

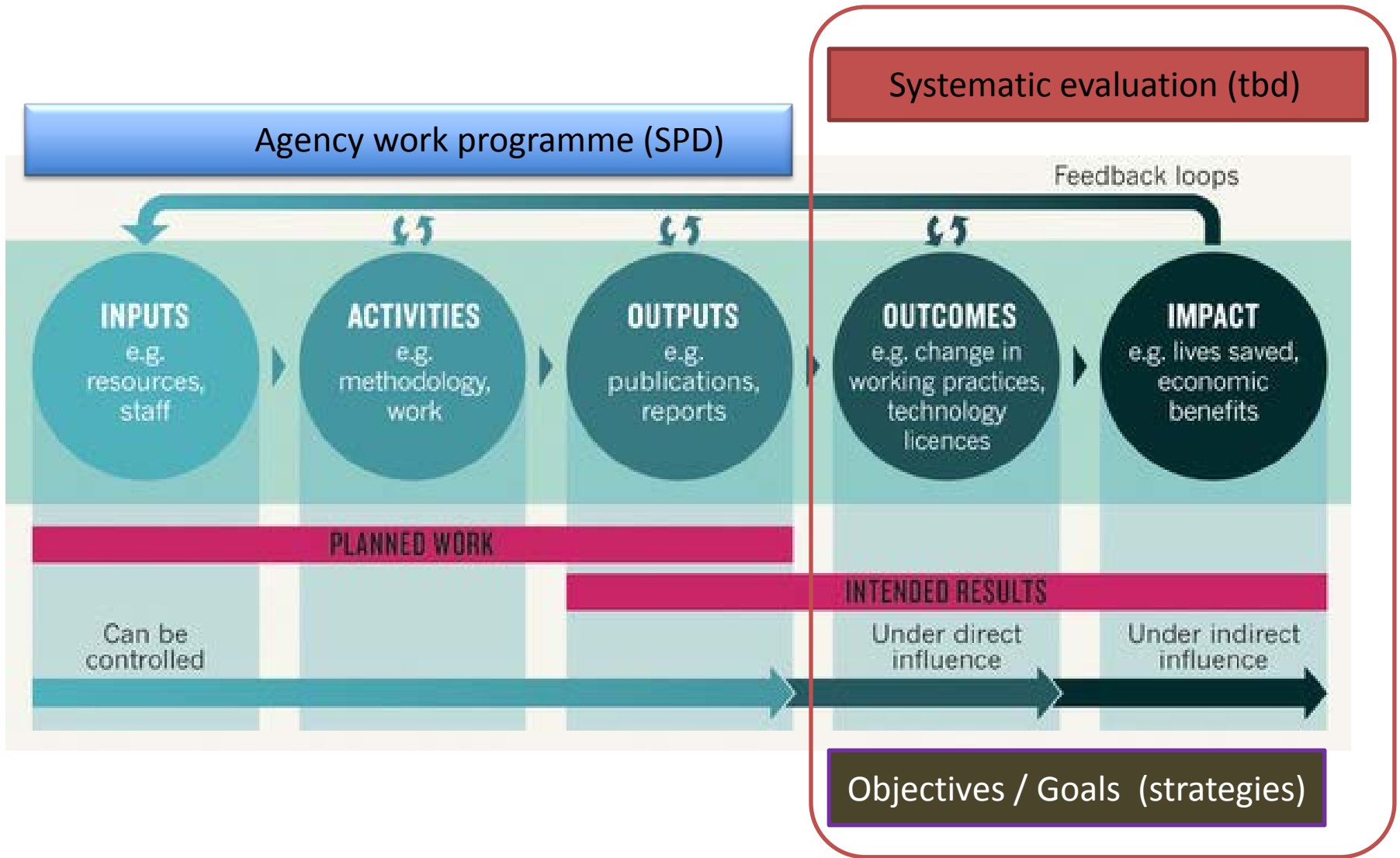
Harvesting railway statistics from EU registers

