

Digital Capacity Management (DCM) Webinar for Applicants



CAPACITY MANAGEMENT

08 OCTOBER 2026



Co-funded by
the European Union

PUBLIC

Welcome Note

Harald Reisinger
CIO & Deputy SG



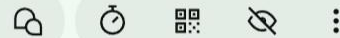
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Pin the country where your organization is based



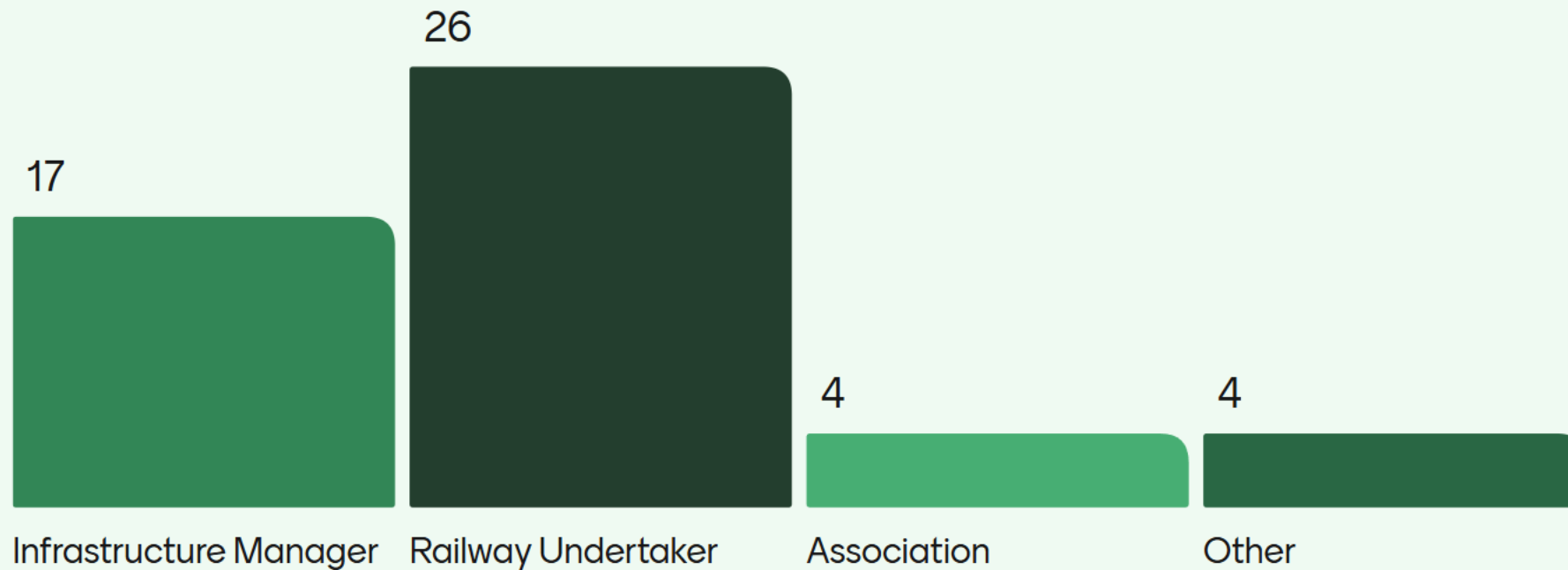
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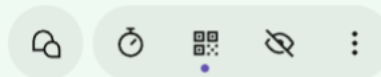
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Are you an IM, Applicant or Association?



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What is the one thing you most want to leave this webinar knowing?

Which tools to use when

How to implement an interface to CPT

Governance of capacity management

How does this affect me - what do I
have to do tomorrow?

Role of RNE

What is compulsory by the new
regulation

How to order an international train path

how could my company get involved in
the entire transformation process?

How will support for Railway
Undertakings seeking to interface with
RNE's CI work in practice?

Regulations

I want to know how to order paths and
what will be the process

Better understanding of the process

Technical details of the interface



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Agenda for today

1

Welcome 13:00–13:15

- Opening statement by Network Coordinator

2

Introduction & scene-setter 13:15–13:45

- Purpose of the webinar, expected participant knowledge level, and legal & implementation timelines
- Overview of the Capacity Regulation, TEL TSI, and DCM. What it is, expected benefits
- Involvement of stakeholders (DCM Stakeholder and User Groups)

3

DCM components overview 13:45–14:15

- CPT, PCS, Interfaces

4

Workflow relevant to Applicants 14:15–15:15

- Short plenary intro and working method
- Breakout rooms. two parallel moderated sessions:
 - Room A: CPT (Capacity Planning Tool) - including interfaces
 - Room B: PCS (Path Coordination System) - including interfaces

BREAK 15:15–15:25

5

Moderator recaps (plenary) 15:25–15:35

- Each breakout moderator gives a 4–5' recap and key takeaways

6

Q&A and next steps 15:35–15:55

- Implementation timelines and milestones of the Capacity Regulation and TEL TSI
- Single point of contact and support by Network Coordinator / NC

7

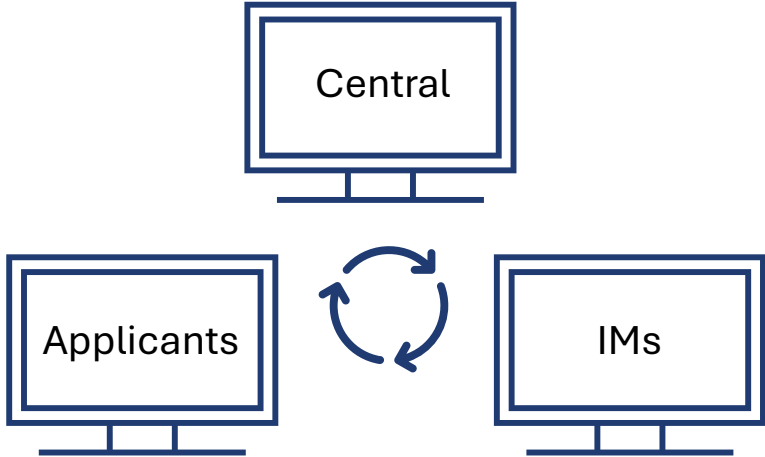
Conclusion & closing 15:55–16:00

Please place your comments / questions in the chat!

