



European Middleware Initiative (EMI)

Alberto Di Meglio (CERN)
Project Director

EMI Workshop

- Agenda
- Objectives
- Next steps

EMI Workshop Agenda

- Two main parts
 - Introduction and presentation of related projects
 - We need to understand the broad context and the relationships with other Infrastructure-related projects
 - Fundamental input to the rest of the discussion
 - Discussion of EMI concepts, procedures, tools, short-term objectives, etc
 - Anything we need to take off in three weeks time

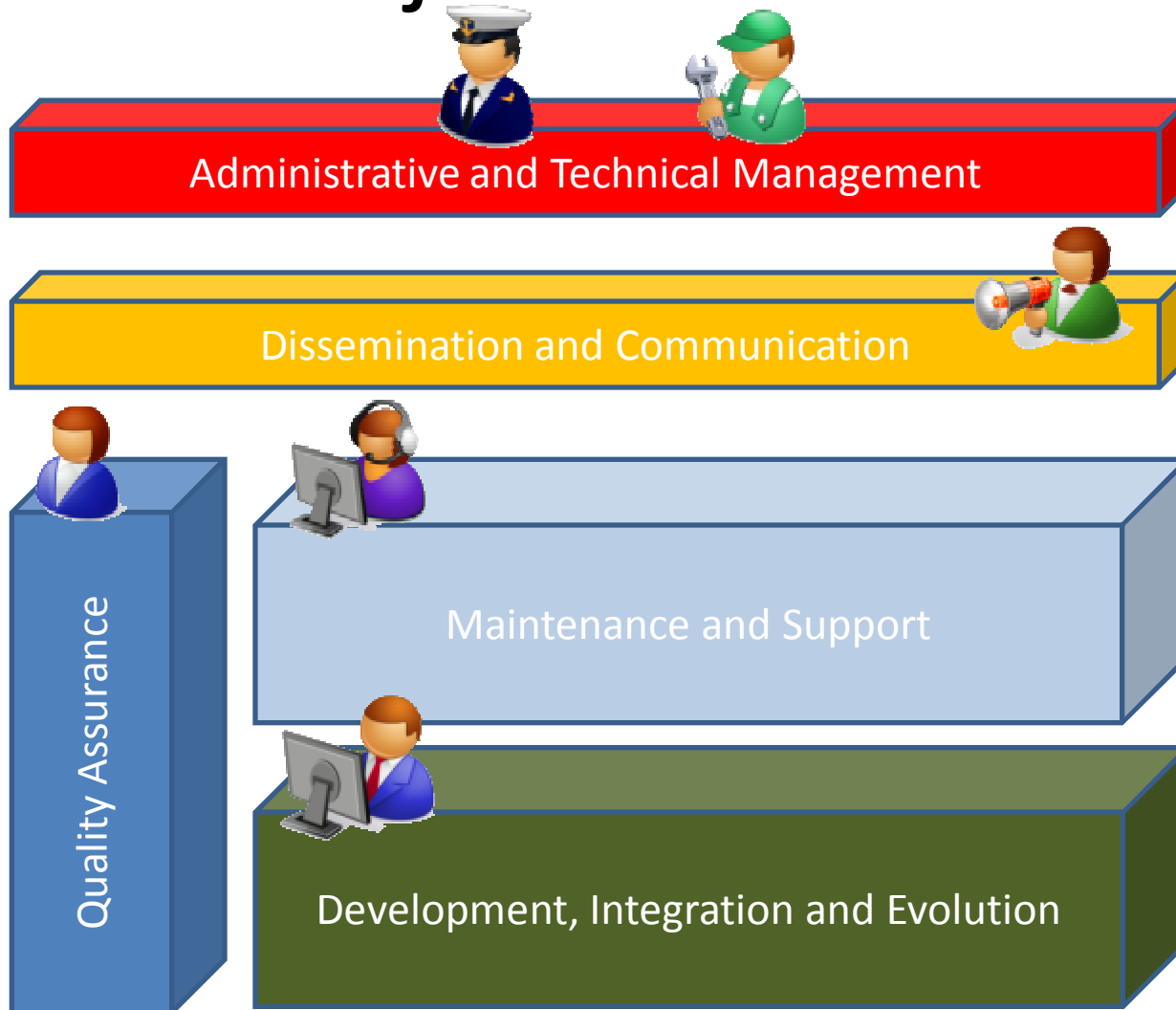
EMI Workshop Objectives

- More in details
 - Start getting to know each other
 - Assess the current status of the project
 - Identify areas of discussion
 - Global tasks (release management, support, QA, tools, repository, SLAs, etc)
 - Technical interaction with EGI (releases, 3rd level support, security, etc)
 - Product Teams (what, who, why, how)
 - Define the next steps and milestones