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- An EU Agency governed by European public law.
- It is distinct from the Community Institutions (Council, Parliament, Commission, etc.) and has its **own legal personality**.
- It is set up in order to accomplish specific **technical, scientific, managerial and administrative tasks aimed at:**
 - Improving competitiveness of rail with other modes in order to increase the market share of the most environment-friendly mode of transport
 - Spending public money more efficiently on public rail transport services
 - Encouraging market entry by **reducing administrative and technical barriers**
 - Opening of domestic rail passenger transport to competition
 - Encouraging market entry and ensure non – discrimination through a better governance of the infrastructure










STATUTORY

- **Railway safety and interoperability**
 - Data collection mandated through Railway Safety Directive
- **ERTMS and PRM statistics under administrative arrangement on the Cooperation in Rail Transport Statistics between EUAR and Eurostat signed in late 2016**
 - *Length of tracks/lines equipped with ERTMS/ETCS*
 - *Number of vehicles equipped with ERTMS/ETCS*
 - *PRM accessible railway stations*

NON-STATUTORY

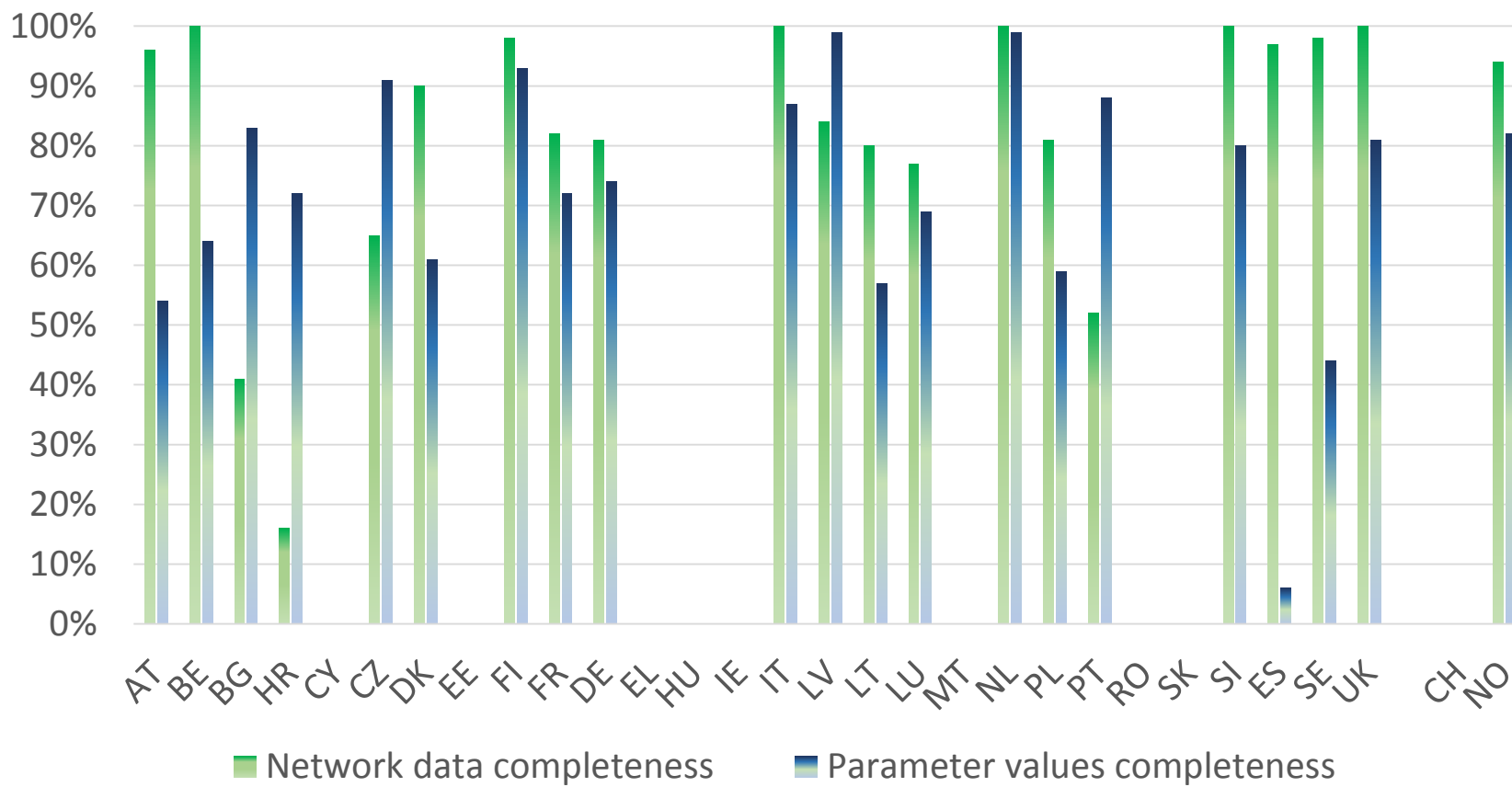
- *Operators, vehicle fleet, traffic performance, ...*