Why are we here today?



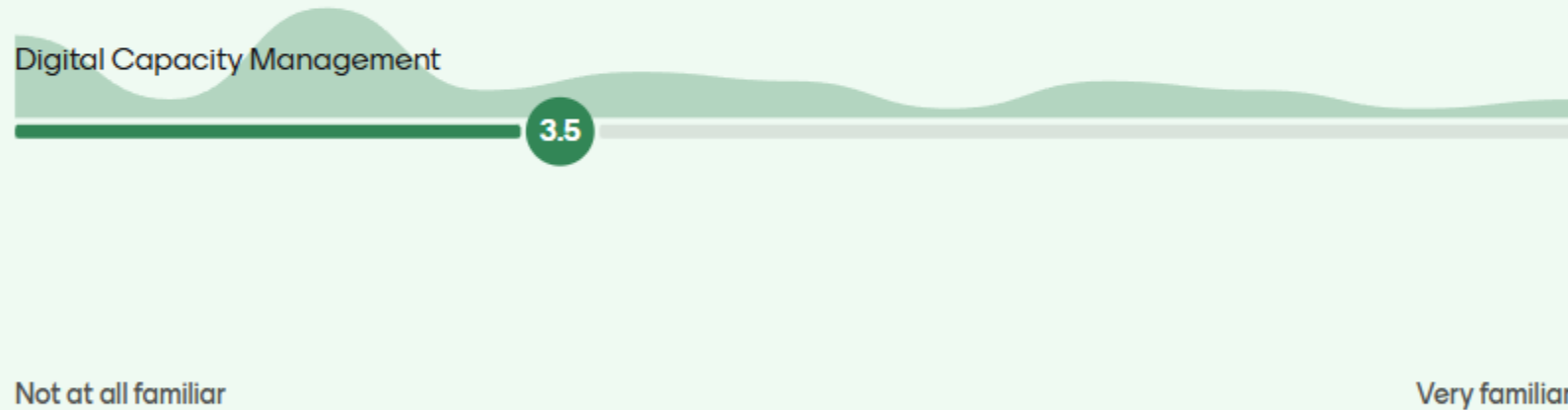
New EU Regulations will change the way how to do things ...



... resulting only in **success** if the whole sector jointly adapts to the new digital environment and its implementation & usage!

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How familiar are you with Digital Capacity Management?

