

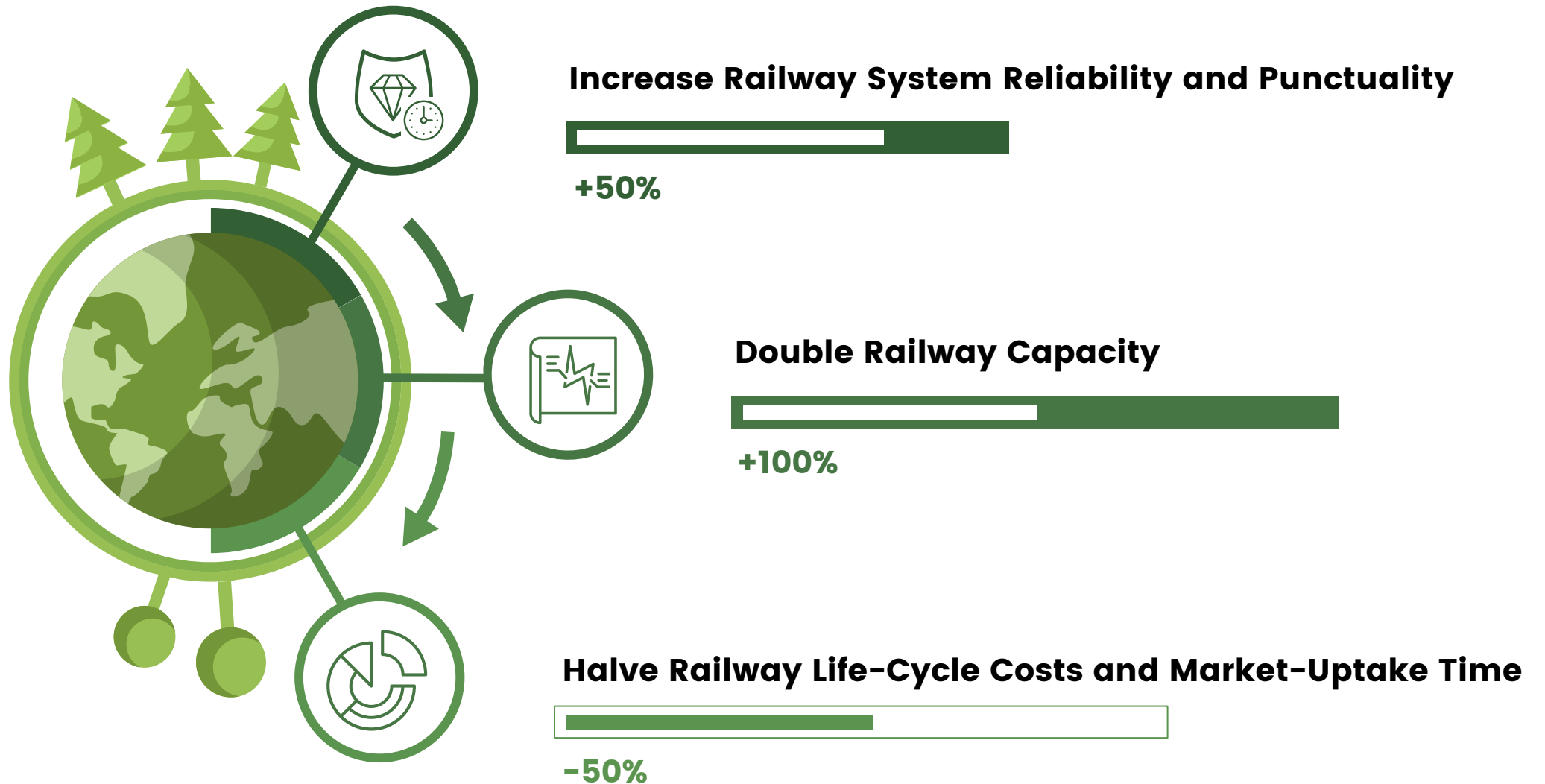


virtual  vehicle

Enabling Future Vehicle Technologies

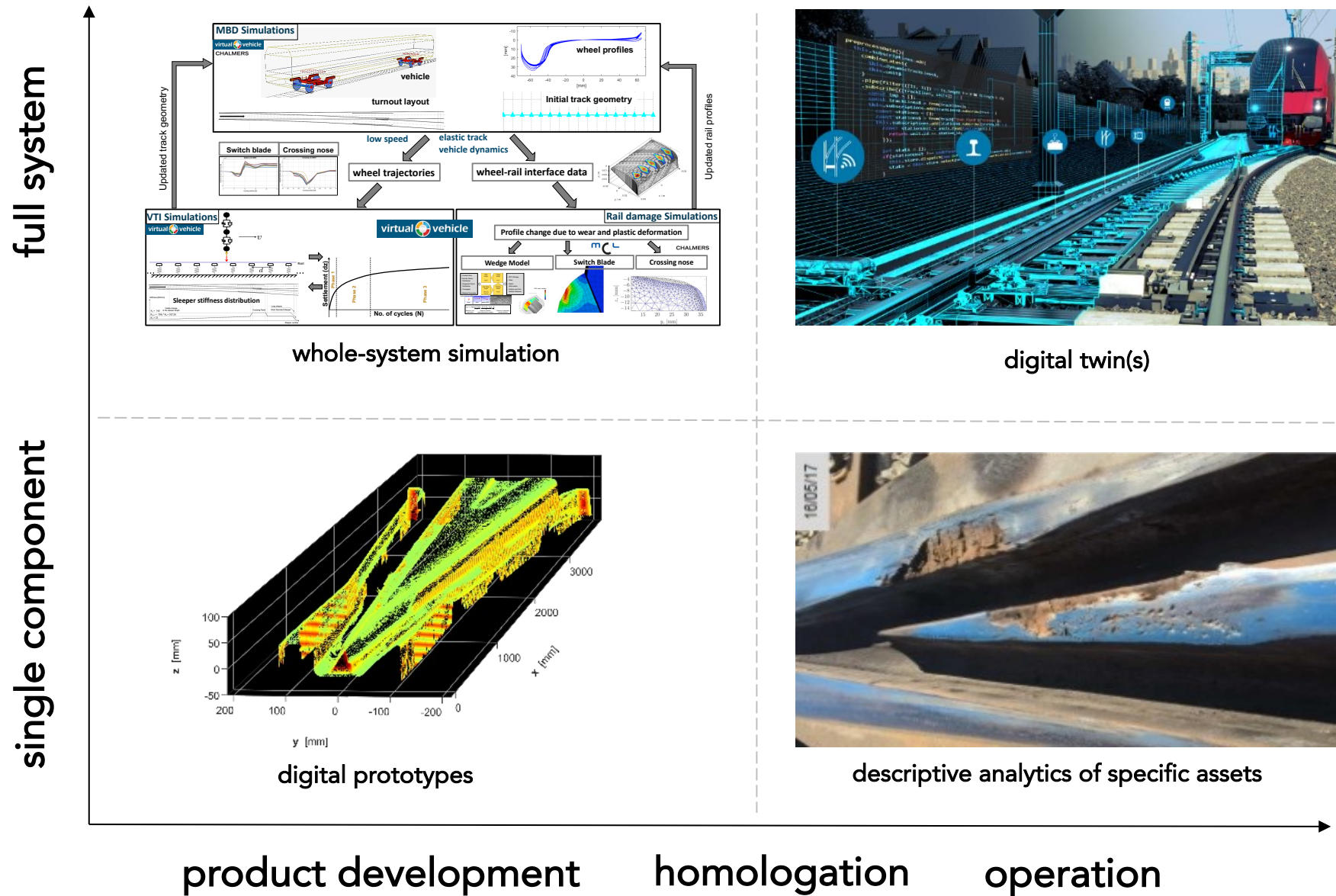
Railway Digital Twin, a distributed eco system