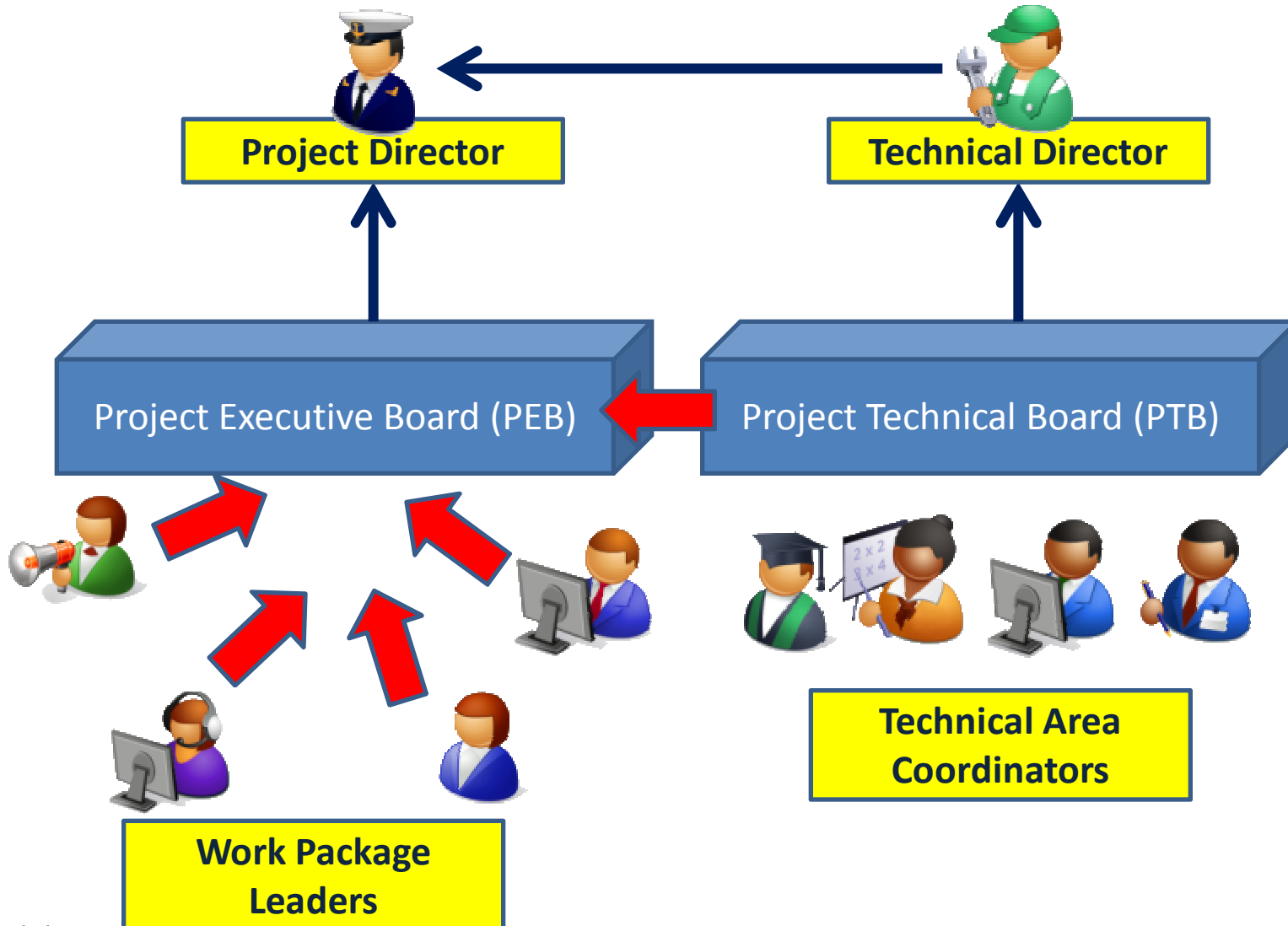
Current Status

- Currently in the negotiation phase (revision of the DoW, of deliverables and milestones, fine tune budget and effort, contractual documents, etc)
- Starting date: May 1st
- Duration: 3 years
- Kick-off meeting planned for the fourth week of May (tentatively 24-26 or 26-28 May)
- Some technical preparation meetings may be required before that

