

RFC NS-B PaP capacity offer TT2024

RAG/TAG Meeting
C-OSS Anna Difliff
March 16th, 2023



Funded by the
European Union



1. Improvements implemented for the PaP capacity offer TT2024

2. Updated Schematic map including minor changes for TT2024

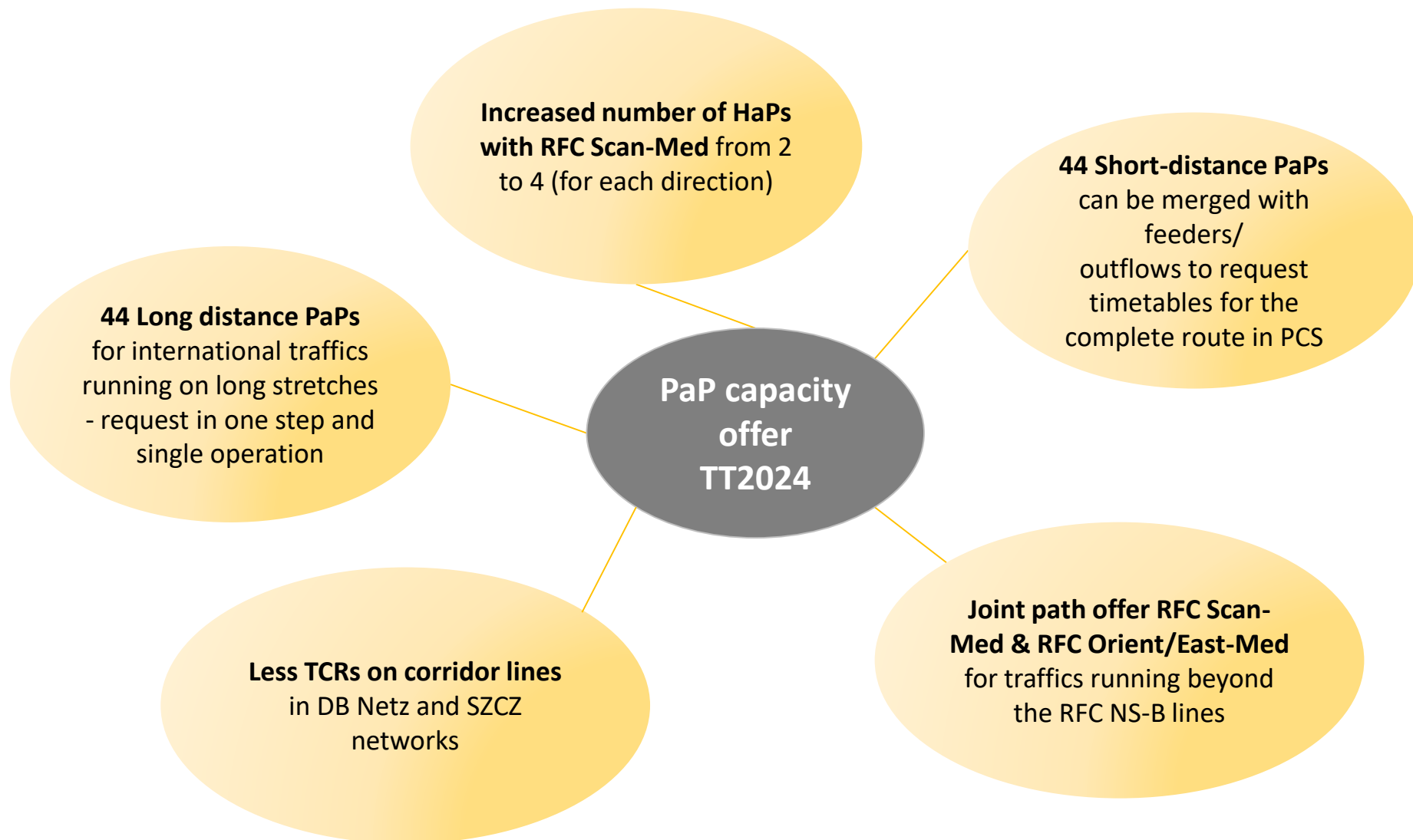
3. Long-distance & Short-distance PaPs in the PaP capacity offer TT2024

