



Critical path and next steps in project planning

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CTO

Global Forum, 2019



Co-financed by the European Union
Connecting Europe Facility

Missing Link in European Rail Network



4 Nations – One Railway

Major complexity

- Highly complex Project Management - plenty of stakeholders
- Major complexity in financing – inflexible mix of cohesion funds and state budgets
- Delayed benefits – investments needed far before achieving the actual benefits



Great opportunities

- Easy to build - greenfield with flat land and largely inhabited areas
- Innovation – Baltic nations generally open for new ideas
- Brainpower - excitement for engineers to contribute
- Environmental gains - are highly valued by population
- Strong support from EU

How do we implement Rail Baltica?

Organization and Governance

- Strong international core team in-house, close partnerships to deliver
- Prioritize according to Critical Path

Technology and Innovation

- Digital Rail Baltica: Simplify, Standardize, Visualize, Automate
- Leading Edge, but AVOID the „Bleeding Edge“

Values and Core processes

- Clear Vision, Do it Together, Trust each other
- Change/Interface/Risk Management



Clean and Safe

- Safety is a paramount. No one should get hurt on Rail Baltica
- Minimal environmental footprint. Thorough studies and environmentally friendly technologies to minimize the impact

Project Timeline by Phases

Planning

Design

Construction

Commissioning



Project Critical Path – Design Phase

Design

2019

2020

2021

2022

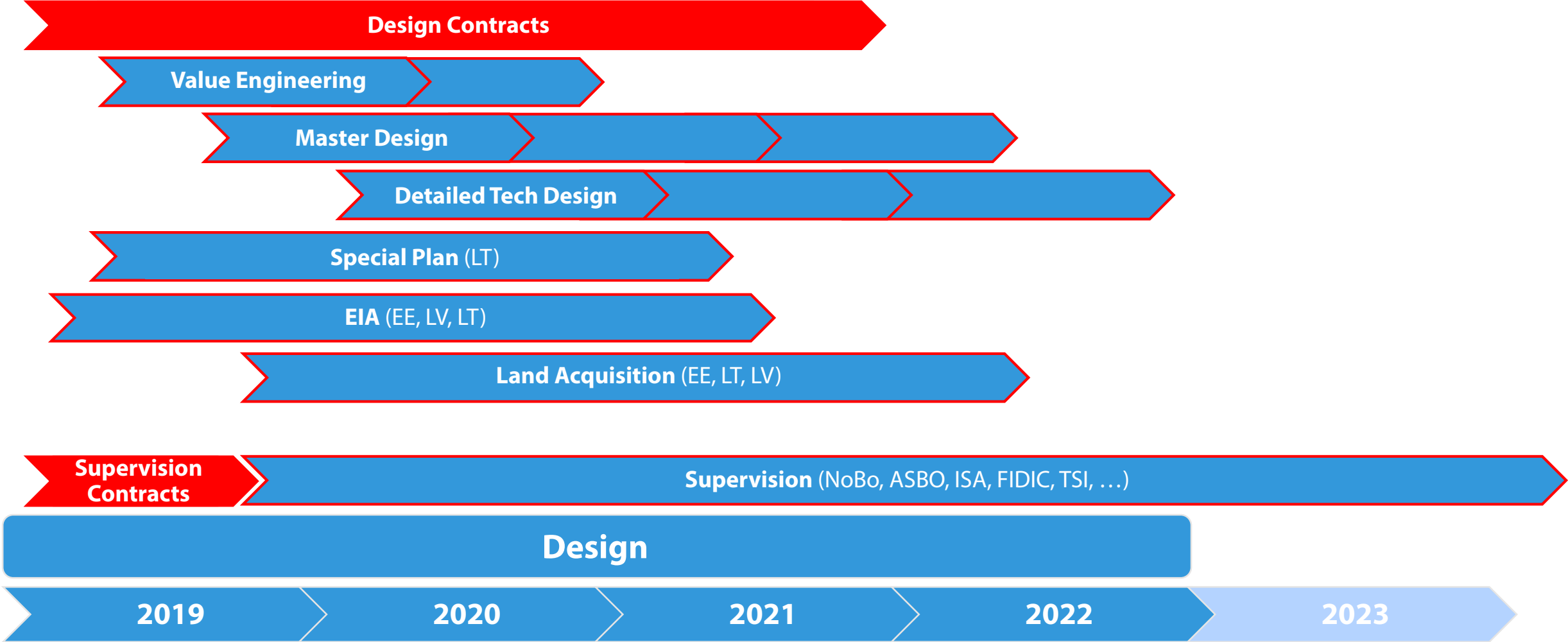
2023

2024

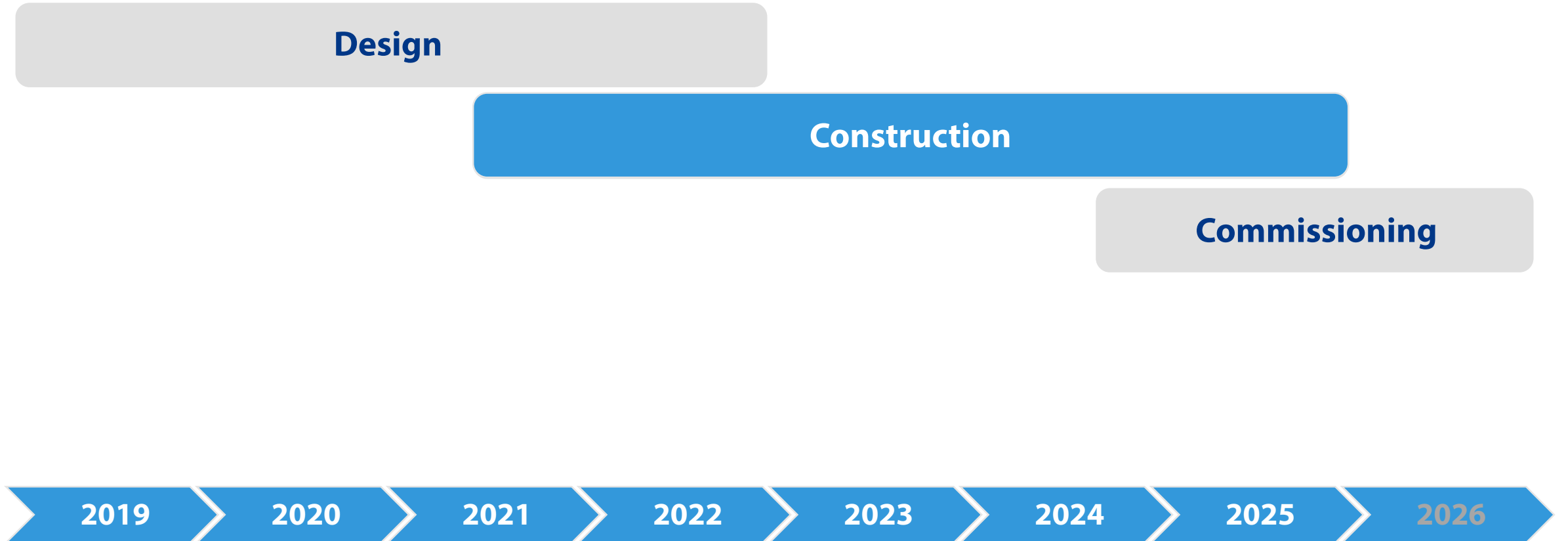
2025

2026

Project Critical Path – Design Phase



Project **Critical Path** – Construction Phase



Project **Critical Path** – Construction Phase

Construction



Project **Critical Path** – Construction Phase

Construction Procurement

Construction Materials Procurement

Sub and Structure Construction

Superstructure Construction

Stations Construction

Freight Terminals Construction

Depo and Maintenance Facilities Construction

Design and Deployment of Systems, Signalling, Electrification

Supervision (NoBo, ASBO, ISA, FIDIC, TSI, ...)