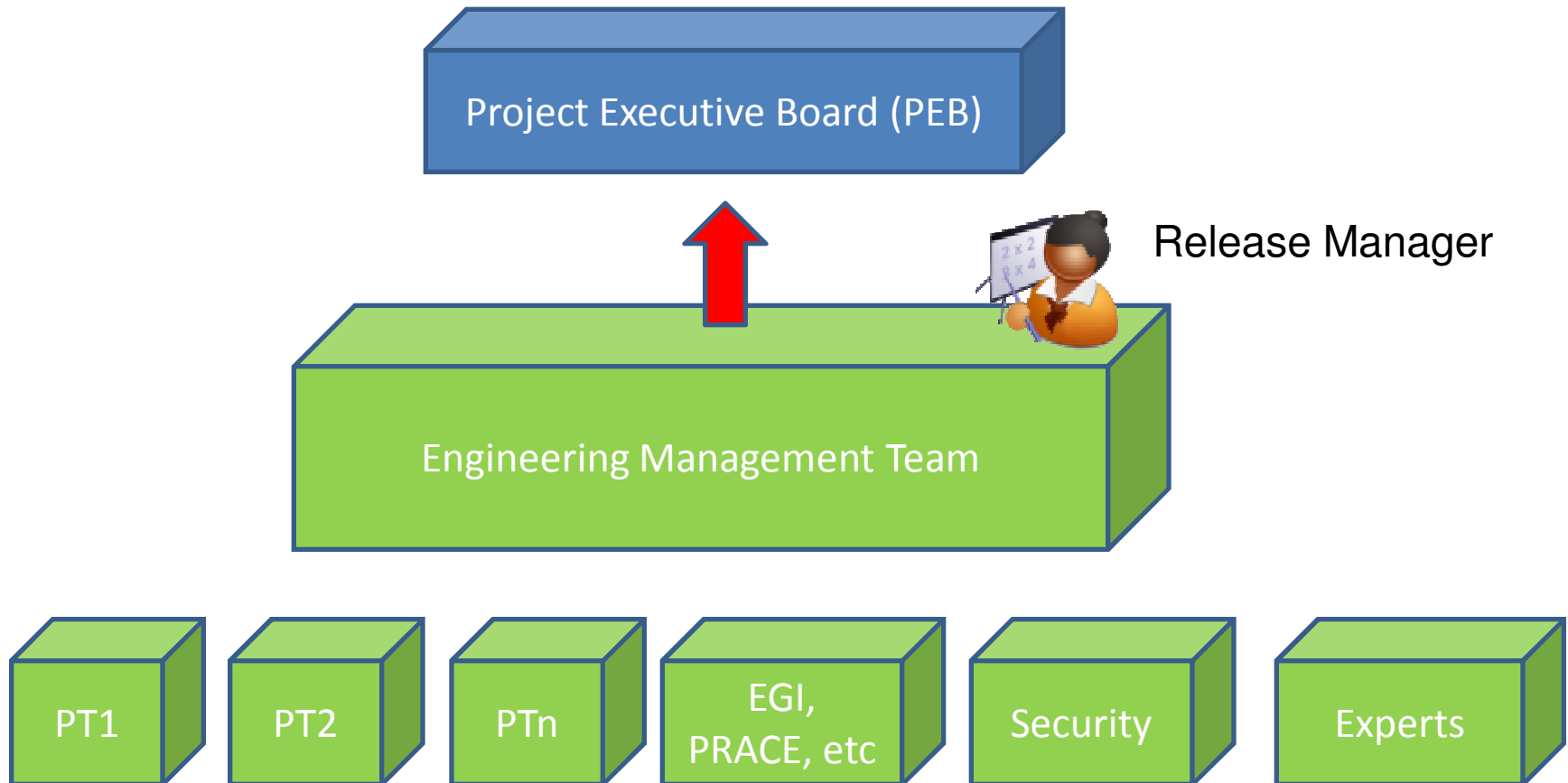
Project Structure



Project Execution



Project Execution



Manage '**standard changes**': release management, bug triaging, QA analysis

Technical Areas

Compute Services

A-REX, UAS-Compute, WMS, LB, CREAM, MPI