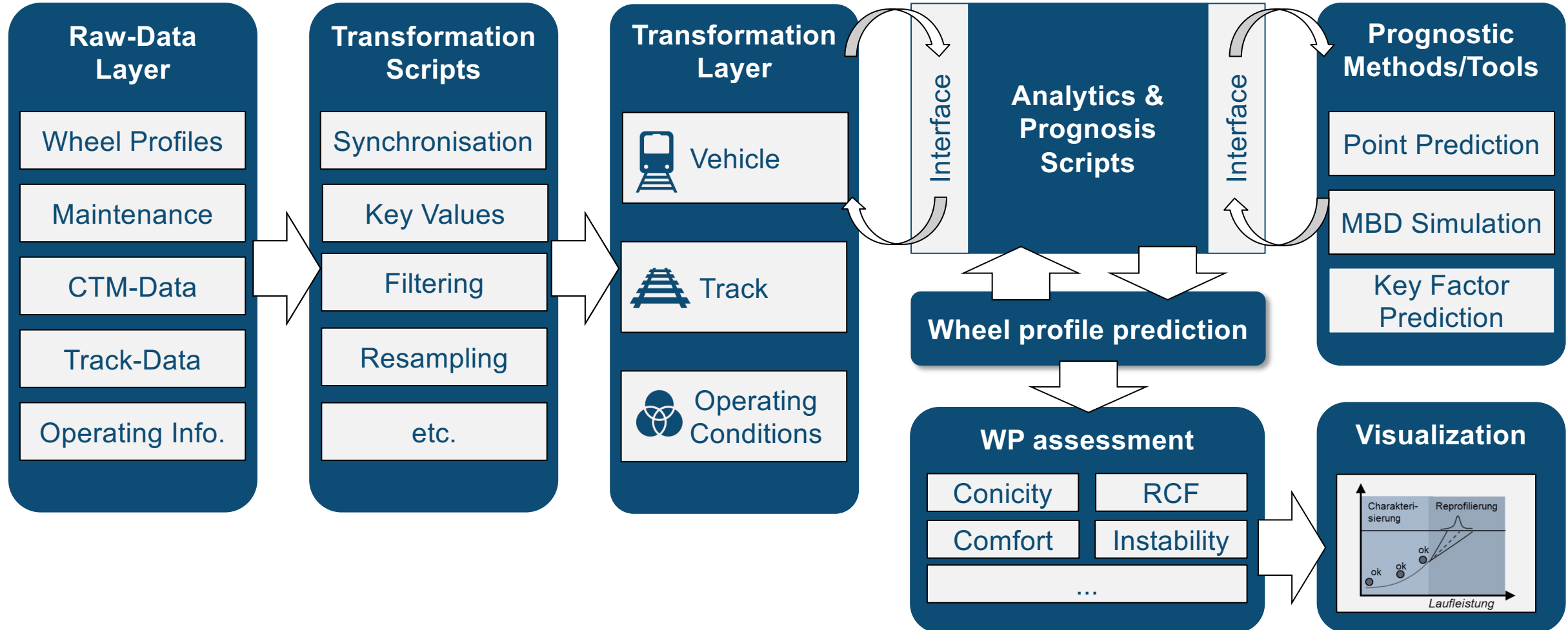
1. Forum Schiene, Graz
24. Jänner 2023

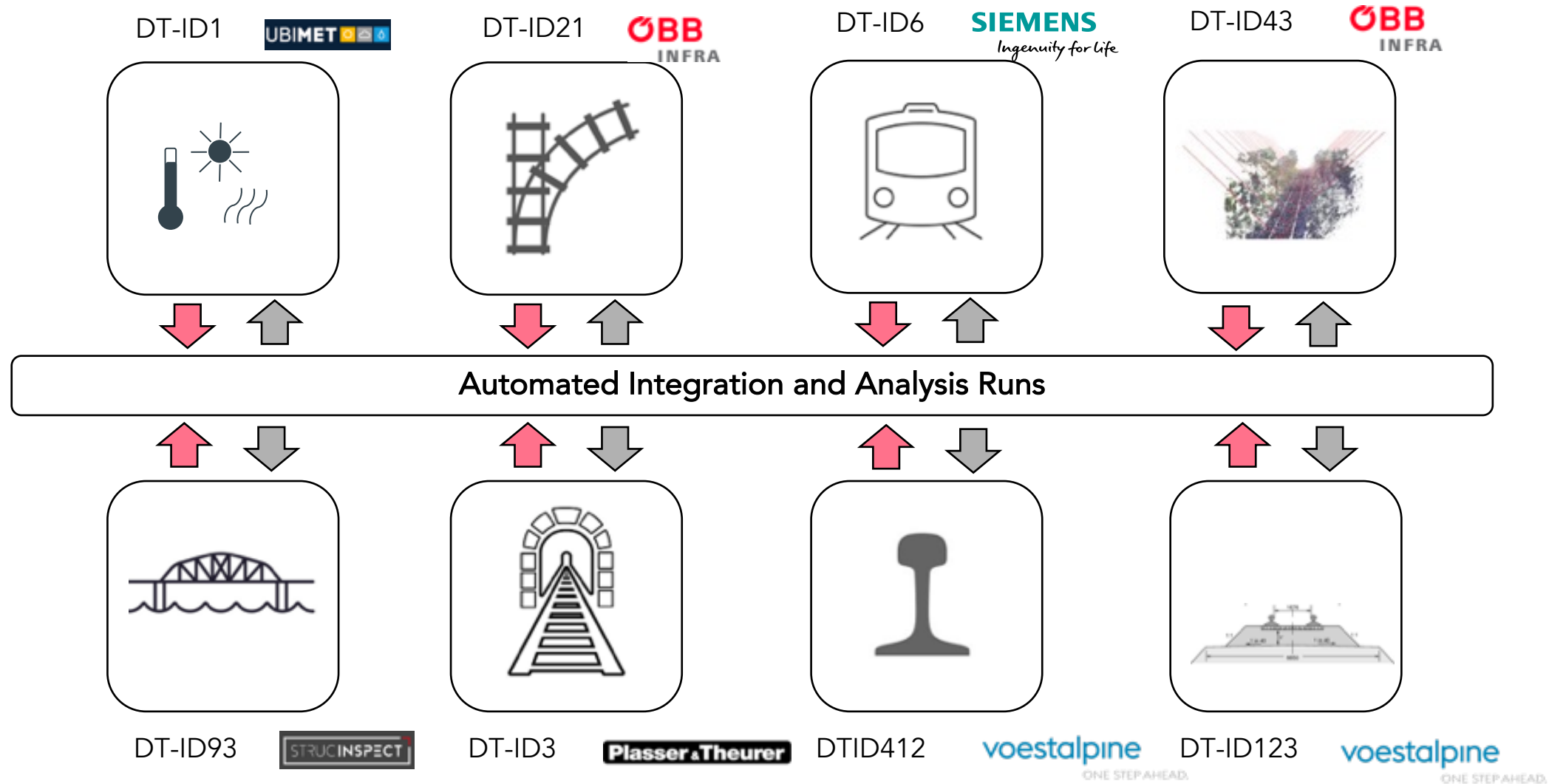




Capacity on rail tracks shall be made more accessible through digital technologies







