Rail Baltica

Engineering services for preparation, procurement and supervision of energy subsystem deployment (ENE)

Meetings with interested suppliers

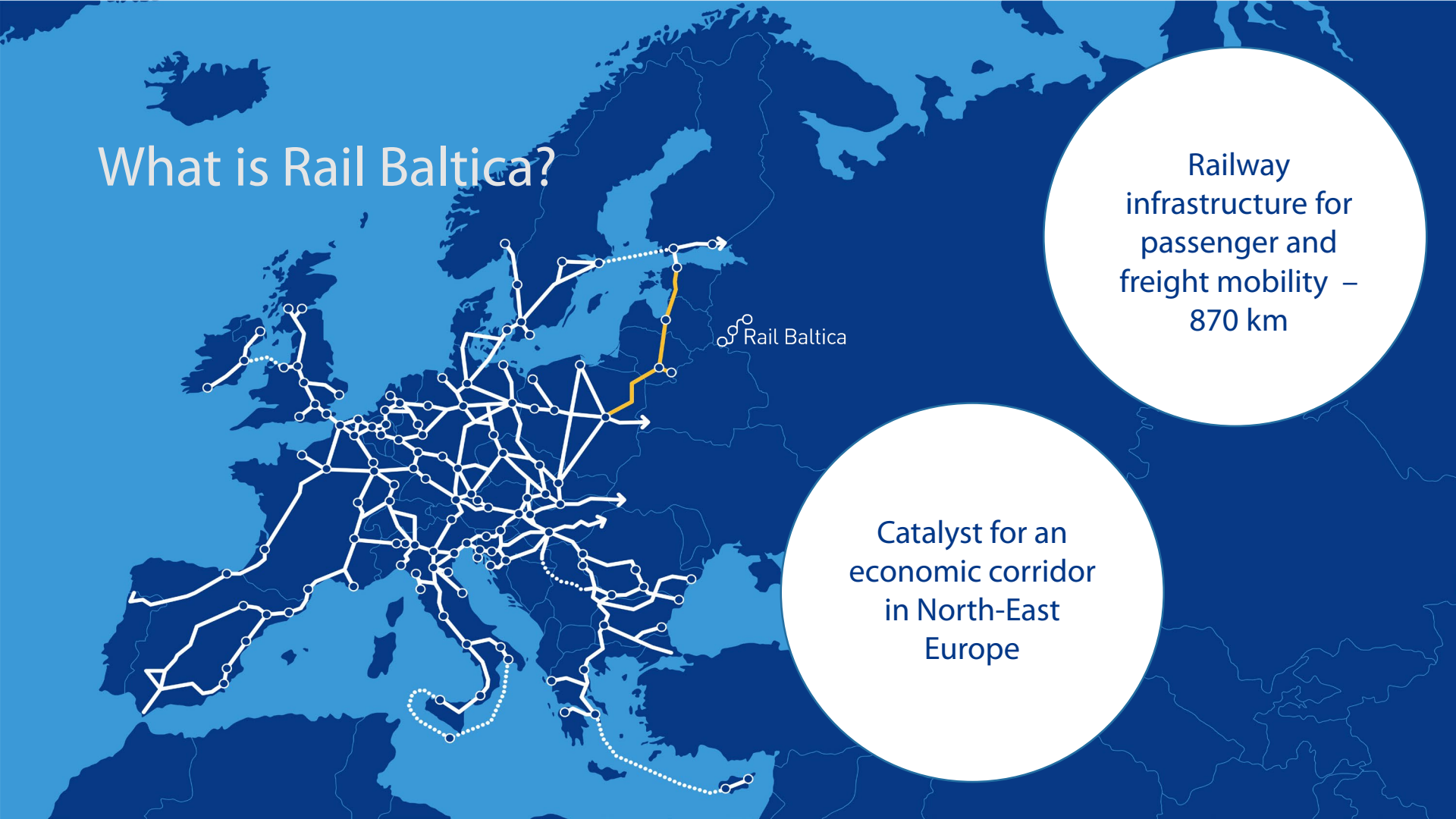
Co-financed by the European Union
Connecting Europe Facility