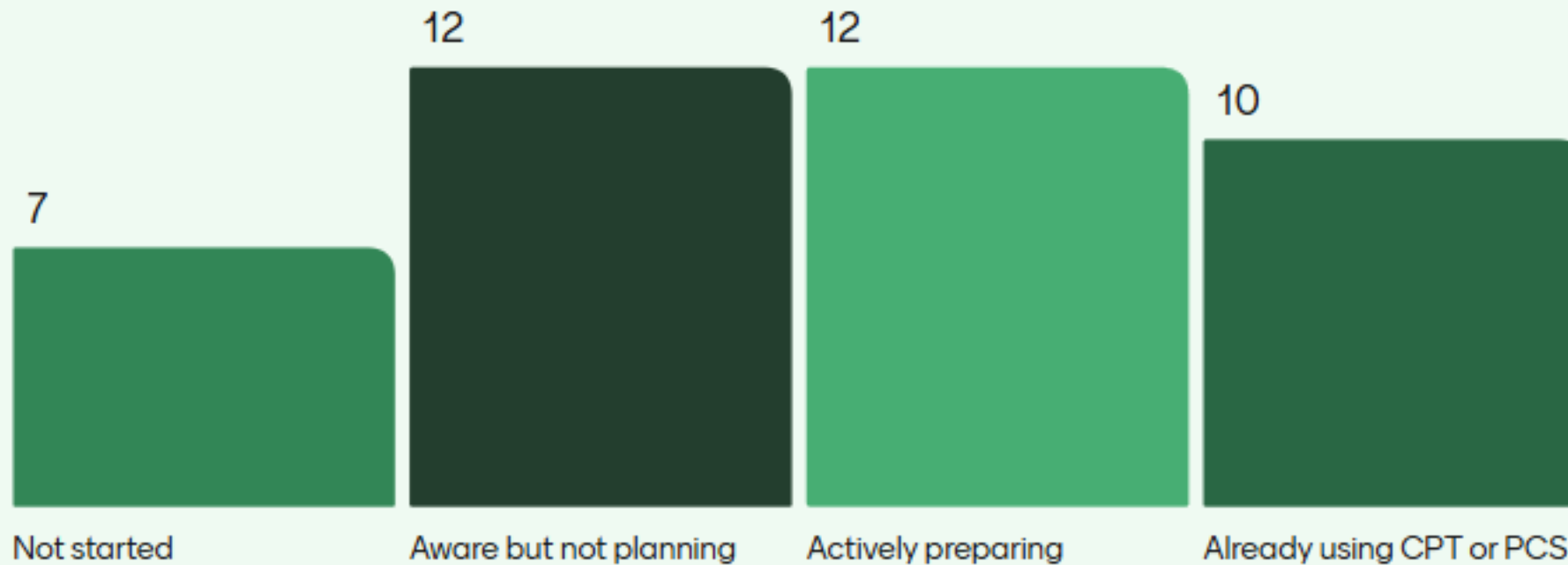


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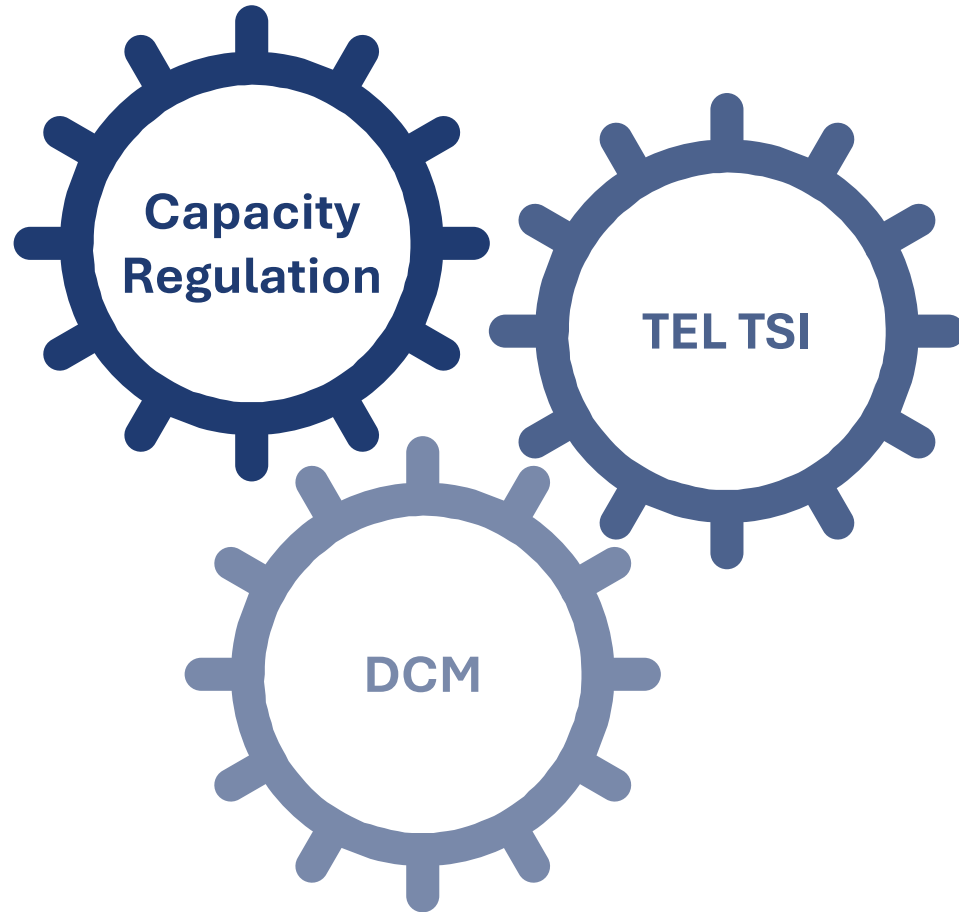
Which best describes where your organisation stands on DCM readiness?



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Regulatory Links



Capacity Regulation (EU 2026/1184)

Overarching legal framework for Capacity Management

Telematics TSI (EU 2026/253)

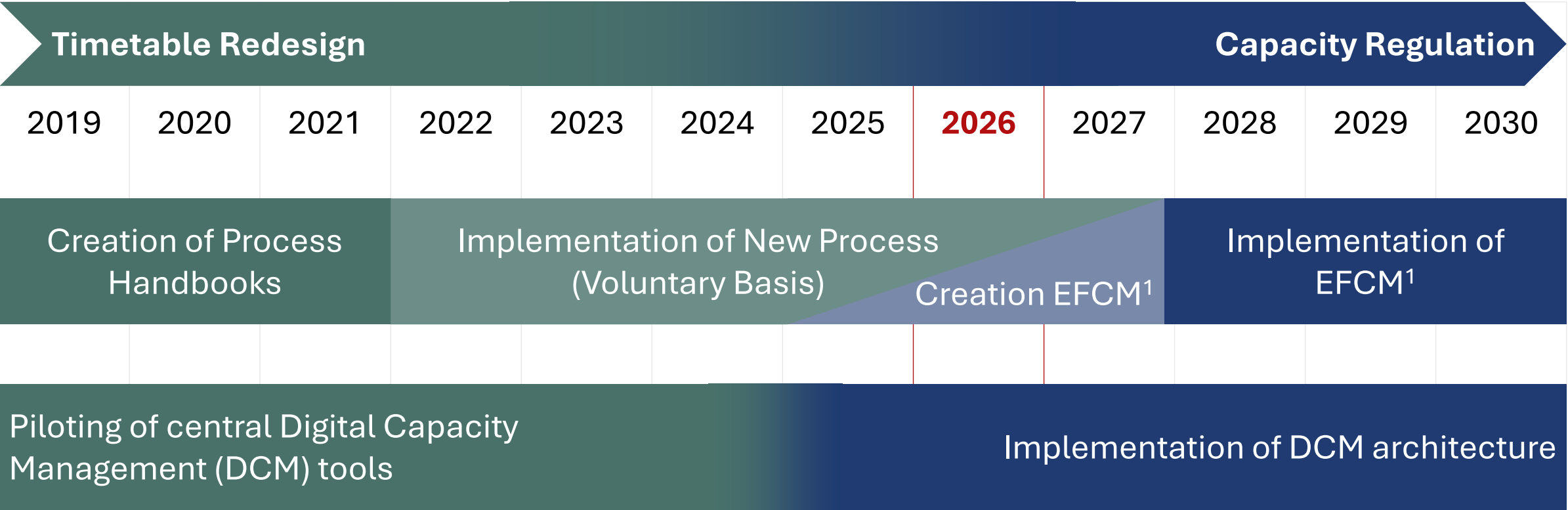
Legally specifying the IT aspects of implementation

Digital Capacity Management (DCM)

Connecting all these requirements into a European IT environment

Where are we on the timeline?

Goal: Full Implementation
for TT Period 2031



(1) European Framework for Capacity Management

Europe currently...



From a planning perspective:

- Isolated with national focus
- Cooperation ‘islands’
- Tedious planning meetings with limited scalability

From an allocation perspective:

- Varying levels of maturity and digitalization
- Request country by country for a single train run
- Tedious coordination for changes

Europe with Digital Capacity Management



Planning

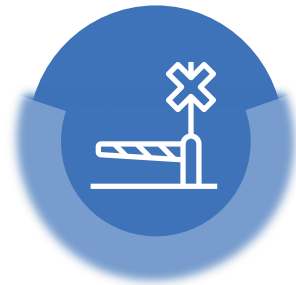
- Various tools support strategic decisions
- Harmonized international traffic flows
- Universal European processes

Allocation

- Modern, digital solutions for capacity booking
- Single-place solution for international requests
- Up-to-date and traceable change management

Goal of Digital Capacity Management

- Infrastructure Managers would like a **seamless planning experience**, and customers would like a **seamless booking experience** across Europe.
- The **European Commission** and **the sector** are pushing for **transparency, coordination, and consultation** across the planning phases.