4. KPIs - PaP capacity offer TT2024

5. Next steps



Improvements implemented for the PaP capacity offer TT2024





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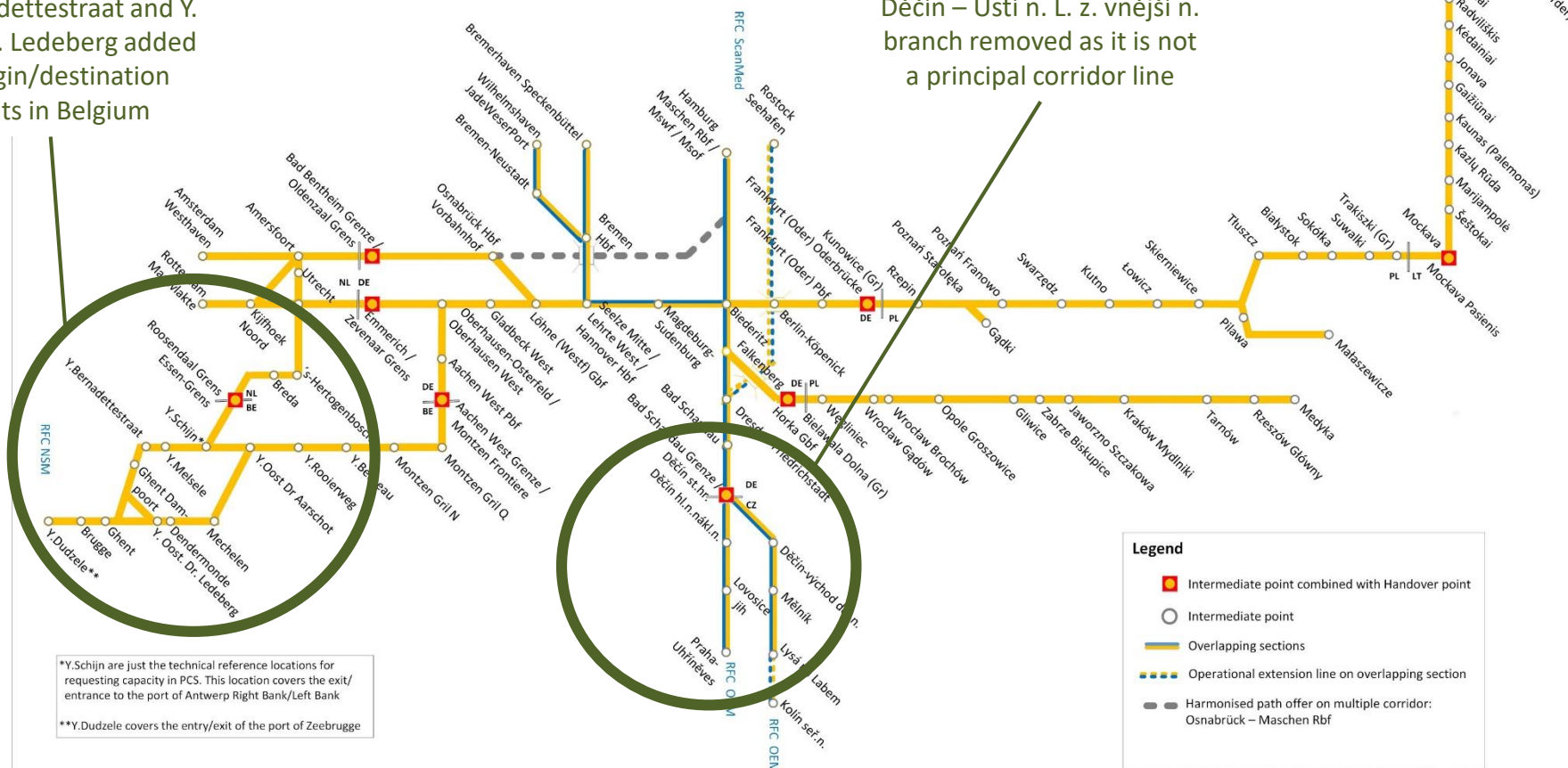
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Děčín – Ústí n. L. z. vnější n.
branch removed as it is not
a principal corridor line





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44 Long-distance PaPs are offered to be requested for international traffics within and beyond RFC NS-B via PCS

- 44 Long-distance PaPs are offered to be requested via PCS for the annual TT2024 (compared to 38 for TT2023)
- 31 of the 44 Long-distance PaPs cover routes beyond the RFC North Sea - Baltic and relate to RFC Scan-Med and RFC Orient/East-Med
 - 8 Long-distance PaPs relate to RFC Scan-Med
 - 23 Long-distance PaPs relate to RFC Orient/East-Med
- The Long-distance PaPs have been constructed as close as possible for longer stretches expressed by the applicants in the wish list.
- Origins, further locations and destinations not indicated in the PaPs can be added to the timetable to complete the request in PCS.