Overview of collected data/information

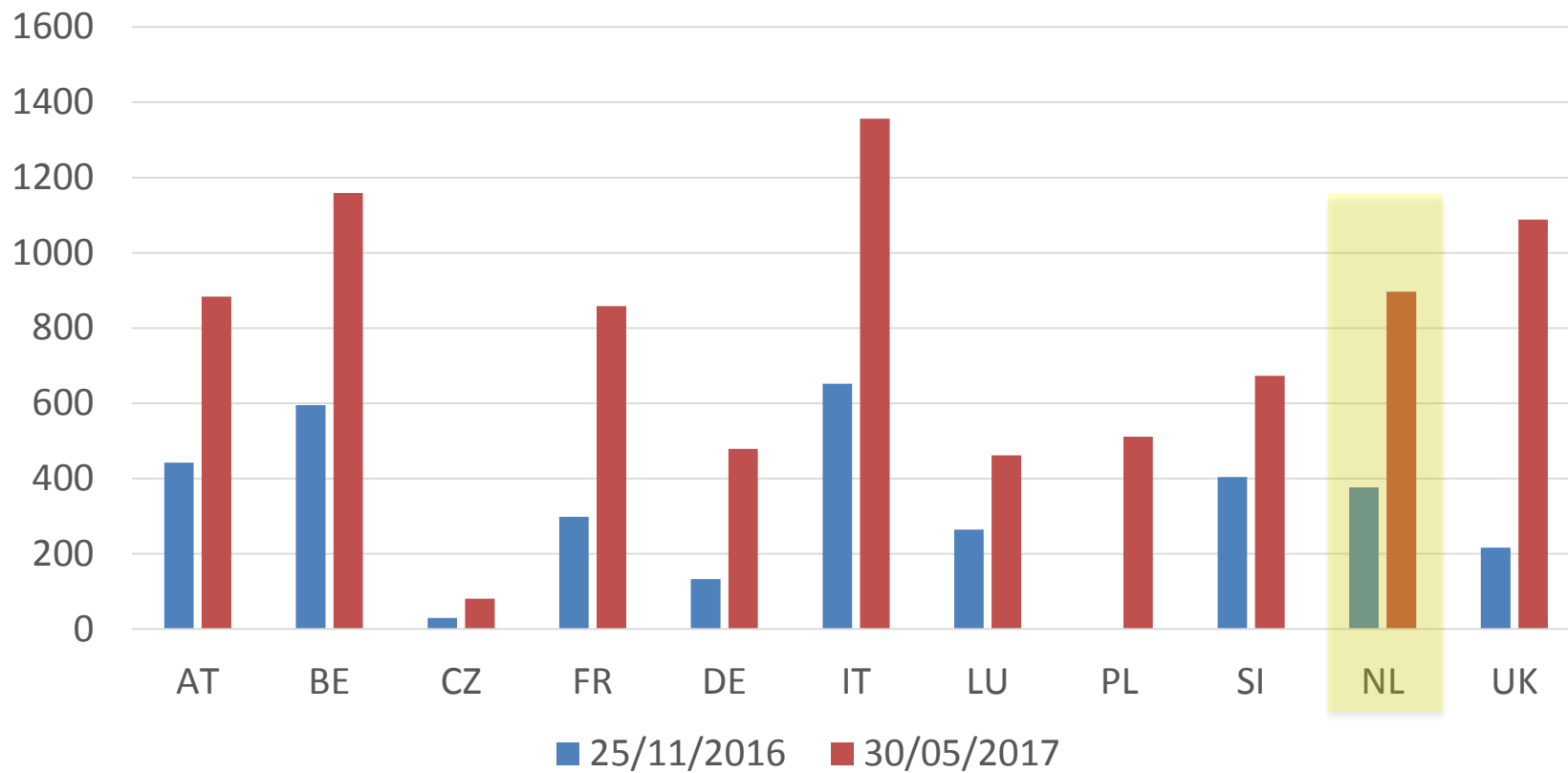
Railway system/transport data		Status	
Infrastructure		<i>Continuous development</i>	✓
Transport equipment (vehicles, containers)		<i>Continuous development</i>	✓
Enterprises, economics, employment		<i>Internal development</i>	
Traffic volumes		<i>Completed</i>	✓
Transport measurement		<i>No coverage</i>	
Energy consumption		<i>No coverage</i>	
Accidents		<i>Completed</i>	✓

