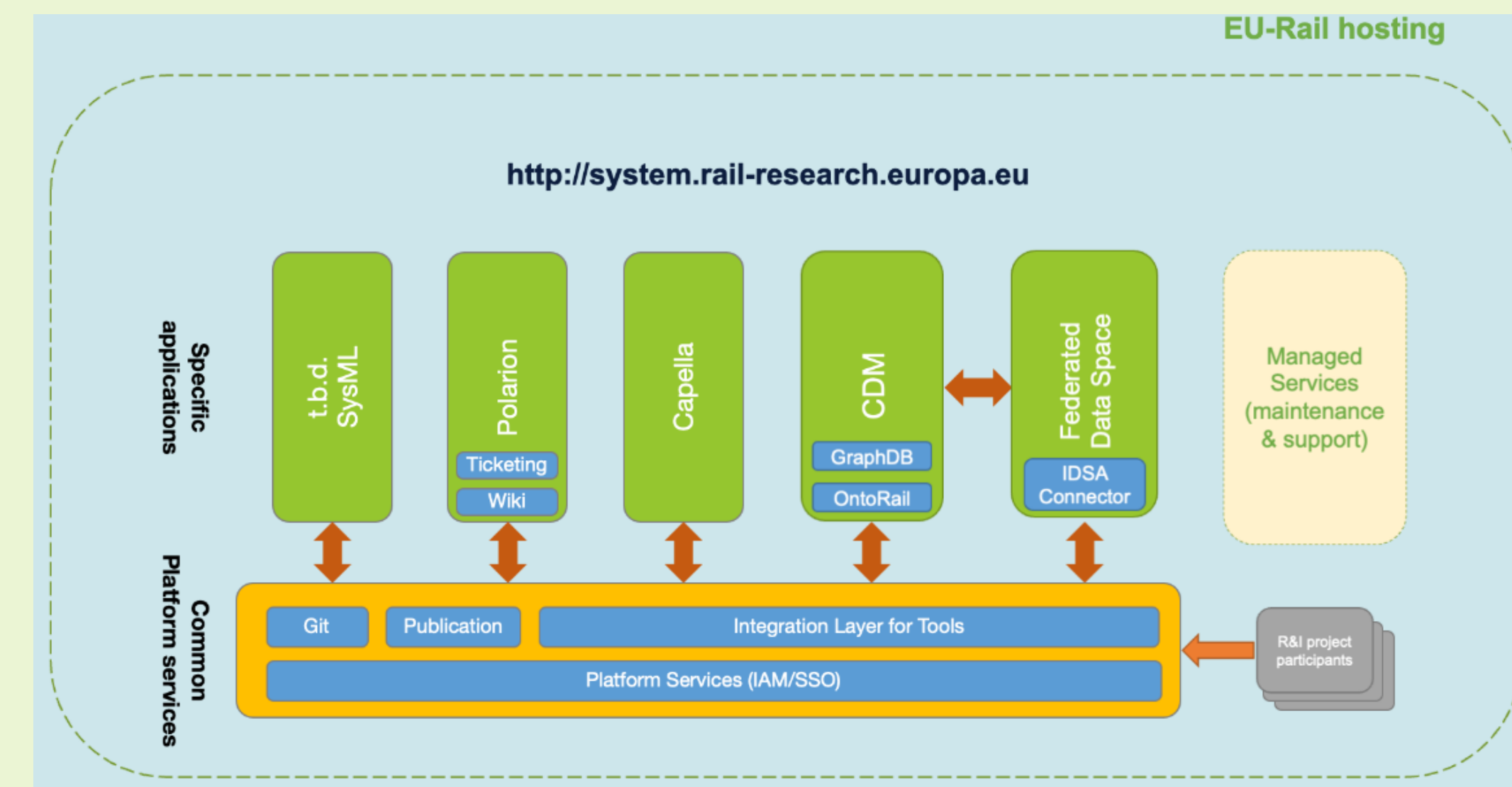
The Engineering Environment team has a central and active role in guiding and supporting other teams. Modelling and specification (including integration of external input) is done in the Tasks and domains. The Engineering Environment team is not contributing to the specification or modelling work itself but is actively supporting where needed and taking care that the work of the Tasks and domain can be done in an efficient way and with the needed quality.

The Engineering Environment team includes methods definition (System Engineering Management Plan (SEMP) and tools provision and training (Polarion, Arcadia/Capella, SysML) for the whole System Pillar.

System Pillar MBSE Methodology Overview –is based on ARCADIA



EET defined processes to be used with Polarion and Capella currently operational in the overview of tools



In SC2.4, the EET Team will focus on improving the processes and related tools according to the remit and the technical domain needs.

- New work for release of Document Management Plan including, deliverable document workflow and improvement of review process and approval process
- Regular improvement of existing processes (including requirements, quality, configuration management plans and MBSE Handbook), glossary and tools
- Training and user support of Method, Tools, Processes

Note: CDM (Conceptual Data Model) and FDS (Federated Data Space) tools are out of EET scope.

Version history: The overview of changes between the different versions of EET main deliverable (SEMP) can be found in the last version of SEM (SEMP V4 in progress)

Lead STIP Deliverables

- No STIP Deliverables defined in STIP v1 for EET

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

- D01 Updated Glossary including cleanup and synchronization with ERA ontology – Q3 2025
- D02 Consolidated and checked system Req. set V1 – Q3 2025
- D03 SEMP V4 – 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 EET domain:
 - **Achievement #1: draft** SEMP V4 with various updates on Systems Engineering Plan, Modelling Methods, Requirements Management Plan, Document Management Plan ,Configuration Management Plan with corresponding annexes
- **Domain Current challenges:** The domain is facing the following challenges:
 - **Challenge #1: Reduced EET resources versus demanding workload** , e.g. Quality checks and configuration management of models and requirements
 - **Challenge #2:**Define method and tools that can be applied indifferent of background, company, culture
- **Design Decisions:** The domain has made the following design decisions that impact the Overall Model:
 - **Decision:** :No major decision

Expected outcomes for sector review in the next 3 months

- **Prepare Phase 2.4**
 - Draft SEMP V4 further update based on Domains/Tasks feedbacks and Sprint outcomes as well as EET internal considerations