8 Long-distance PaPs are offered to be requested for international traffics running beyond RFC NS-B in collaboration with RFC Scan Med

- 8 of the 44 Long-distance PaPs cover routes from the Western part of the RFC up to the Northern regions of Europe (4 in each direction)
- The number of HaPs (Harmonized PaPs) with RFC Scan-Med has been doubled compared to TT2023



Direction	PaP ID	Origin	Destination
W-E / S-N Belgium/Netherlands to Germany and RFC3/Scandinavia	C38NP300 / C3NP16	Y. Bernadettestraat	Malmö Godsbangard
	C38NP302 / C3NP02	Y. Schijn	Malmö Godsbangard
	C38NP304 / C3NP20	Y. Schijn	Malmö Godsbangard / Hallsbergs Rangerbangard
	C38NP304a	Y. Schijn	Malmö Godsbangard / Hallsbergs Rangerbangard
	C38NP306 / C3NP18	Rotterdam Maasvlakte	Malmö Godsbangard / Hallsbergs Rangerbangard
	C38NP306a	Rotterdam Maasvlakte	Malmö Godsbangard / Hallsbergs Rangerbangard
Direction	PaP ID	Origin	Destination
E-W / N-S Scandinavia/RFC3 and Germany to Belgium/Netherlands	C38NP301 / C3NP01	Hallsbergs Rangerbangard / Malmö Godsbangard	Y. Bernadettestraat
	C38NP303 / C3NP09	Hallsbergs Rangerbangard / Malmö Godsbangard	Y. Schijn
	C38NP309 / C3NP03	Hallsbergs Rangerbangard/Malmö Godsbangard	Y. Schijn
	C38NP309a	Hallsbergs Rangerbangard/Malmö Godsbangard	Y. Schijn
	C38NP311 / C3NP07	Hallsbergs Rangerbangard/Malmö Godsbangard	Y. Schijn

23 Long-distance PaPs are offered to be requested for international traffics running beyond RFC NS-B in collaboration with RFC Orient/East-Med

- 23 of the 44 Long-distance cover routes between Netherlands/Germany to Czech Republic, Slovakia, Austria and Hungary



Direction	PaP ID	Origin	Destination
W-E Netherlands/Germany to Czech Republic/ RFC7	C78NP101	Roosendaal Grens/Oldenzaal	Č.Třebová odj.sk.
	C78NP103	Bremen Hbf	Štúrovo
	C78NP105	Rotterdam Maasvlakte	Soroksári út rendező
	C78NP123	Rostock Seehafen	Č.Třebová odj.sk.
	C78NP109	Bremerhaven-Speckenbüttel	Praha-Uhřetěves
	C78NP111	Falkenberg (Elster)	Praha-Uhřetěves
	C78NP113	Bremerhaven-Speckenbüttel	Praha-Uhřetěves
	C78NP117	Maschen Rbf	Č.Třebová odj.sk.
	C78NP119	Oldenzaal	Č.Třebová odj.sk.
	C78NP121	Bremerhaven-Speckenbüttel	Kolín seř.n.
	C78NP107	Děčín východ dol.n.	Krems a.d.Donau-Nord
	C78NP125	Rostock Seehafen	Dunajská Streda
Direction	PaP ID	Origin	Destination
E-W RFC 7/Czech Republic to Germany/ Netherlands	C78NP100	Praha-Uhřetěves	Amsterdam Westhaven
	C78NP100a	Praha-Uhřetěves	Rotterdam Maasvlakte
	C78NP102	Štúrovo	Bremen Hbf
	C78NP106	Krems a.d.Donau-Nord	Rostock Seehafen
	C78NP108	Praha-Uhřetěves	Falkenberg (Elster)
	C78NP110	Praha-Uhřetěves	Bremerhaven-Speckenbüttel
	C78NP112	Č.Třebová odj.sk.	Rostock Seehafen
	C78NP114	Č.Třebová odj.sk.	Bremerhaven Kaiserhafen
	C78NP116	Dunajská Streda	Děčín východ dol.n.
	C78NP118	Dunajská Streda	Bremerhaven Kaiserhafen
	C78NP122	Kolín seř.n.	Maschen Rbf
	C78NP126	Kolín seř.n.	Rotterdam Maasvlakte