Data Source	Acronym	Link	Legal Basis	Status	Content	Access rights	Frequency
National Vehicle Registers / European Centralised Virtual Vehicle Register	NVR/ECVVR	http://www.era.europa.eu/Core-Activities/Interoperability/Pages/ECVVR.aspx http://vvr.era.europa.eu/VR/Login/LoginView.aspx	Art. 33 of Directive 2008/57/EC and NVR Decision 2007/756/EC as amended by Decision 2011/107/EU	Running	EVN, EC declaration of verification and issuing body/references to the ERATV, Keeper, Owner, Restrictions, ECM	ERA, NSAs, Registration entities, Keepers and owners for their own vehicles, Fleet managers for the fleet they manage, RUs/IMs for the vehicles they know the EVN	Depends on the national rules
European Register of Authorised Types of railway vehicles	ERA TV	https://eratv.era.europa.eu/eratv	Art. 34 of Directive 2008/57/EC and Decision 2011/633/EU on ERA TV	Running	The technical characteristics of the type of vehicle, as defined in the relevant TSIs, manufacturer's name, dates, references and MS granting the successive authorisations for this type of vehicle, including any restrictions or withdrawals.	Public	Real-time basis
Register of railway Infrastructure (and its link to the Network Statement)	RINF	https://rinf.era.europa.eu/rinf	Art. 35 of Dir. 2008/57/EC and Decision 2011/633/EU on RINF	Under development	<i>Selected datasets on:</i> <ul style="list-style-type: none"> • Infra: declarations of verification for track, track parameters, tunnel...; • Energy: pantograph, requirements for rolling stock...; 	Not yet specified	Quarterly