**Seamless
international
capacity planning**



**Connected
national systems**



**Reduced manual
work**

Process areas

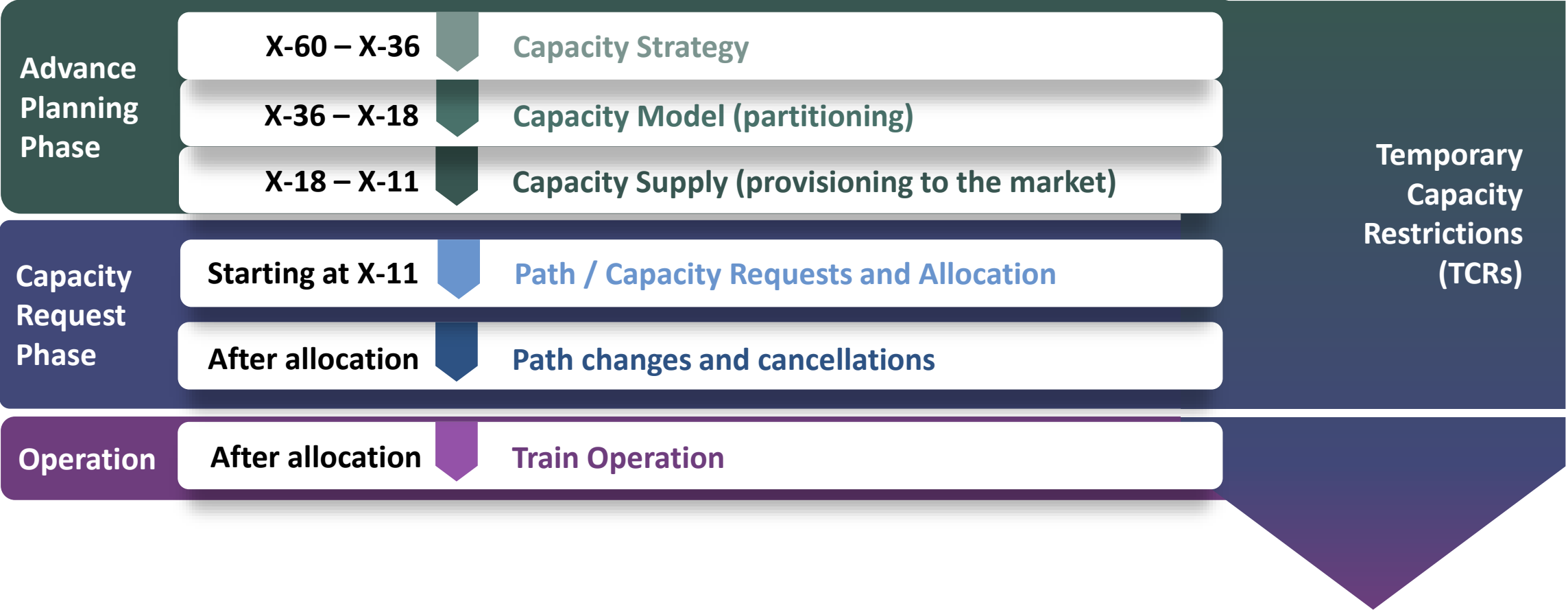
Process areas outlined by the **Capacity Regulation**:

Advance
Planning
Phase

Capacity
Request
Phase

Temporary
Capacity
Restrictions

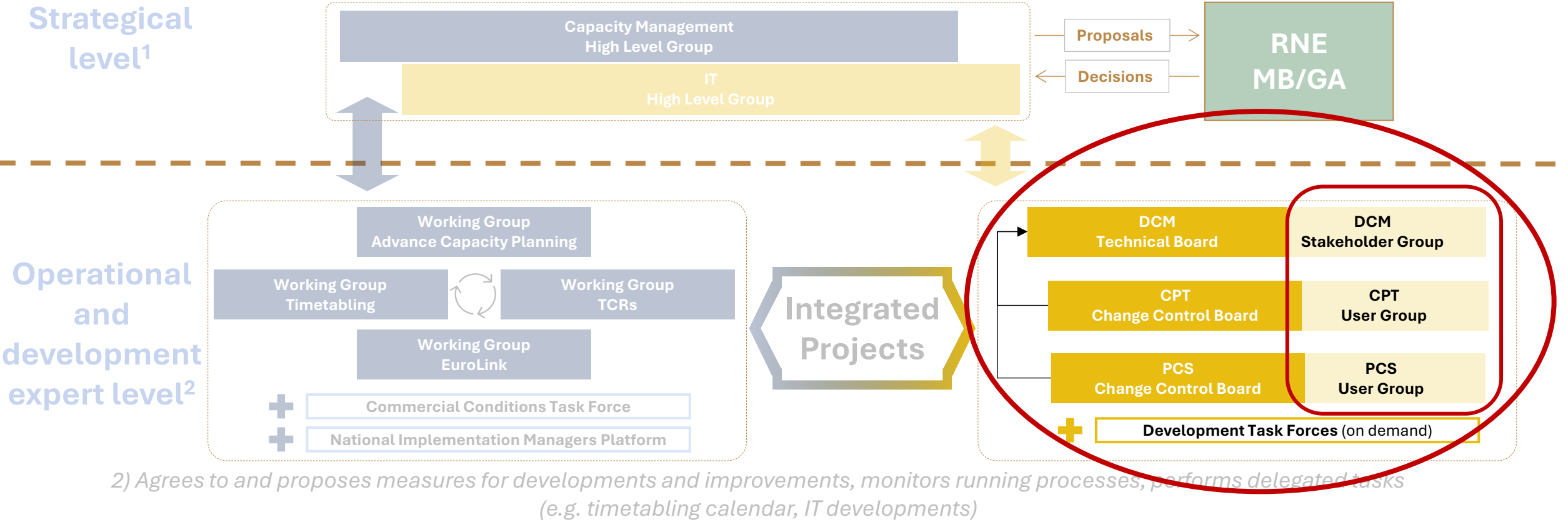
Process Timeline



X- ... = Number of months before the day of timetable change

Involvement of Stakeholders

1) Requests developments, agrees to working methods (e.g. projects), approves proposals