Rail Baltica

• Agenda

1. Introduction to the Rail Baltica project (10 min.)
2. Information on the Rail Baltica project ENE Engineering services (5 min.)
3. Q&A session:
   - RB Rail AS questions to suppliers / supplier answers (30 min.);
   - Supplier questions / RB Rail AS answers (30 min.).
4. Other (15 min.)

What is Rail Baltica?



Railway infrastructure for passenger and freight mobility – 870 km

Catalyst for an economic corridor in North-East Europe

Rail Baltica Global Project technical parameters

Common Design guidelines

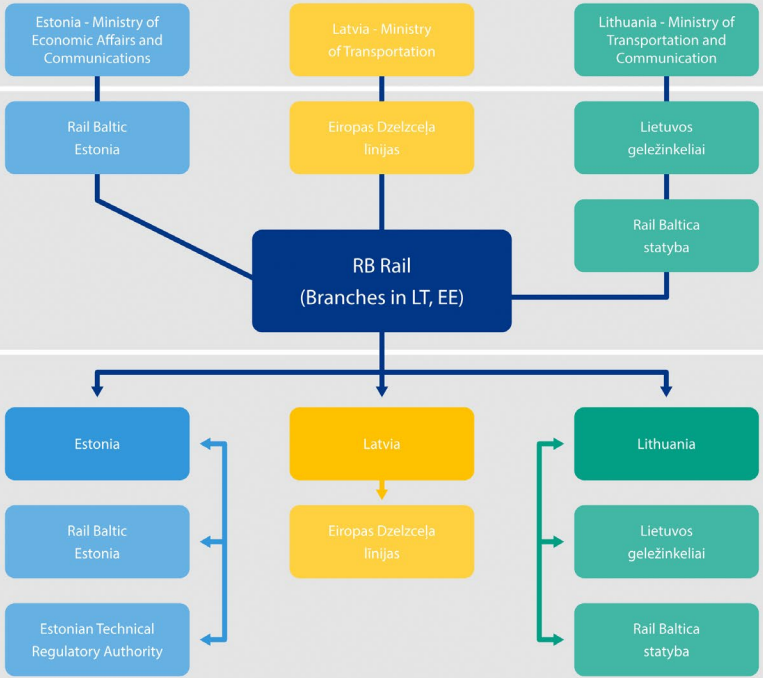
Total Line Length	870 km of which: • 213 km in Estonia • 265 km in Latvia • 392 km in Lithuania
Design Speed	• 249 km/h for passenger trains • 120 km/h for freight trains
Standard Gauge	1435 mm
Double-track Electrifed	2x25kVAC
Axle Load	25 t
Traffic Management	ERTMS L2
Max. Freight Train Lenght	1050 m

Rail Baltica

Intermodality/Multimodality of Rail Baltica

- 7 railway passenger stations with potential regional stations
- 3 multimodal terminals
- Connections to airports and sea ports

PROJECT IMPLEMENTERS



Beneficiaries – three ministries

RB Rail shareholders

Central project coordinator

National implementing bodies

PROCUREMENT SPLIT

RB Rail

- Studies
- Design
- Common Standards
- Business Development
- Marketing & Branding