Data Services

ARC SE, dCache, StoRM, UAS-Data, DPM, LFC, FTS, Hydra, AMGA

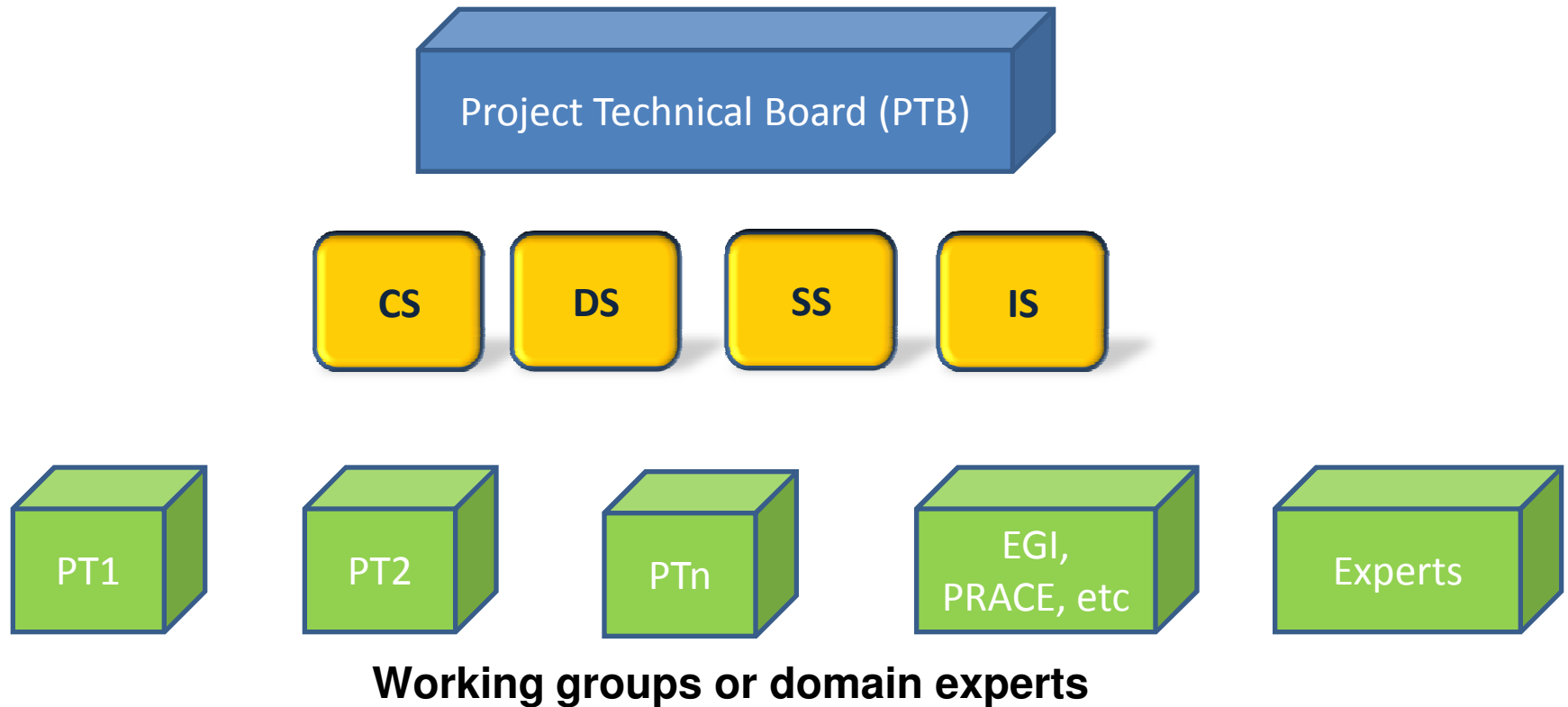
Security Services

UNICORE Gateway, UVOS/VOMS/VOMS-Admin, ARGUS, SLCS, glExec, Gridsite, Proxyrenewal