8 Long-distance PaPs are offered on RFC NS-B routes to be requested for international traffics between Belgium/Netherlands/Germany to Poland and Lithuania

- 8 of the 44 Long-distance PaPs cover the link between the Western and Eastern routes of the RFC NS-B (4 in each direction)
- The offer remained stable compared to TT2023



Direction	PaP ID	Origin	Destination
W-E Belgium/Netherlands/ Germany to Poland/Lithuania	C8NP201	Rotterdam Maasvlakte	Poznań Franowo
	C8NP203	Frankfurt (Oder) Oderbrücke	Palemonas
	C8NP205	Fangschleuse	Gądk
	C8NP207	Y. Dudzele	Gliwice
	C8NP207a	Y. Dudzele	Oldenzaal Grens
Direction	PaP ID	Origin	Destination
E-W Poland/Lithuania to Germany/Netherlands/ Belgium	C8NP200	Poznań Franowo	Rotterdam Maasvlakte
	C8NP202	Palemonas	Frankfurt (Oder) Oderbrücke
	C8NP204	Gądk	Berlin-Köpenick
	C8NP206	Gliwice	Rotterdam Maasvlakte
	C8NP206b	Gliwice	Roosendaal

5 Long-distance PaPs are offered on RFC NS-B routes to be requested for international traffics between Belgium, the Netherlands and Germany

- 3 of the 44 Long-distance PaPs are linking Belgium and Germany



Direction	PaP ID	Origin	Destination
W-E Belgium to Germany	C38NP308	Y.Schijn	Löhne (Westf) Gbf
Direction	PaP ID	Origin	Destination
E-W Germany to Belgium	C38NP305	Löhne (Westf) Gbf	Y.Bernadettestraat
	C38NP305a	Löhne (Westf) Gbf	Roosendaal
	C38NP307	Löhne (Westf) Gbf	Y.Schijn
	C38NP307a	Löhne (Westf) Gbf	Y.Schijn

- 2 of the 44 Long-distance PaPs are linking the Netherlands and Germany



Direction	PaP ID	Origin	Destination
W-E Netherlands to Germany	C8NP401	Rotterdam Maasvlakte	Oberhausen-Osterfeld Museum
Direction	PaP ID	Origin	Destination
E-W Germany to Netherlands	C8NP400	Oberhausen-Osterfeld Museum	Rotterdam Maasvlakte

44 Short-distance PaPs include coherent PaP sections on RFC NS-B lines

- 44 Short-distance PaPs are offered to be requested via PCS for the annual TT2024 (44 in TT2023)
- Short-distance PaPs are combined national PaP sections on RFC NS-B lines
- 11 separate PaP sections have been provided by DB Netz and ProRail to complete the offer



Short-distance PaPs include coherent PaP sections on the Eastern routes of RFC NS-B



Direction	PaP ID	Origin	Destination
W-E Germany to Poland via Frankfurt (Oder) Oderbrücke	C8NP209	Biederitz	Malaszewicze
	C8NP211	Biederitz	Malaszewicze
	C8NP213	Biederitz	Malaszewicze
	C8NP215	Biederitz	Malaszewicze
Direction	PaP ID	Origin	Destination
E-W Poland to Germany via Frankfurt (Oder) Oderbrücke	C8NP208	Malaszewicze	Biederitz
	C8NP210	Malaszewicze	Fangschleuse
	C8NP212	Malaszewicze	Biederitz
	C8NP214	Malaszewicze	Biederitz



Direction	PaP ID	Origin	Destination
W-E Germany to Poland via Horka/Wegliniec	C8NP217	Falkenberg (Elster)	Węgliniec
	C8NP219	Falkenberg (Elster)	Węgliniec
	C8NP221	Falkenberg (Elster)	Wrocław Gądów
	C8NP223	Falkenberg (Elster)	Wrocław Gądów
E-W Poland to Germany via Horka/Wegliniec	C8NP225	Falkenberg (Elster)	Medyka
Direction	PaP ID	Origin	Destination
E-W Poland to Germany via Horka/Wegliniec	C8NP216	Węgliniec	Falkenberg (Elster)
	C8NP218	Węgliniec	Falkenberg (Elster)
	C8NP220	Wrocław Gądów	Falkenberg (Elster)
	C8NP222	Wrocław Gądów	Falkenberg (Elster)
E-W Poland to Germany via Horka/Wegliniec	C8NP224	Medyka	Falkenberg (Elster)