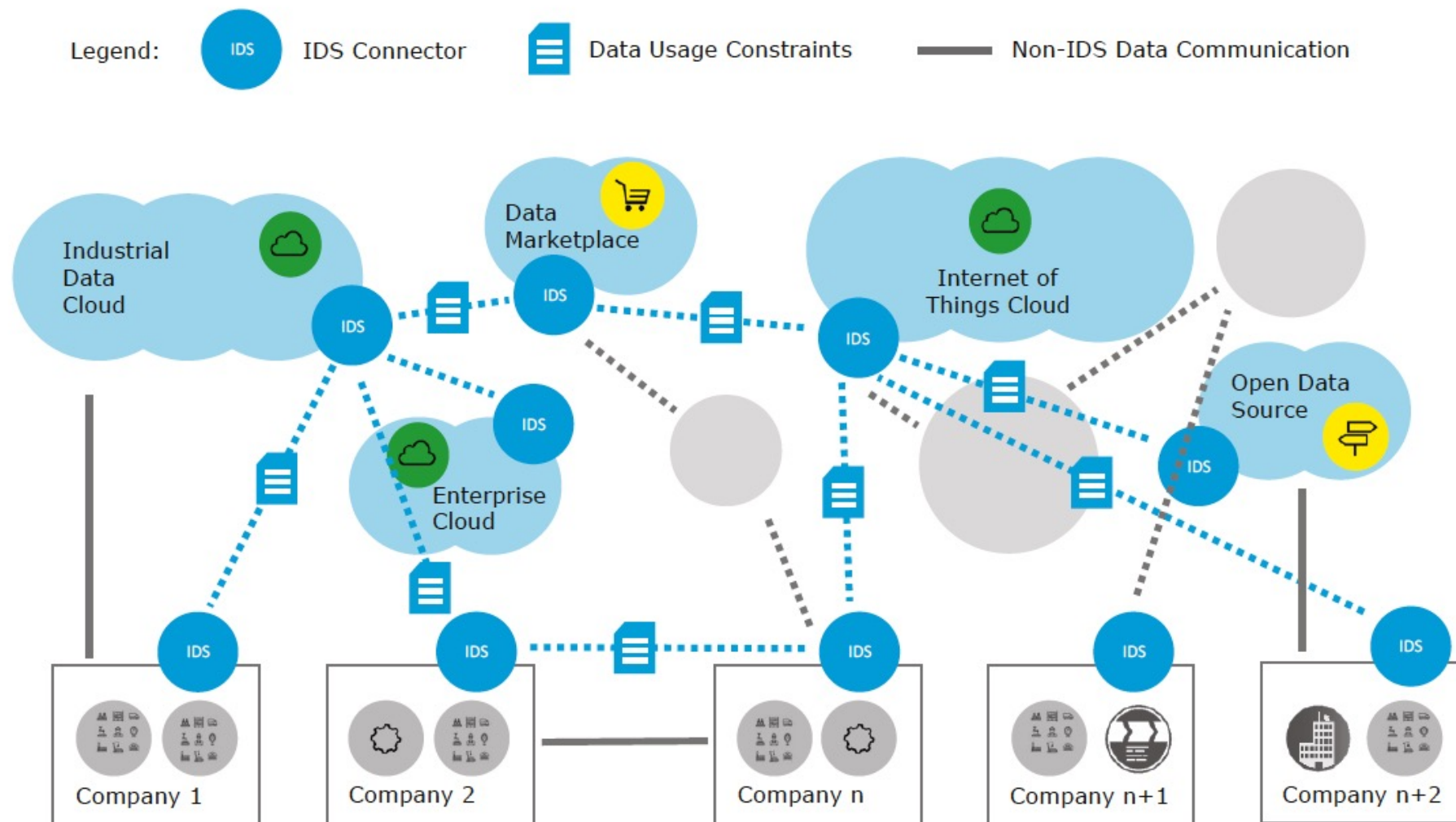