Infrastructure Services

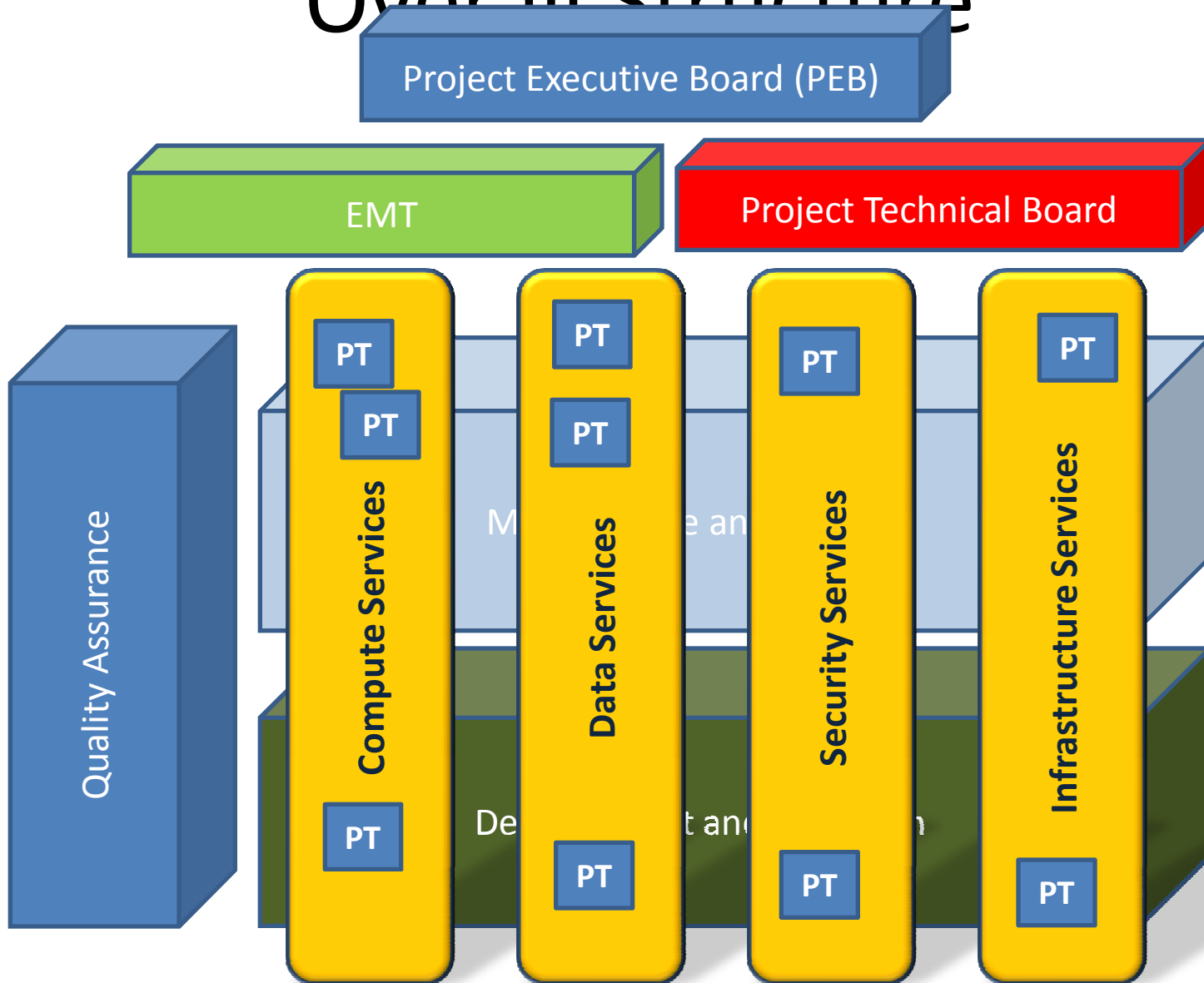
Messaging, accounting, monitoring, virtualization/clouds support, Information systems and providers