Direction	PaP ID	Origin	Destination
W-E / S-N Poland to Estonia	C8NP227	Suwalki	Tallinn (Ülemiste)
Direction	PaP ID	Origin	Destination
E-W / N-S Estonia to Poland	C8NP226	Tallinn (Ülemiste)	Suwalki

Short-distance PaPs include coherent PaP sections on the Western routes of RFC NS-B



Direction	PaP ID	Origin	Destination
W-E Belgium to Netherlands	C8NP309	Y.Bernadettestraat	Oldenzaal
	C8NP313	Y.Schijn	Oldenzaal
	C8NP313a	Y.Schijn	Oldenzaal
	C8NP315	Y.Bernadettestraat	Oldenzaal
Direction	PaP ID	Origin	Destination
E-W Netherlands to Belgium	C8NP308	Oldenzaal	Y. Bernadettestraat
	C8NP310	Oldenzaal	Y. Dudzele

Direction	PaP ID	Origin	Destination
W-E Netherlands to Germany	C8NP403	Rotterdam Maasvlakte	Löhne (Westf) Gbf
	C8NP405	Rotterdam Maasvlakte	Löhne (Westf) Gbf
	C8NP407	Rotterdam Maasvlakte	Löhne (Westf) Gbf
	C8NP409	Roosendaal Grens	Löhne (Westf) Gbf
Direction	PaP ID	Origin	Destination
E-W Germany to Netherlands	C8NP402	Löhne (Westf) Gbf	Rotterdam Maasvlakte
	C8NP404	Löhne (Westf) Gbf	Rotterdam Maasvlakte
	C8NP404a	Löhne (Westf) Gbf	Kijfhoek Noord
	C8NP406	Löhne (Westf) Gbf	Rotterdam Maasvlakte

Direction	PaP ID	Origin	Destination
W-E Belgium to Germany	C8NP501	Y.Schijn	Oberhausen-Osterfeld Museum
	C8NP501a	Y.Schijn	Oberhausen-Osterfeld Museum
	C8NP501b	Y.Schijn	Oberhausen-Osterfeld Museum
	C8NP503	Y.Noord Dr.Ledeberg	Aachen West Pbf
	C8NP505	Y.Schijn	Aachen West Pbf
	C8NP505a	Y.Schijn	Aachen West Pbf
	C8NP507	Y.Dudzele	Aachen West Pbf
	C8NP507a	Y.Dudzele	Aachen West Pbf
	C8NP509	Y.Noord Dr.Ledeberg	Aachen West Pbf
	C8NP509a	Y.Noord Dr.Ledeberg	Aachen West Pbf
	C8NP511	Y.Dudzele	Aachen West Pbf
	C8NP511a	Y.Dudzele	Aachen West Pbf
Direction	PaP ID	Origin	Destination
E-W Germany to Belgium	C8NP500	Aachen West Pbf	Y. Dudzele
	C8NP500a	Aachen West Pbf	Y. Dudzele
	C8NP502	Aachen West Pbf	Y.Noord Dr.Ledeberg
	C8NP502a	Aachen West Pbf	Y.Noord Dr.Ledeberg
	C8NP504	Aachen West Pbf	Y.Schijn
	C8NP504a	Aachen West Pbf	Y.Schijn
	C8NP506	Oberhausen-Osterfeld Museum	Y.Noord Dr.Ledeberg
	C8NP506a	Oberhausen-Osterfeld Museum	Y.Noord Dr.Ledeberg
	C8NP506b	Oberhausen-Osterfeld Museum	Y.Noord Dr.Ledeberg
	C8NP508	Aachen West Pbf	Y.Dudzele
	C8NP510	Aachen West Pbf	Y.Schijn