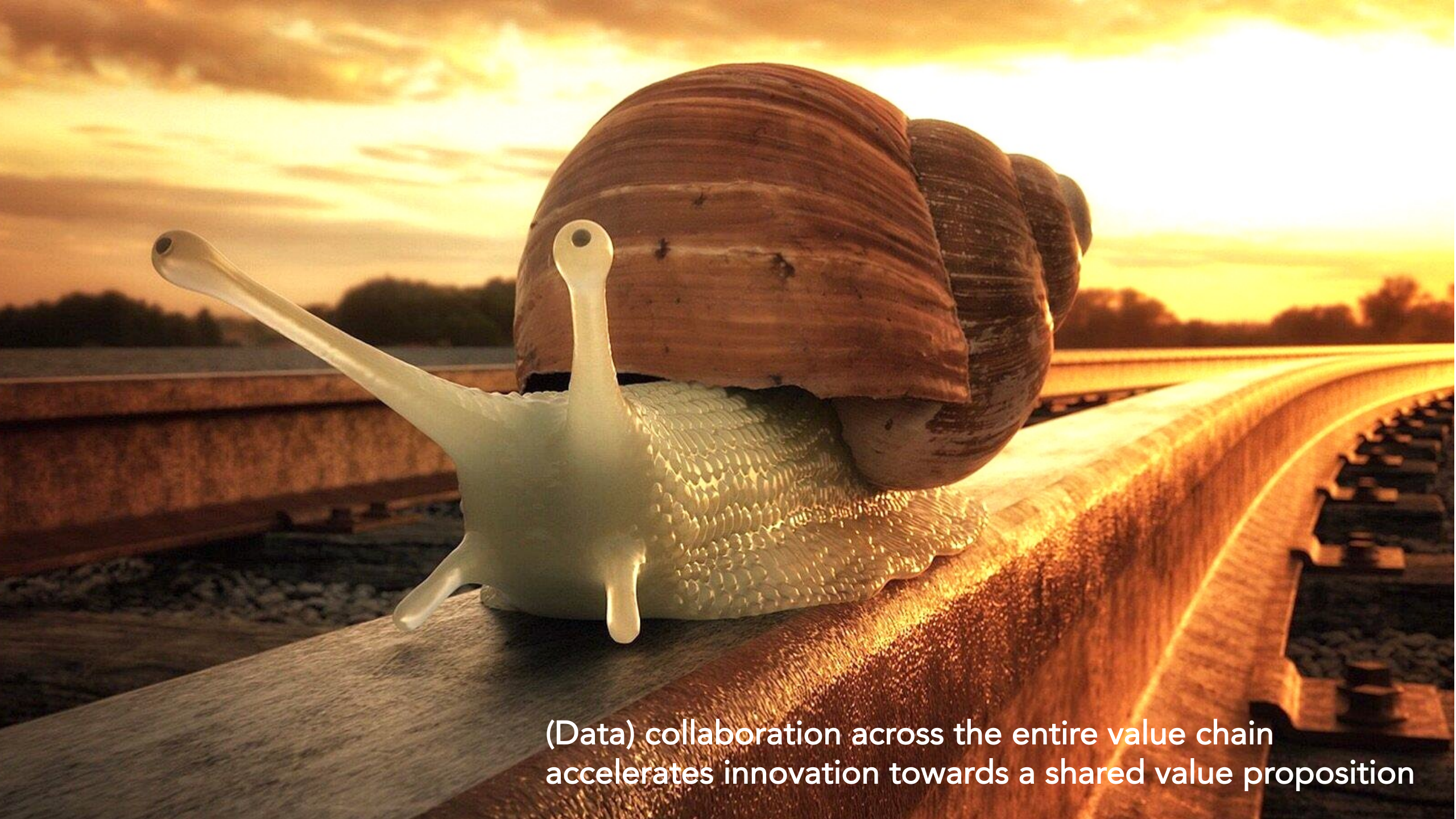
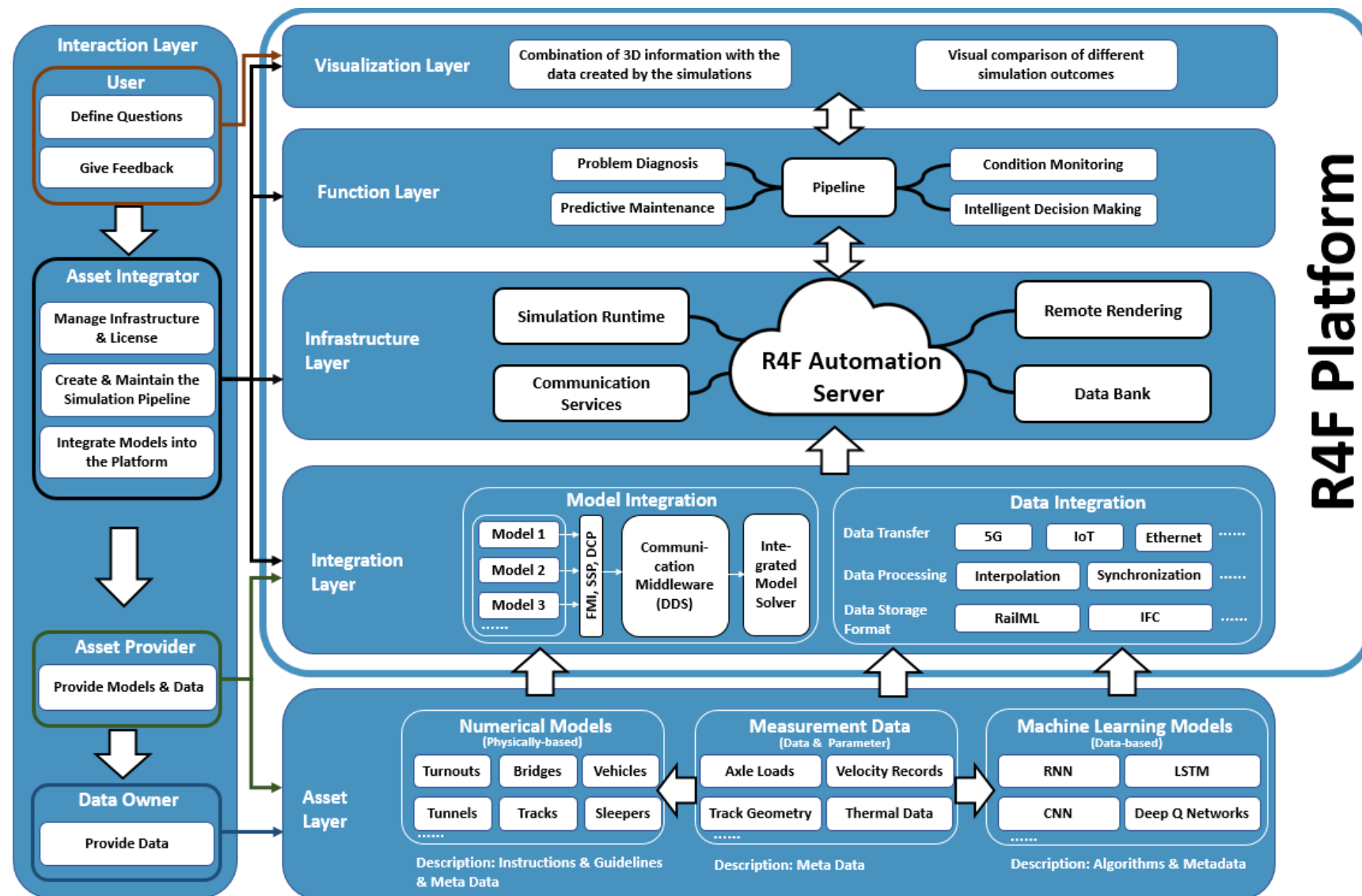