Network and parameter data completeness

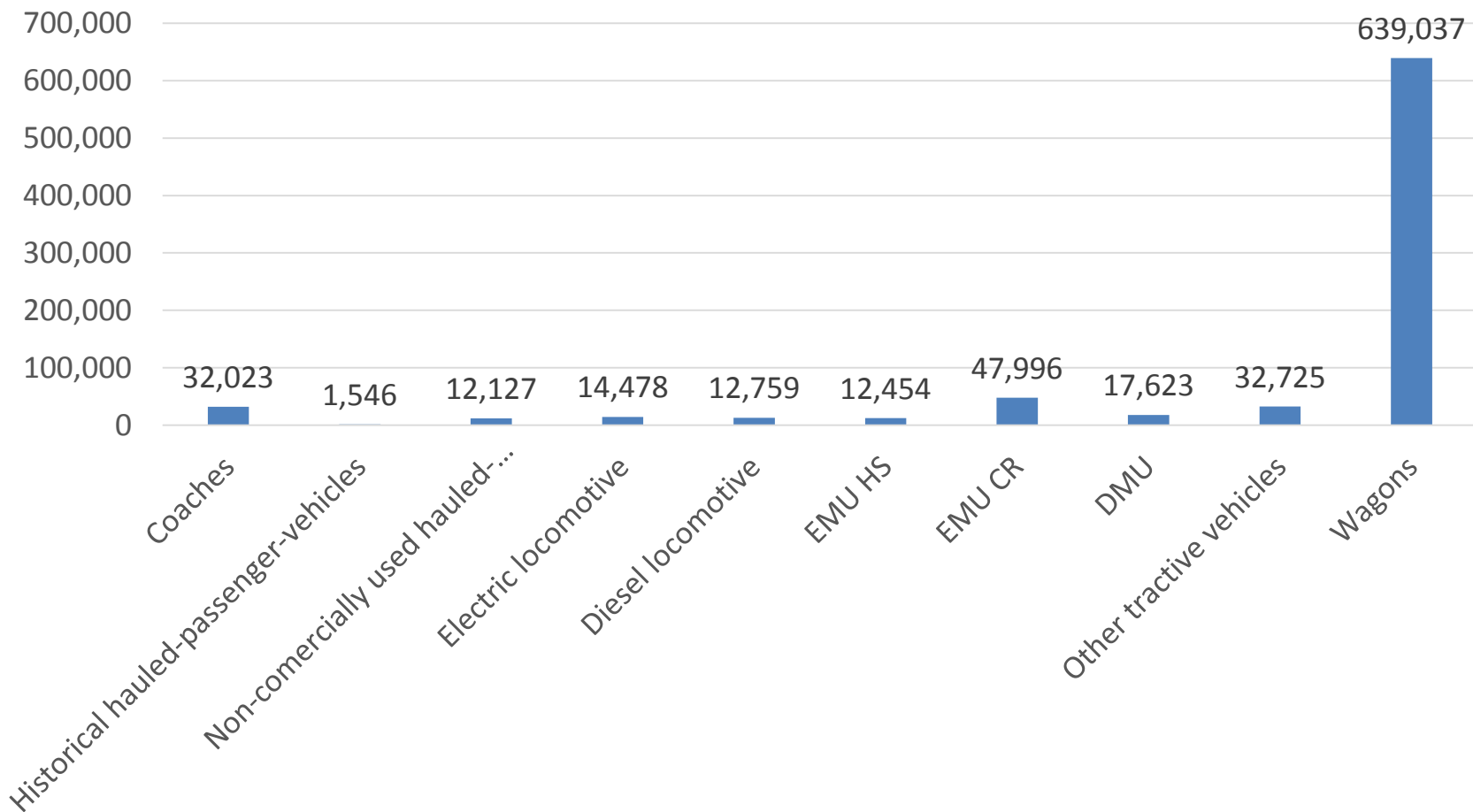


Length of lines with ETSC



Vehicle stock statistics available in VVR

Railway vehicles (EU28-Baltic states+NO+CH)



Data quality check: railway vehicle data

	Locomotives	Wagons
MSs with data in Eurobase	12 (43%)	11 (39%)
Matching data	6 (21%)	6 (21%)

- Some additional work on data quality needed
- Revision of Decisions to improve taxonomy and allow public access
- Introduce data query and analysis interface

- A response to private sector big data initiatives

- KPIs and other indicators for informed
 - Decision taking
 - Policy making





Making the railway system work better for society.

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