Construction

2020

2021

2022

2023

2024

2025

2026

Project **Critical Path** – Commissioning Phase

Design

Construction

Commissioning

2019

2020

2021

2022

2023

2024

2025

2026

Project **Critical Path** – Commissioning Phase

Commissioning

2019

2020

2021

2022

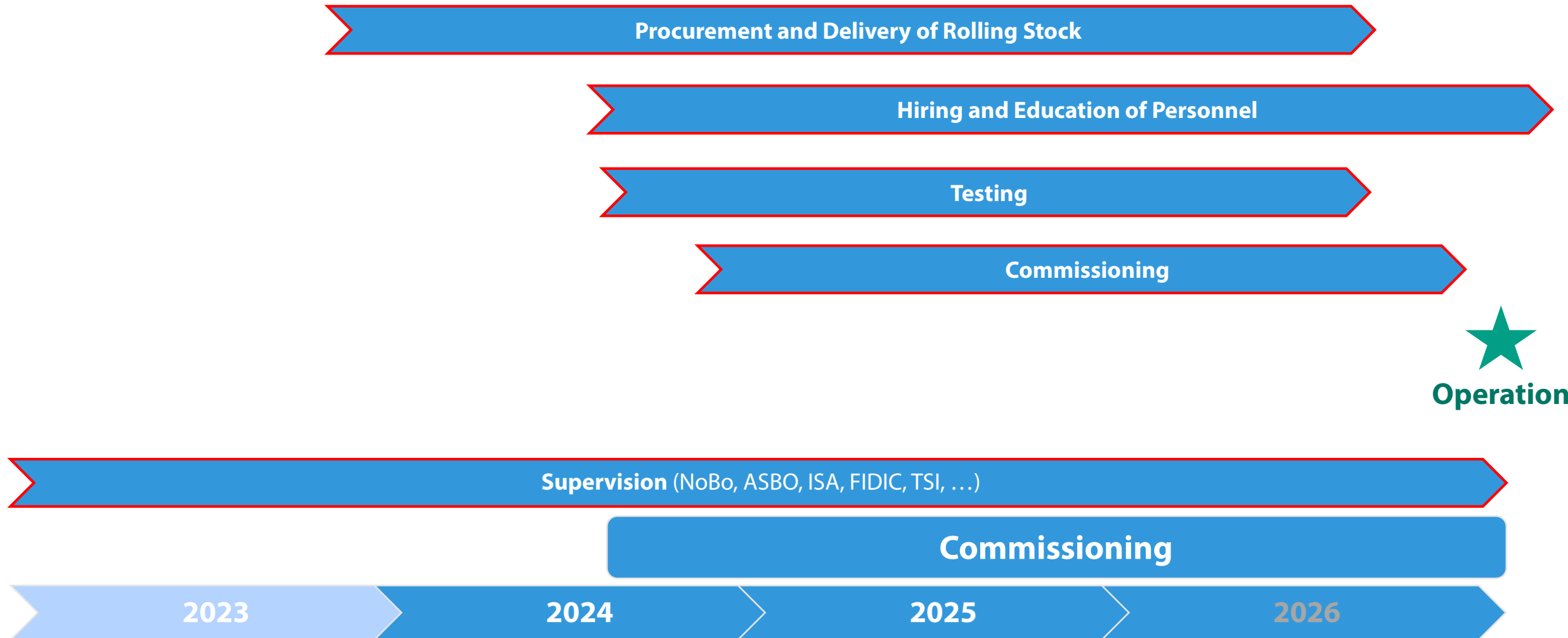
2023

2024

2025

2026

Project **Critical Path** – Commissioning Phase



Rail Baltica - Transforming the society



Thank you!