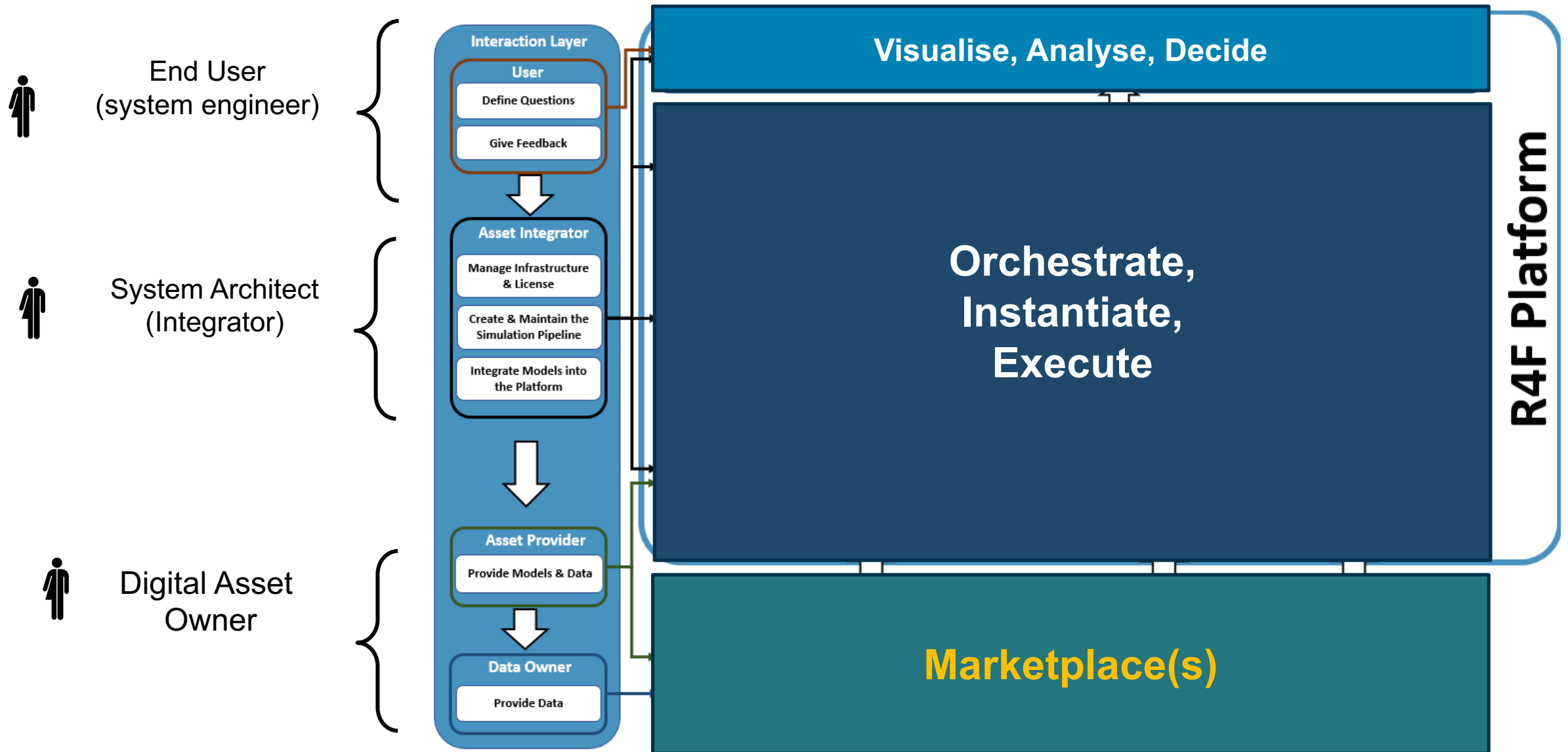