Project Execution

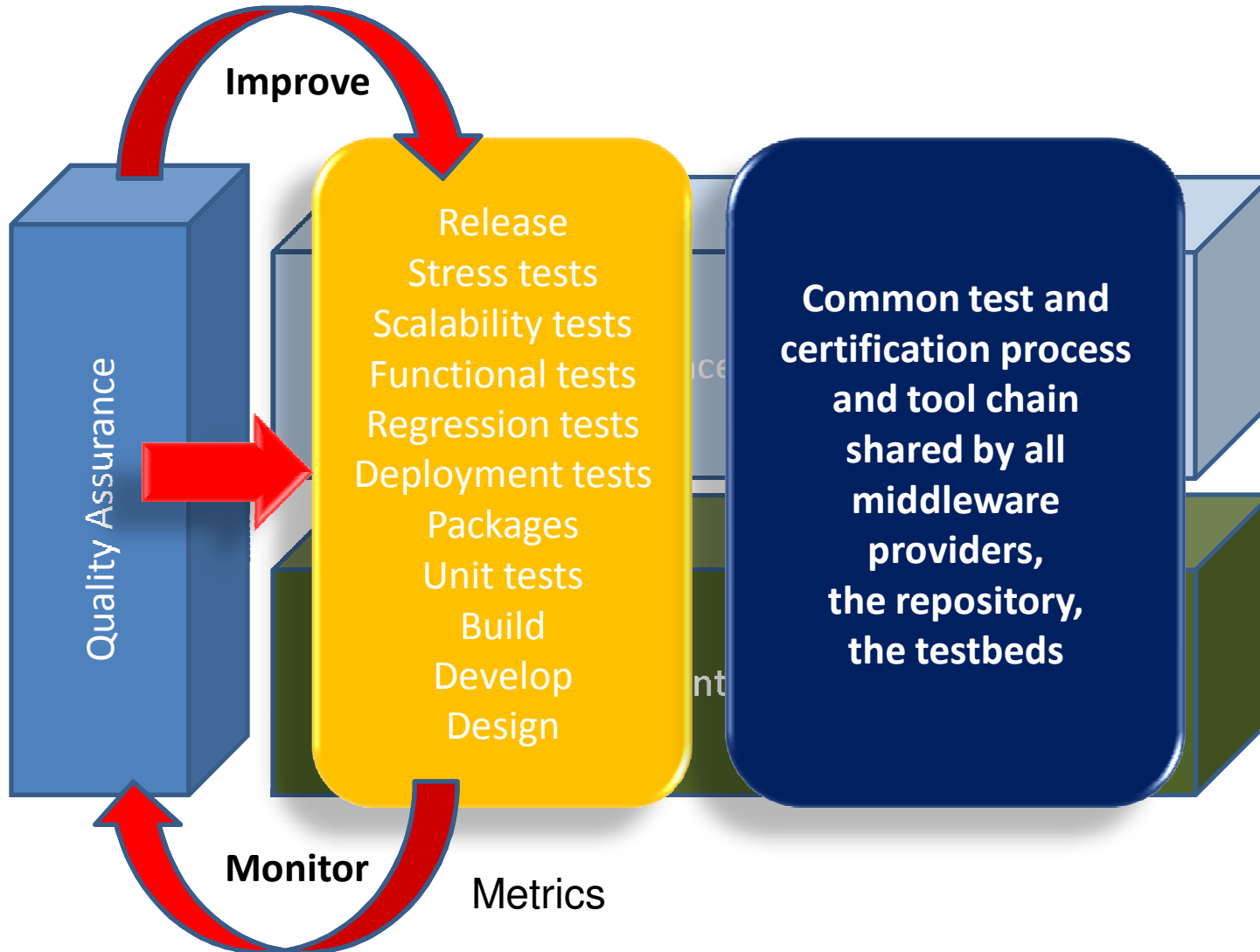


Manage the **technical roadmap**: major functional changes, standardization, interoperability, common services definition, etc

Overall Structure



Quality Assurance



Releases and Release Policies

This (mainly) applies to EMI releases

- **Major releases:** once or twice per year, may contain non-backward compatible changes

This (mainly) applies to individual components

- **Minor releases:** a few times per year, fully backward compatible, may contain new functionality and fixes
- **Revisions:** every week or two weeks, only bug fixes
- **Emergency:** as needed, only very specific bug fixes, use emergency release procedures