Consolidated

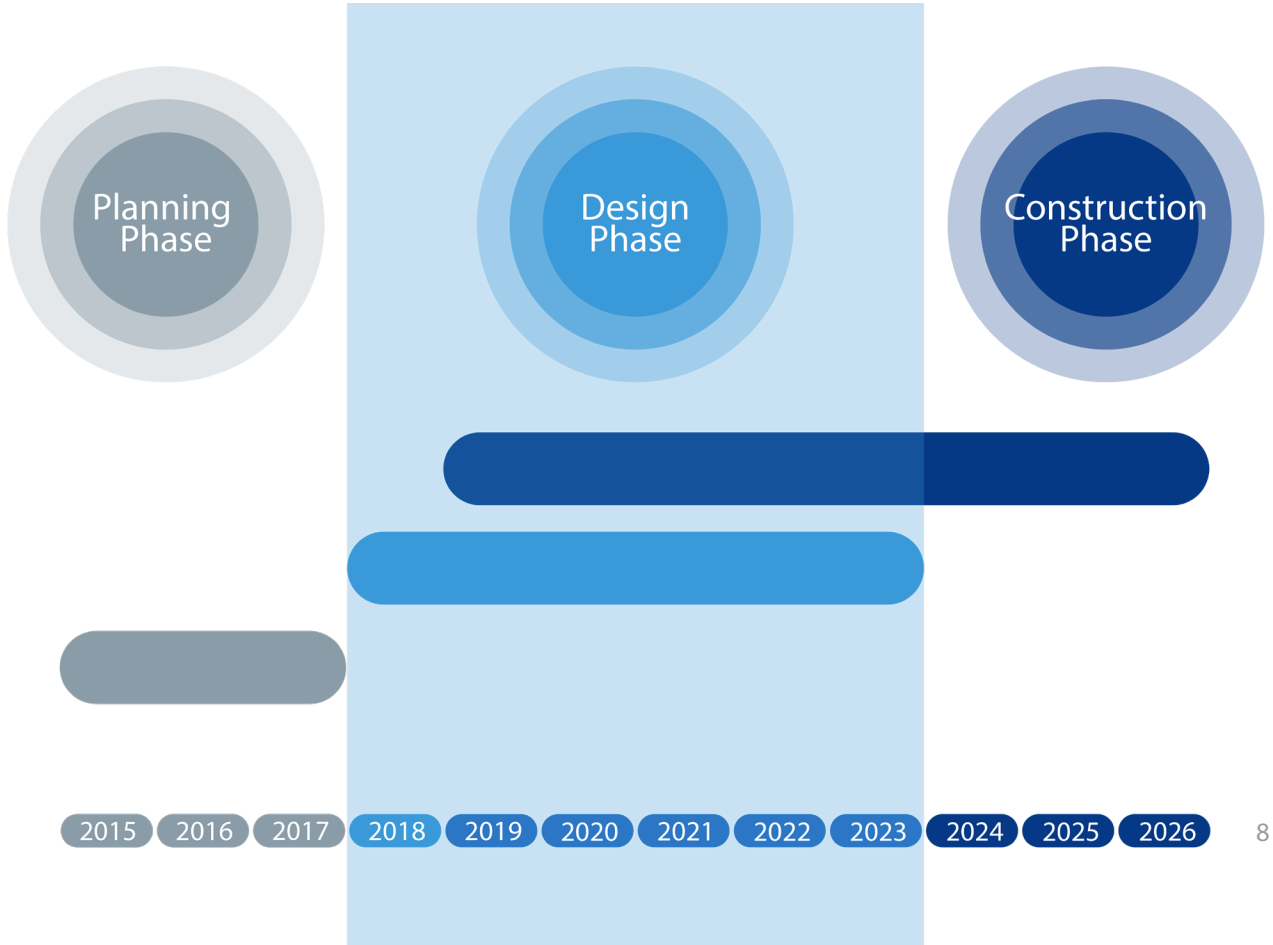
- **Sub-systems (CCS & ENE)**
- Raw Materials and Key Components
- Cross-border Track Sections