Figure 2.6: International Data Spaces connecting different cloud platforms



(Data) collaboration across the entire value chain
accelerates innovation towards a shared value proposition





Organizations attempting to collaborate
are blocked by risk, lack of trust, and
technical complexity.

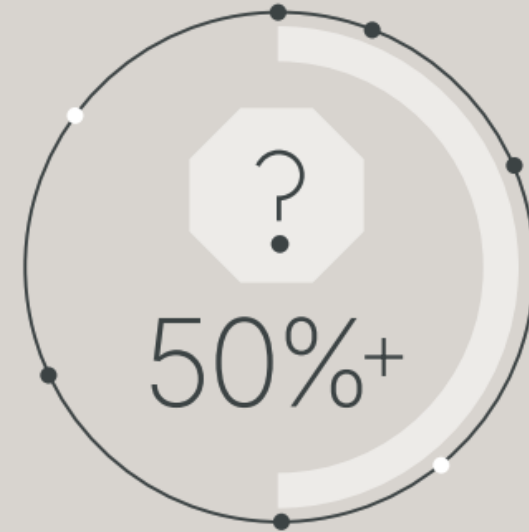




are citing intellectual property and sensitivity of data as top challenge

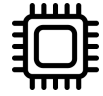


have a lack of trust in external data



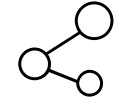
see technological complexities as bottleneck

Source: Capgemini, "Data sharing masters: How smart organizations use data ecosystems to gain an unbeatable competitive edge", 2021