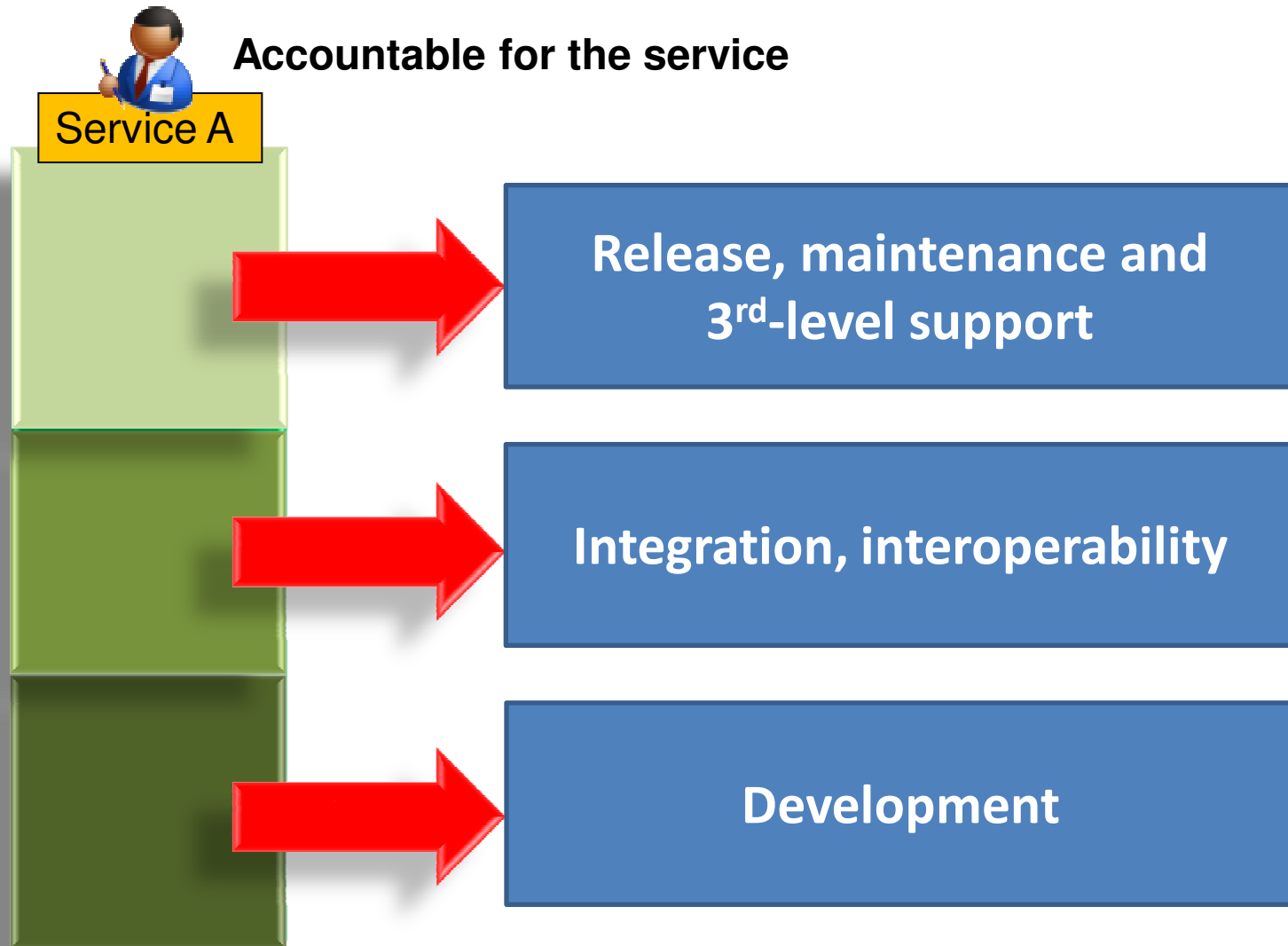
Product Teams - Why

- PTs are not independent from EMI, they are the executive arm of EMI and are collectively responsible to achieve its technical objectives
- They provide a transparent and direct method to assign responsibility for a service within the context of the EMI distribution
- They introduce more flexibility in the organization by delegating the task execution from the WP leader to technical domain experts

Product Teams - What

- PTs perform the required technical tasks from **design to release through implementation, testing and certification** and provide **3rd-level support** for one or more EMI products
- During the lifetime of a product they report their effort to either JRA1 (Development) or SA1 (Support and Maintenance)
- They participate to the technical roadmap definition via the PTB and to the release management via the EMT

Product Teams



Product Teams - How

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European Middleware Initiative

Thank you