Supervised national

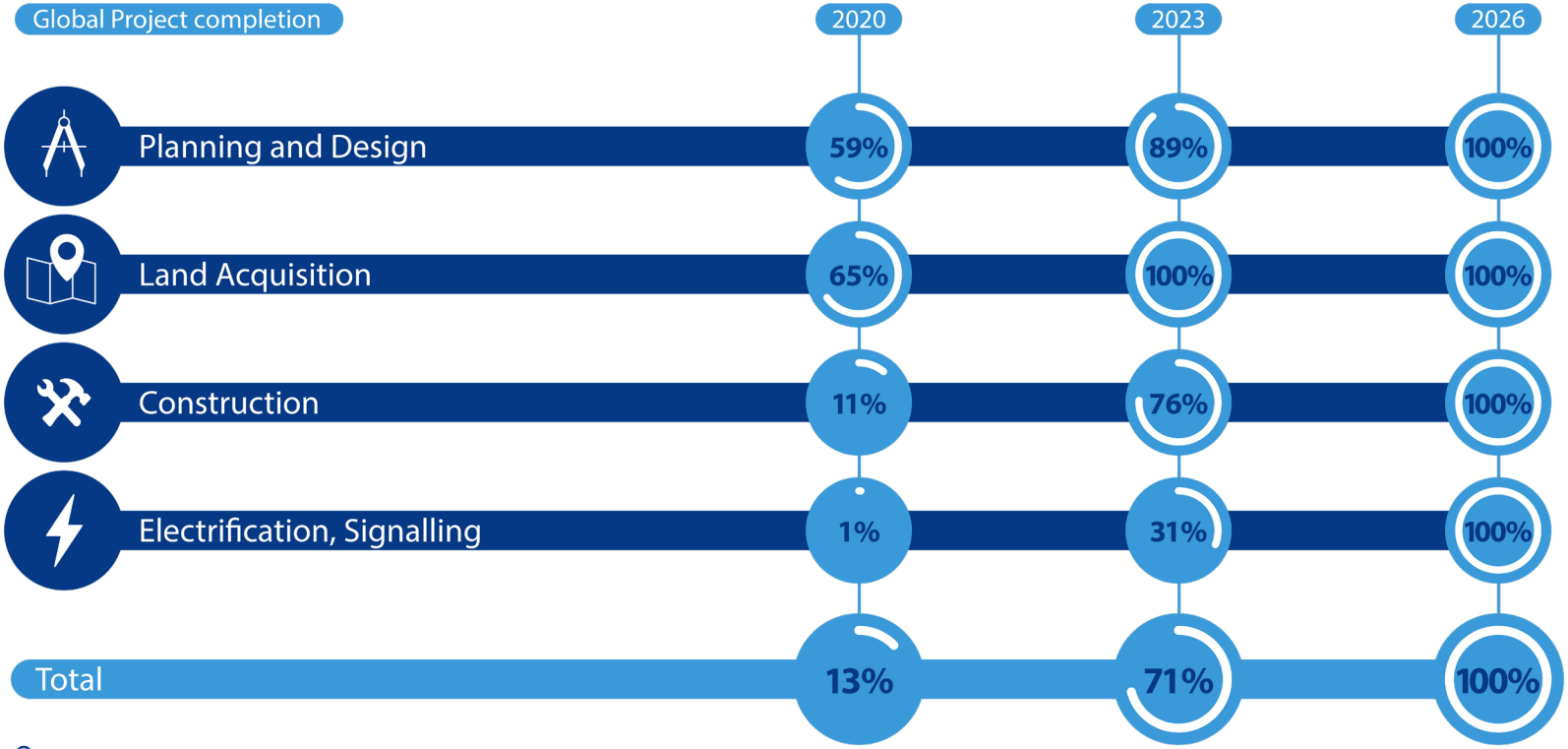
- Track Construction
- Major Engineering Structures
- Local Facilities (including terminals)

