



RAIL BALTICA – A PLATFORM FOR DIGITALIZATION AND INNOVATION

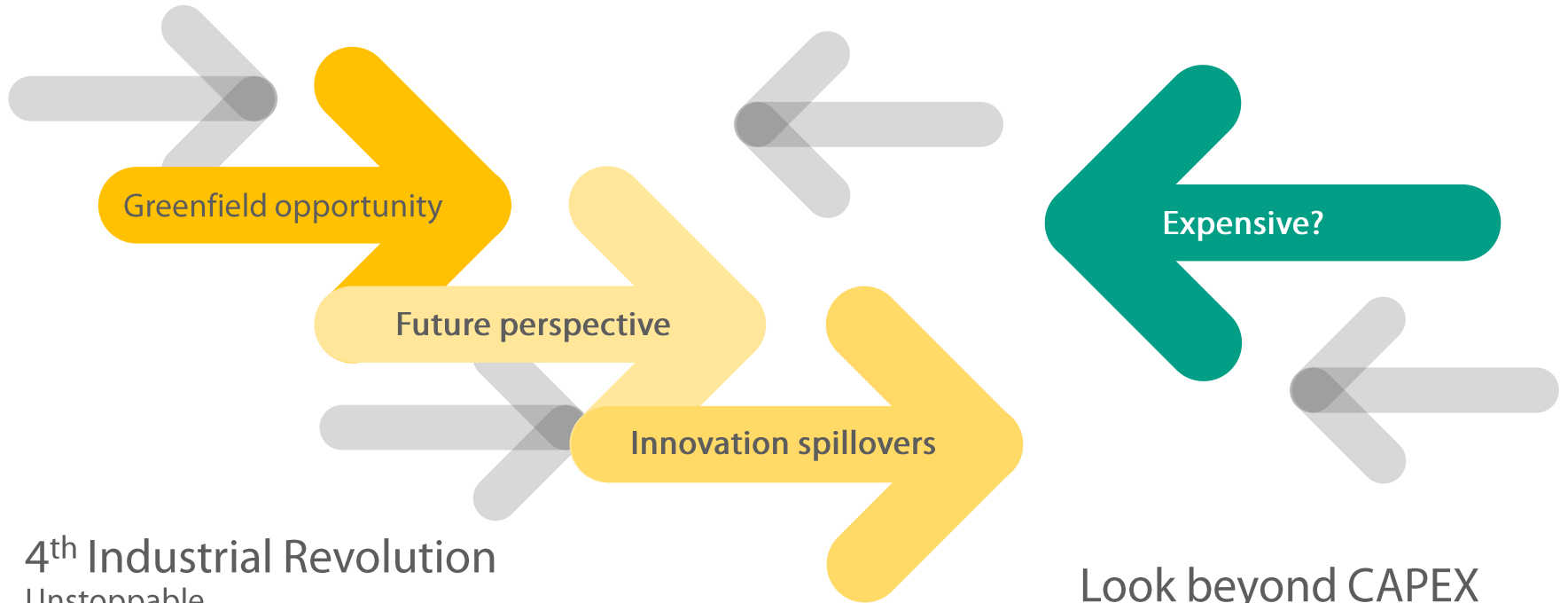
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Connecting Europe Facility

To digitalize or not to digitalize?



4th Industrial Revolution

Unstoppable
Uncompromising



Look beyond CAPEX

Life-cycle perspective
Wider economic impact

The Infinite Loop of Innovation

Smart project delivery

Innovative components (life-cycle)
BIM-based design & construction

Seamless PaxEx

Smooth intermodal mobility (no waiting | effortless planning)
Ticketing, baggage, safety/security, entertainment
Real-time trip-related information

Logistics 4.0

Just-in-time | reliability | visibility
Smart multimodal terminals
Automated operations



Smart maintenance

Condition-based maintenance
Sensors, cameras, Big Data

Innovation spillovers

Disruptive start-ups
Digital value chain
Catalytic effects of innovation

Smart management

ERTMS
GSM-R vs 5G
Capacity and asset management

Roadmap towards Innovation & Digitalization Guidelines

Rail Baltica digitalized

Q3



- ❖ Terms of Reference in cooperation with Shift2Rail
- ❖ Key stakeholders involved
- ❖ Tender Launched



- ❖ Study Completed
- ❖ Guidelines approved
- ❖ Full alignment with other processes (design, components, commercialization)



Q4

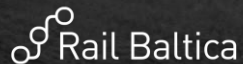


beyond

- ❖ Continuous innovation benchmarking
- ❖ Engagement of the start-up community
- ❖ Cooperation with research institutions

Contact us

RB Rail AS is a multi-national joint venture of the Republics of Estonia, Latvia and Lithuania, which has been established to implement Rail Baltica



[RailBalticaGlobalProject](#)



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