DCM Components Overview



National Tools

national systems need to be made fit for European workflows and connectivity



Central Systems

provide central workflows to enable coordination and enable harmonization on a European level



Interfaces

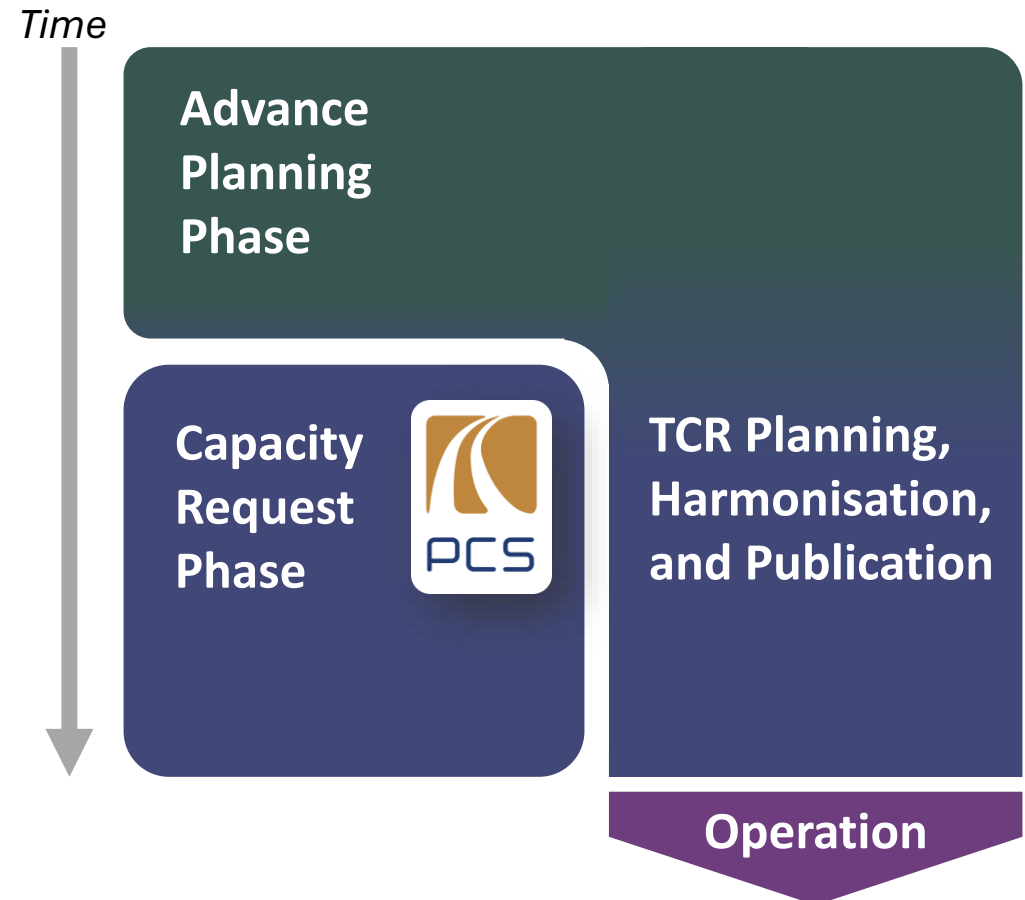
ensure connectivity, speed, and universal access

TAF/ TAP TSI

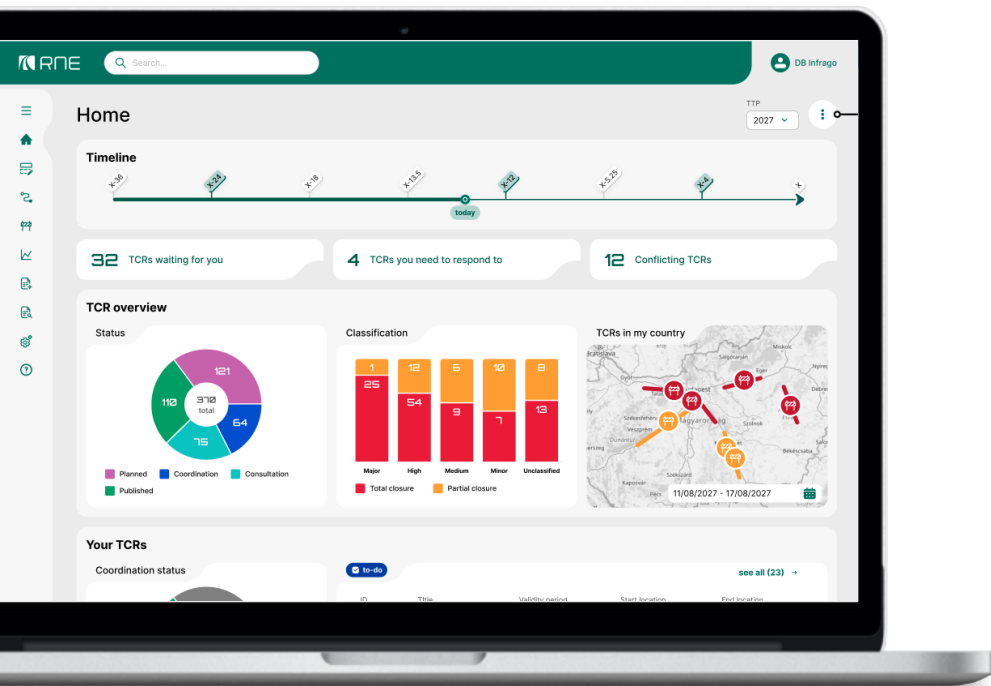
as the “common language” to establish a connected European network of systems

DCM Components Overview

- The central tools act as platforms for harmonized planning and allocation, respectively.
- Each phase has a corresponding central platform:
 - The **Capacity Planning Tool (CPT)** is used for Advance Capacity Planning and Temporary Capacity Restrictions;
 - The **Path Coordination System (PCS)** is used for requesting and allocation.