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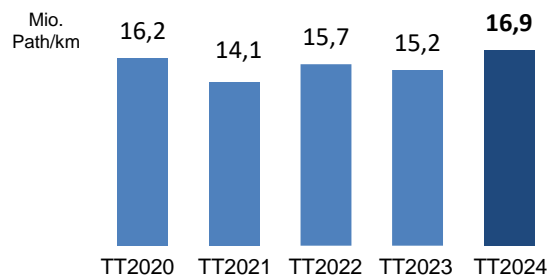
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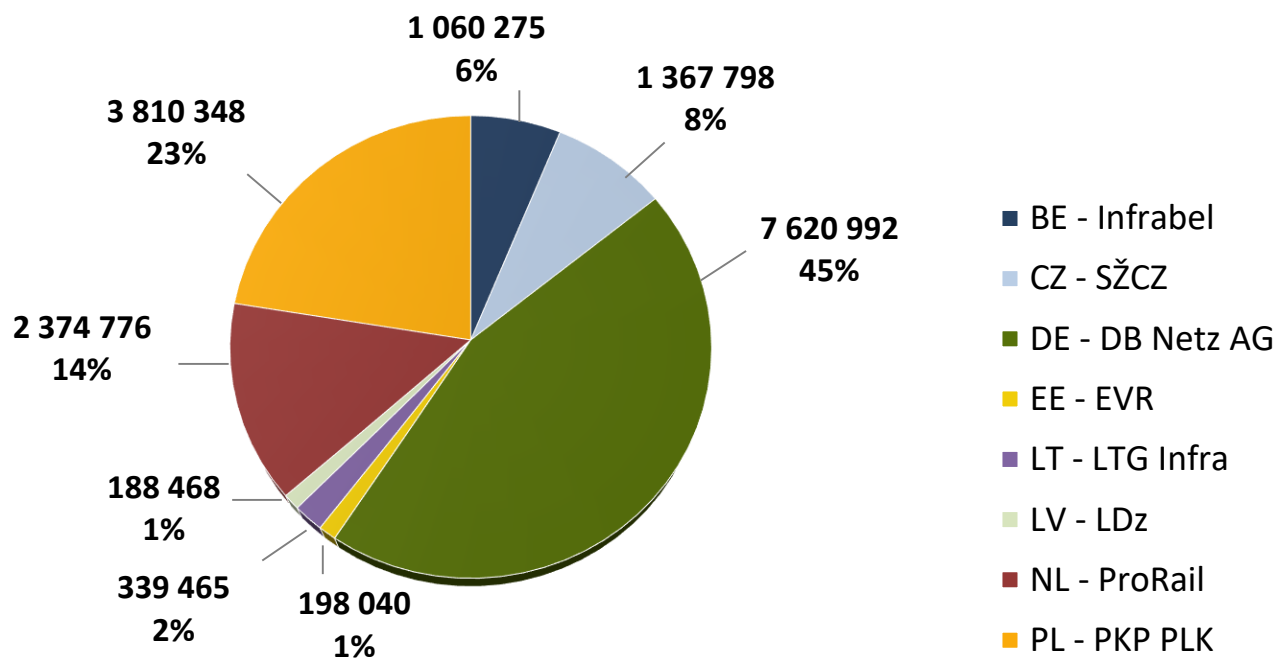
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The PaP capacity offer TT2024 improved beyond the level of TT2023 thanks to longer path sections, mainly in DB Netz and ProRail networks