Rail Baltica

Project Timeline



Rail Baltica Project implementation



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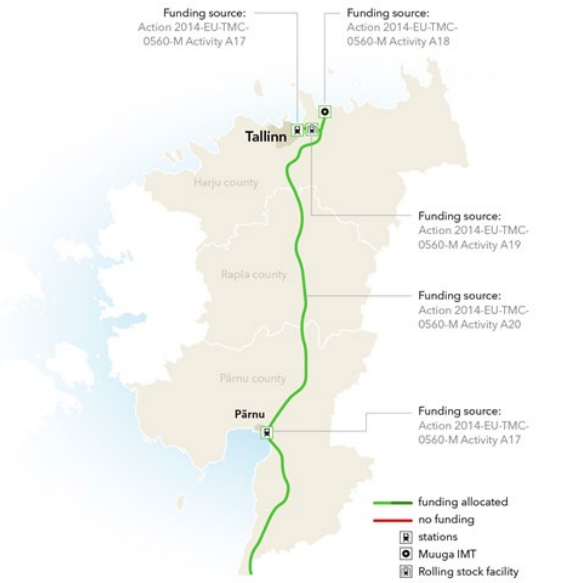
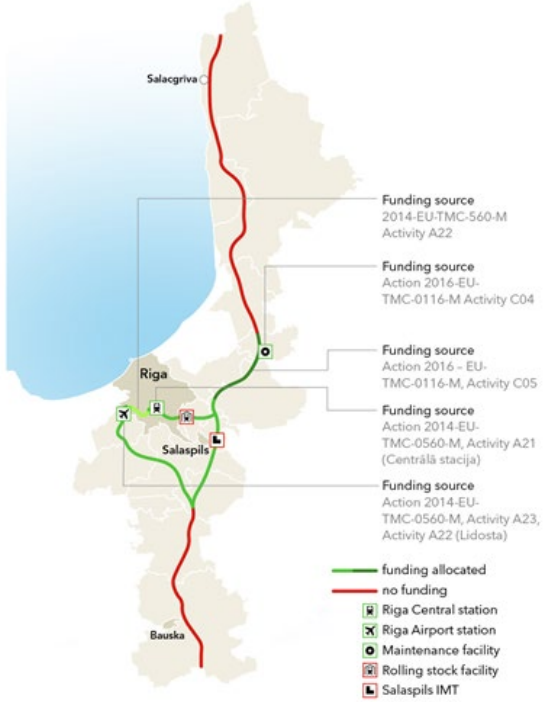
DESIGN PROGRESS





Rail Baltica

General scope of ENE Engineering service

Preparation for design / procurement

- Dimensioning study
- Preparation for the design/construction procurement processes
- Assistance during design/construction procurement processes

Design supervision

- Design process supervision (FIDIC Engineer)

Construction supervision

- Construction process supervision (FIDIC Engineer)
- Commissioning process supervision
- Defect notification process supervision

Objective of ENE Engineering service

- To ensure the identification and deployment of economically optimized energy subsystem solution (from the Life Cycle Costs point of view) for the railway operation needs and maximizing environmental benefits,
- Supervision of the design/construction in order to ensure that an economically optimized energy subsystem solution is deployed for Rail Baltica Global project.

ENE Engineering service procurement planning

- Q4 2019 – deployment strategy established
- Q1 2020 – procurement first-phase (for qualification) launched
- Q3 2020 – procurement second-phase (for bidding) launched
- Q3 2020 – Contract signed

NB! Dates are indicative and subject of revision

Expectations from the meetings with the Suppliers

- To understand market **readiness** to provide services
- To understand market **expectations** towards high quality service provision
- To understand market **limitations** to take a part in the procurement process
- To understand market **concern / risks** for successulf service provision
- To **share** the possible ways to mitigate the risks

Q&A session

- RB Rail AS questions to suppliers / supplier answers;
- Supplier questions / RB Rail AS answers.


Rail Baltica
PALDIES!
THANK YOU!
AITÄH!
AČIŪ!
KIITOS!
DANKE!
MERCI!
DZIĘKUJĘ!