DCM Components Overview: RNE Capacity Planning Tool



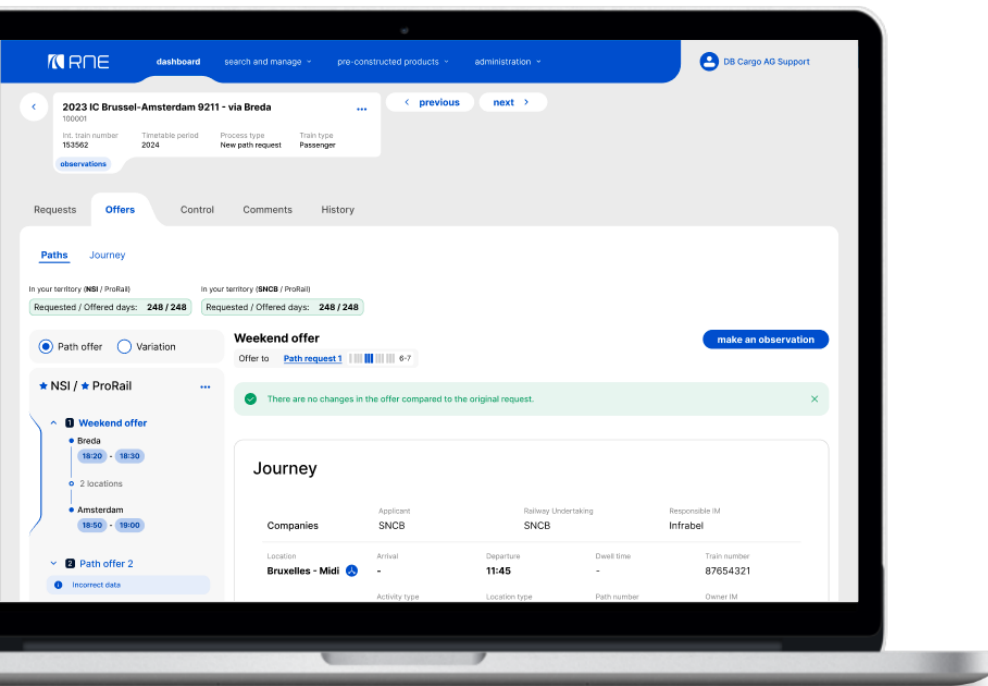
Temporary Capacity Restrictions – harmonized planning, coordination, and publication of Temporary Capacity Restrictions.

Capacity Models – for planning, harmonization, and consultation of cross-border capacity.

Capacity Supply – pre-planned coordinated paths, eventually bookable via the Path Coordination System.

Available **mid-2026**.

DCM Components Overview: RNE Path Coordination System



Providing harmonization workflows for **coordinated path requesting and allocation** for the Annual Timetable.

It should be possible to plan and allocate **all cross-border trains** through the Path Coordination System.

Gradual support for **all booking process types** throughout 2026-2030.

Latest version already live since November 2025.

Regulatory drivers

Capacity Regulation

- Creates ENIM as the decision-making body of infrastructure managers
- Turns capacity planning, capacity allocation, and traffic management into one regulated European process
- Introduces a Network Coordinator for coordination of cross-border processes

Telematics TSI

- Harmonized messages, data model and reference data for the whole sector
- Common Interface as the sector's exchange mechanism
- Binding for infrastructure managers, railway undertakings, keepers and terminals

2026

Capacity Regulation adopted;
RNE prepares for the Network
Coordinator role

30 Sep 2027

Deadline for submitting the
Common Union API and Web UI
sector specifications to ERA

2028–2030

Provisions phase in – capacity
strategies, models and supply
take shape

Dec 2030

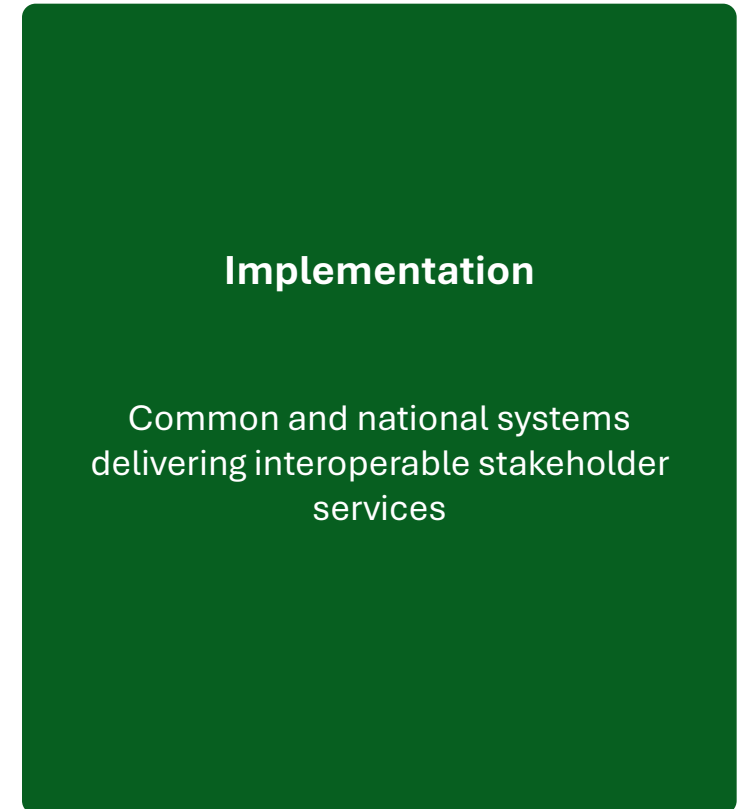
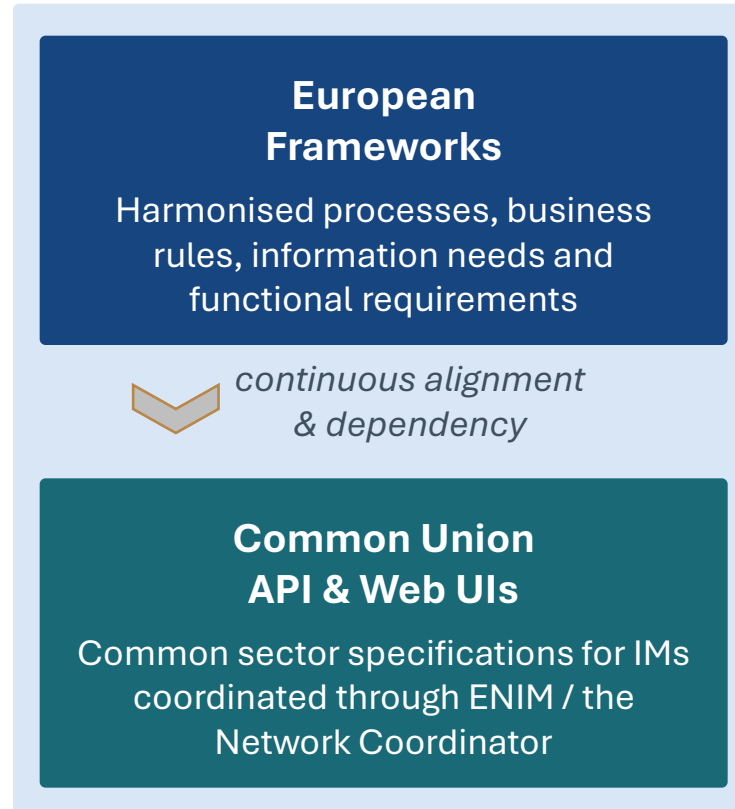
TT 2031 operative – the first
timetable fully prepared under
the new framework