PaP offer comparison



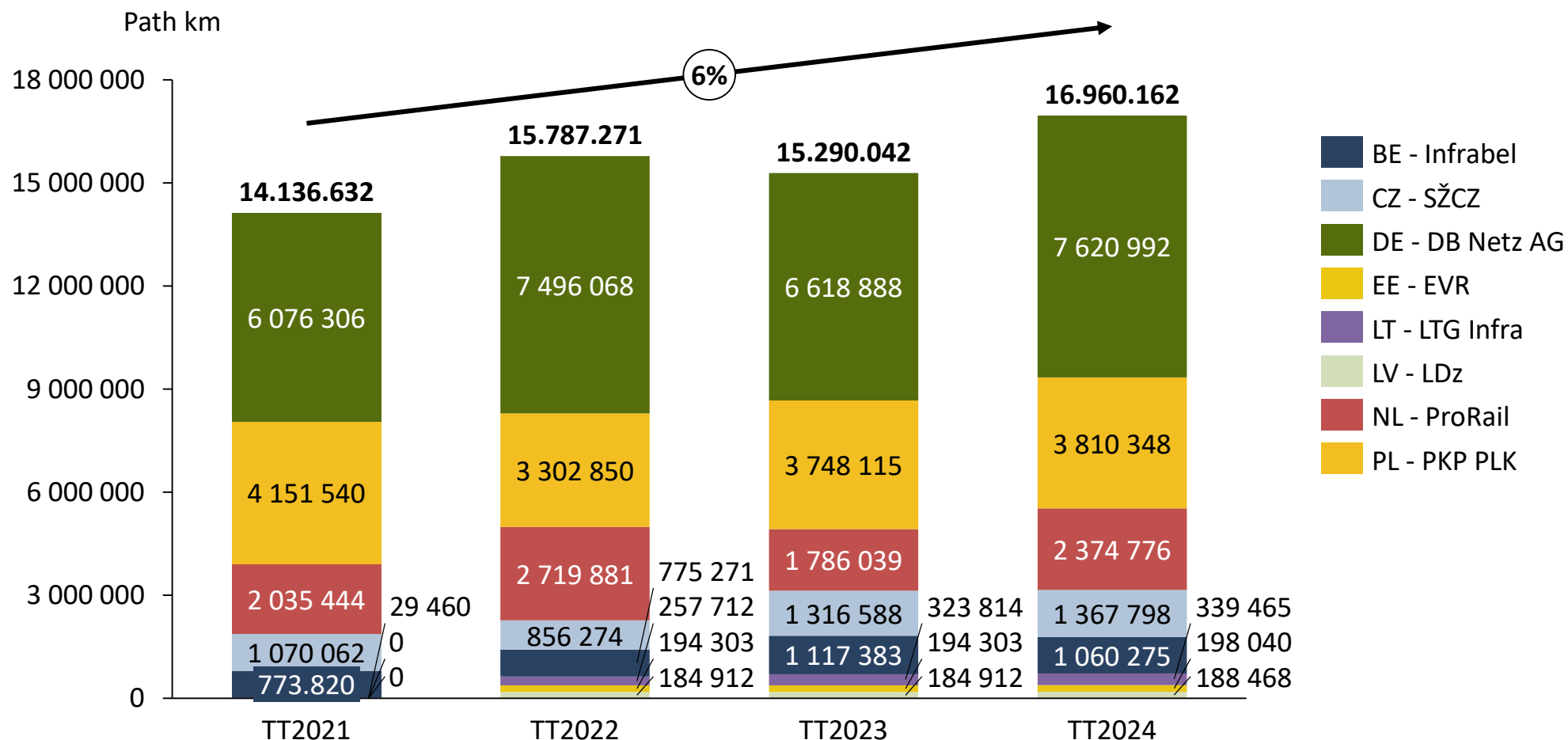
KPI - Volume of capacity offer TT2024
16,96 path km (days x km)



The table below reflects the reasons for the increase and decrease of the KPI value PaP capacity offer TT2024 in comparison to TT2023