Digital Assets

Digital Twins, Sensor data,
Algorithms, Scripts, ERP Data



Assets and Data Integration for exploration

Pull and transform
heterogenous data
into visible context and
valuable knowledge

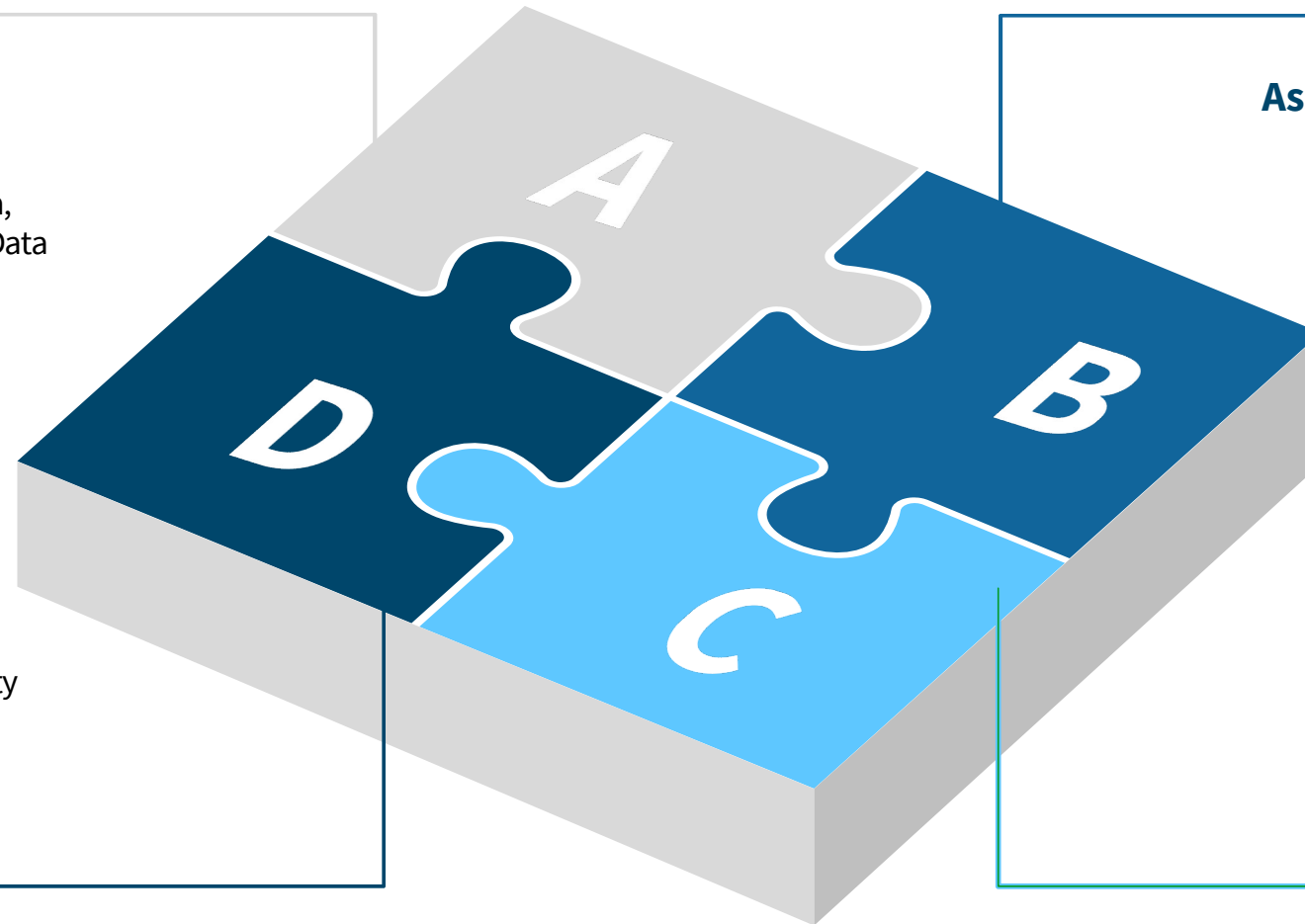
Digital Assets Governance