From Regulation to Interoperable Digital Services

Workstream 1 — the what: process, roles and business requirements



Workstream 2 — the how: technical interoperability standards



Core principle Business and legal requirements lead. Technical specifications and systems enable harmonised and interoperable implementation.

From cooperation islands to a European platform

Isolated cooperation islands

National systems and bilateral arrangements, with RNE acting as a service provider.



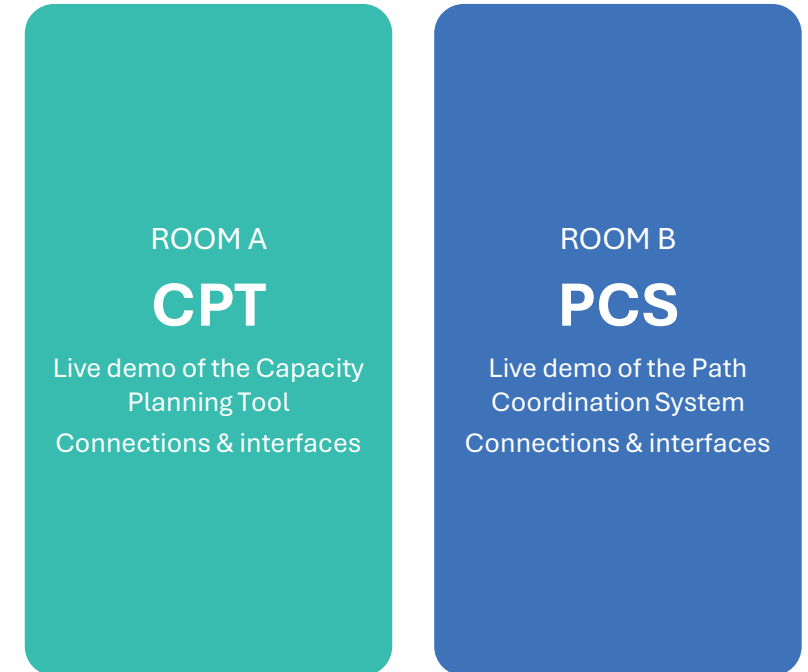
One European platform

Planning, allocation and traffic management as one federated European process, with RNE as the connector.

Same members. Same national systems. One European platform.

Workflow relevant to Applicants: Breakout rooms

- **Room A: CPT** (Capacity Planning Tool) – including interfaces
- **Room B: PCS** (Path Coordination System) – including interfaces
- **Only one room can be joined, as both run at the same time – sessions are recorded for later viewing**



BREAK

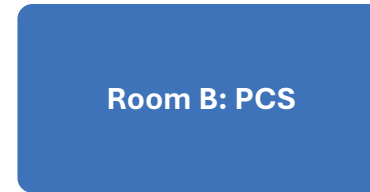
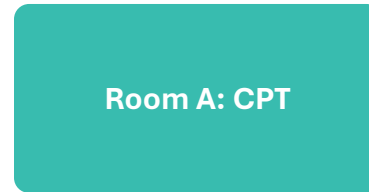
Break
Until 15:30