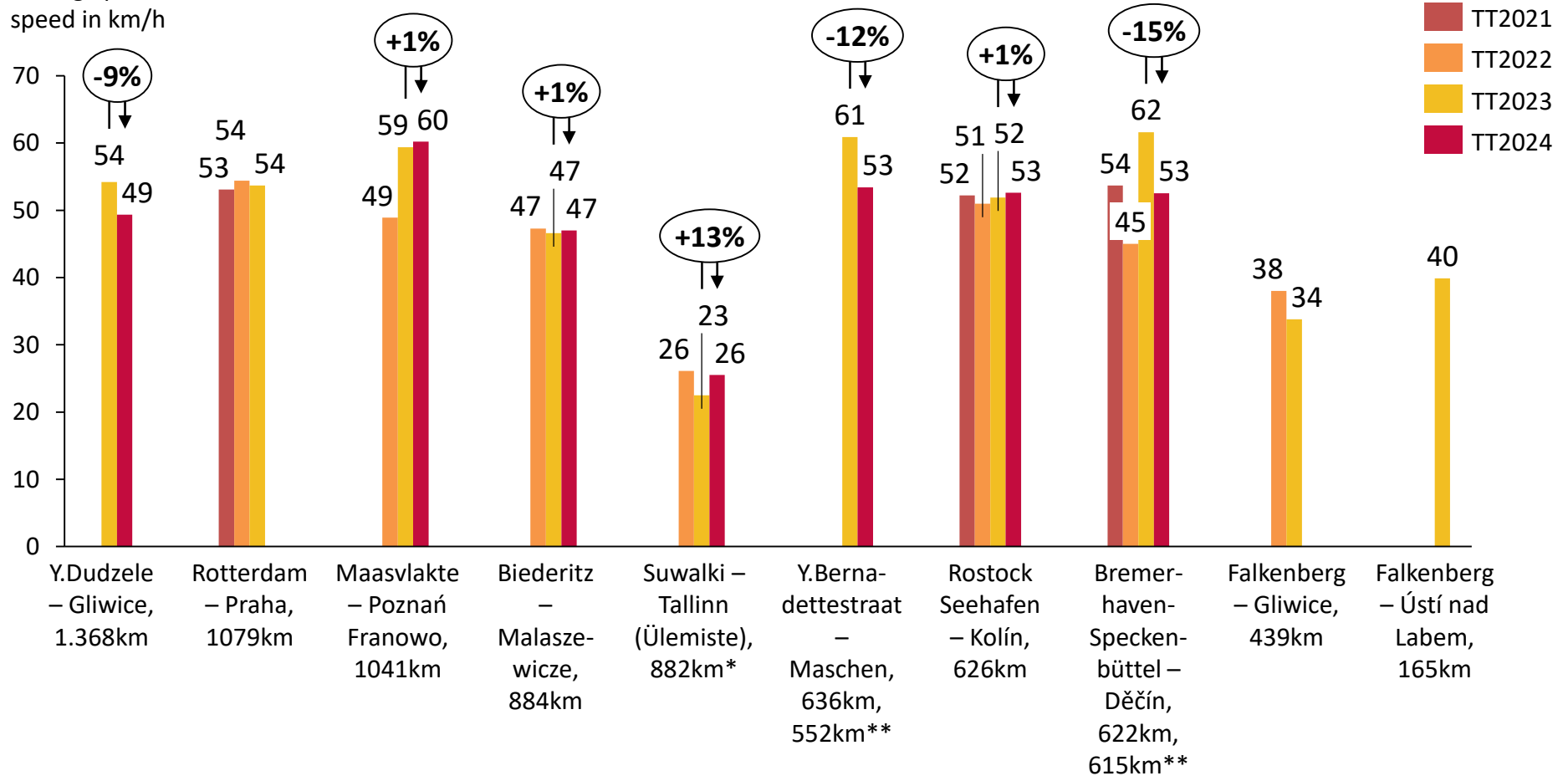
IM	TT2023	TT2024	Comparison	Remarks
Infrabel	1.117.383	1.060.275	↓	Increased number of PaPs on overall shorter distances
SZCZ	1.316.588	1.367.798	↑	Number of PaPs stable, extended number of running days
DB Netz	6.618.888	7.620.992	↑	Increased number of PaPs and running days (less TCRs on corridor lines)
EVR	194.303	198.040	→	Minor increase in running days
LTG-I	323.814	339.465	→	Minor increase in running days
LDz	184.912	188.468	→	Minor increase in running days
ProRail	1.786.039	2.305.240	↑	Increased number of PaPs and running days
PKP PLK	3.748.115	3.810.348	→	Number of PaPs stable, extended number of running days
Mio path km	15.290.042	16.890.625		

Since TT2021, the PaP capacity offer on RFC NS-B evolved on a positive trend with growing offer on all involved IM networks



The Average planned speed for TT2024 increased for 4 and decreased for 3 pre-defined sections, 3 sections could not be measured due to variations in routing

Average planned speed in km/h



The KPI values include stopping times for selected O-D.

* Suwalki – Tallinn (Ülemiste) include the reloading time (~ 6 hours) in Palemonas. ** Two distances for W-E, E-W direction, varying per TT



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The Pre-arranged Path process calendar TT2024

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
Publication PaP Catalogue	◆ 09.01.2023									
Last day for correction of detected errors in the PaP Catalogue	◆ 23.01.2023									
Last day to request PaPs				◆ 11.04.2023						
Start of the construction of the Offer				12.04.-02.07.2023						
PaP Pre-Booking Information to customers				◆ 24.04.2023						
Publication of the Draft offer							◆ 03.07.2023			
Observation and comments from customers							04.07.-04.08.2023			
General deadline to submit capacity wishes survey for TT2025								◆ 14.08.2023		
Publication of the Final offer								◆ 21.08.2023		
Publication of the Reserve Capacity										◆ 09.10.2023



Next steps

Customer consultations

- Information about PaP offer TT2024
 - Collecting feedback and
 - Evaluating past years' experience with the Corridor
-

PCS Trainings

- Guidance for applicants to create, harmonize and observe the PCS dossiers in two sessions (Frankfurt & Vilnius)
-

PaP allocation

- Allocation of PaPs in PCS
- Pre-booking information to applicants