Deliver trusted and quality
digital assets in the right
format and time

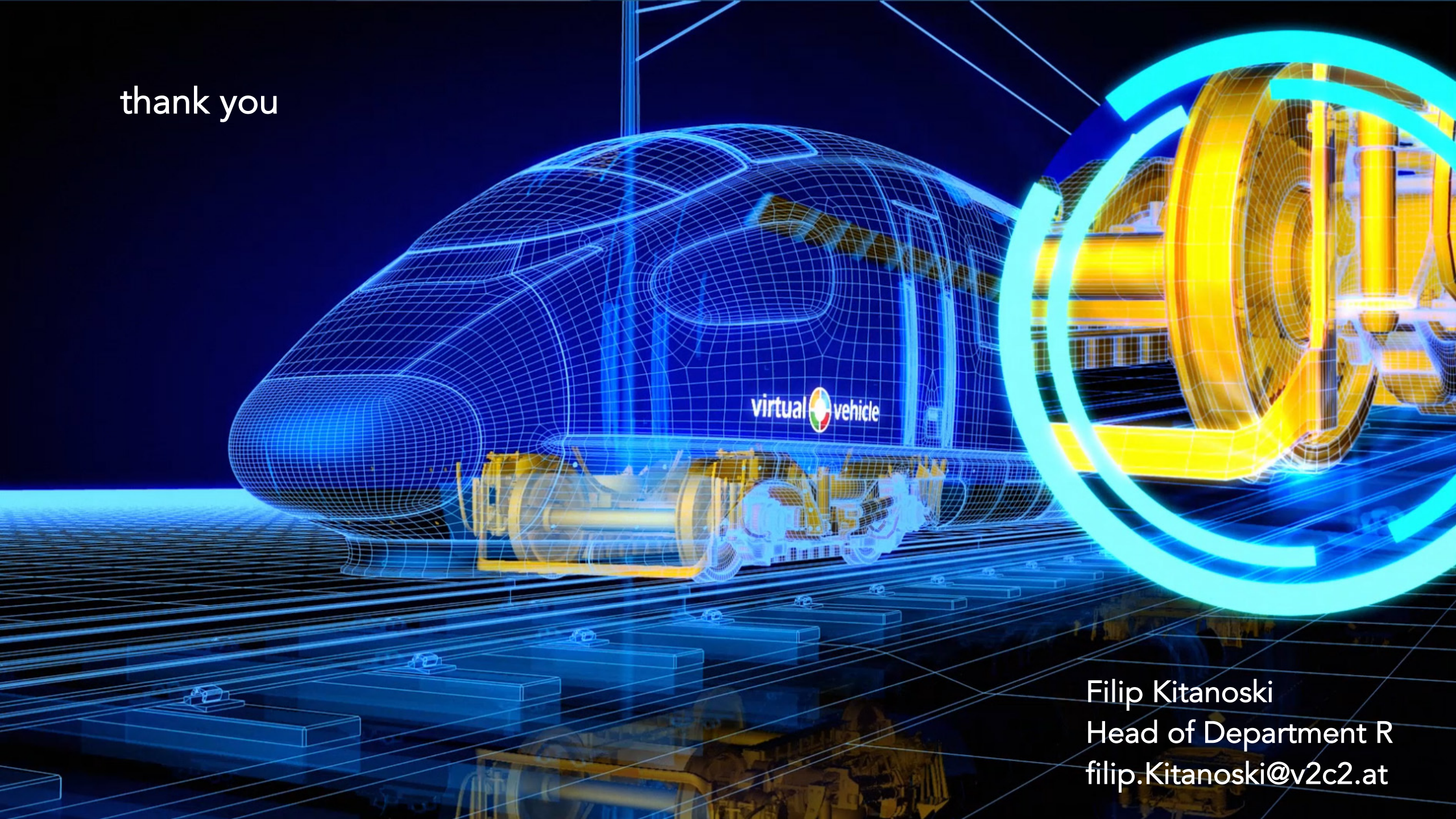


Deployable Assets

Functional and executable tool
chain for analysis and prognosis



thank you



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