Workflow relevant to Applicants: Recaps



Tünde Lamberg

CM IT Manager



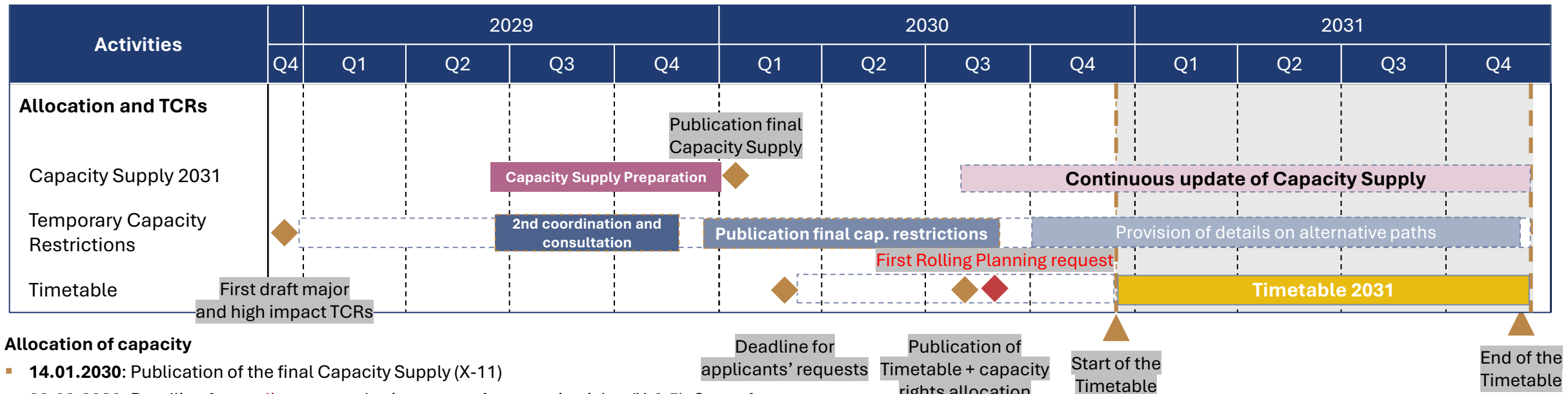
Thomas Raney

CM IT Manager

Timeline of Strategic Capacity Planning for TT 2031



Timeline of Allocation of capacity and TCRs for TT 2031



Allocation of capacity

- 14.01.2030: Publication of the final Capacity Supply (X-11)
- 28.02.2030: Deadline for **applicants** to submit requests for capacity rights (X-9.5). Start of late capacity requests
- 30.04.2030: Preparation of draft working timetable; deadline for IMs to submit draft capacity offer to **applicants** (x-7.5)
- 31.05.2030: Finalisation of consultation with **applicants** (x-6-5)
- 01.07.2030: Deadline for IMs to submit final capacity offer to **applicants** (X-5.5)
- 08.07.2030: Publication of working timetable; Deadline for IMs to allocate capacity rights to **applicants** (X-5.25)
- 15.08.2030: First submission of Rolling Planning request
- 15.12.2030: start of the Timetable 2031

Temporary Capacity Restriction – annual timetable timeline*

- 15.12.2028: Finalisation first coordination and consultation and publication of draft capacity restrictions (X-24)
- 15.06.2029 & 31.10.2029¹: Finalisation of second coordination and consultation on capacity restrictions with impact on more than one network (X-18/X-13.5)
- 15.12.2029 & 15.08.2030²: Publication of final capacity restrictions (X-12/X-4)

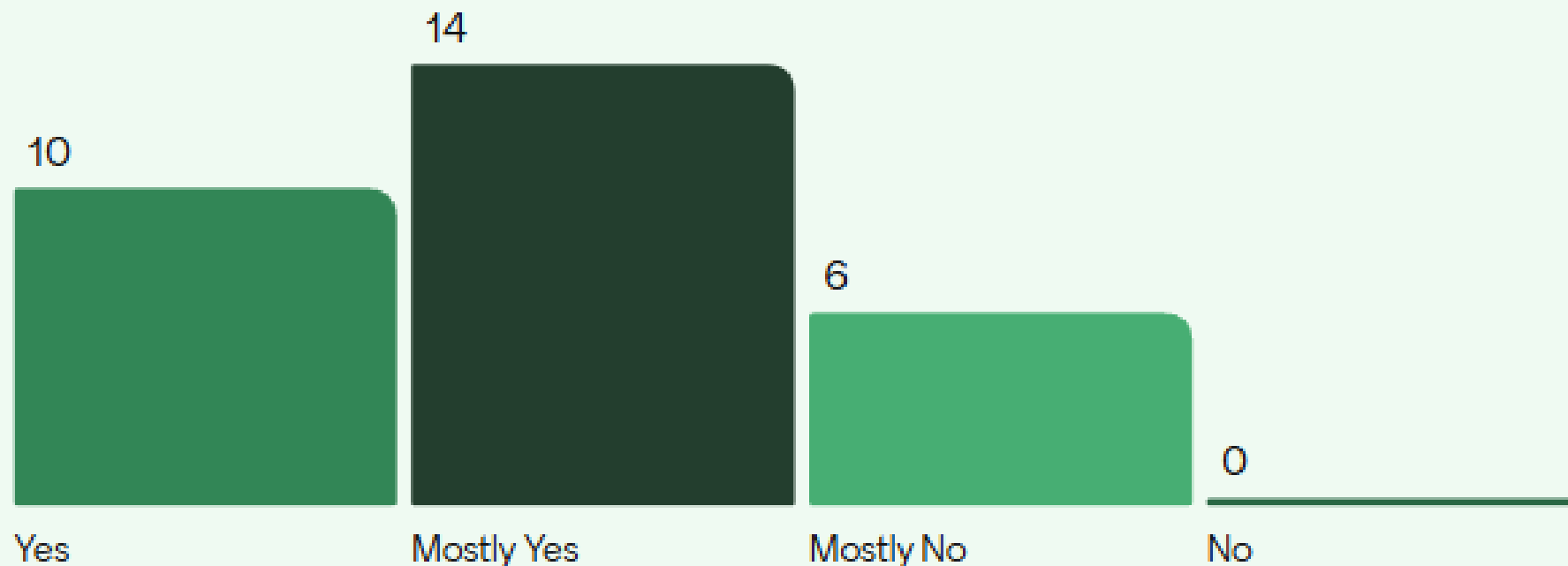
¹for high-medium impact
²for low impact capacity restrictions

Q&A



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Did the DCM Webinar match your expectations?



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What remains unclear?

reliability and consultat
technical session how pcs and cpt connect
if it fails what to do business cases start end
added value of cpt impact of ocr on dcm
cyber security accessing apis contingency plan for it
data governance api -ci- integrations
impact of rinf on dcm overview of requirements
technical session api duality - jsg vs era
interfaces to cpt process in more detail
the financial impacts



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Next Steps

- **Single point of contact and support by Network Coordinator:**
 - **Central development and operation:** mario.toma@rne.eu (CPT), farkas.krasznai@rne.eu (PCS)
 - **National development and Common Interface:** daniil.papertnyy@rne.eu (CPT), thomas.raney@rne.eu (PCS), Nicolas.Jasinski@rne.eu (API)
 - **Implementation / piloting:** felix.beck@rne.eu (CPT), bence.jenoefi@rne.eu (PCS)
 - **Any other questions:** Andras.till@rne.eu (DCM) or josef.zitzler@rne.eu (Implementation)

Closing

Thank you for joining today!

Reach out to abcr@rne.eu with any follow-up questions!
Meeting recording will be uploaded to the RNE website.

Contact



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