



Chiasso, 28.02.2023

Environmental certification for

Hupac Intermodal Ltd

In 2022, Hupac Intermodal has carried 24,648,226 tonnes of goods on its network. By shifting freight transport from road to rail, the environment has benefited from a reduction of emissions in the order of

1,273,615 t of CO₂

Period From 1 January 2022 to 31 December 2022

Relations Network of Hupac Intermodal Ltd

Calculation parameters

Cargo weight 24.6 million tonnes

Combined transport

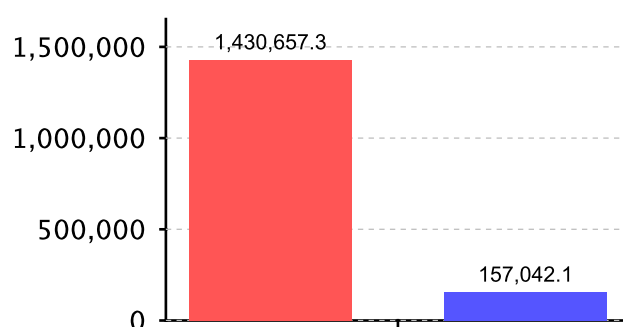
Long train (1,500 t), emission standard electrified, load factor 80%, empty trip factor 20%, transshipment

Road transport

Vehicle type 24-40 t, emission standard EURO-V, load factor 60%, empty trip factor 20%

Calculator www.ecotransit.org

Comparison of CO₂ emissions (t)

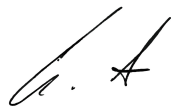


■ Truck ■ Train

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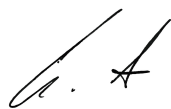
Details

Departure	Arrival	Cargo weight (t)	Distance (km)	CO ₂ truck (t)	CO ₂ train (t)	CO ₂ savings (t)
AARAU	ANTWERP HTA QUAI 468	51,008	677	2,411.2	115.1	2,296.1
AARAU	BUSTO A./GALLARATE	75,239	260	1,519.9	58.4	1,461.5
AARAU	CHIASO Z4	23,469	230	423.2	2.1	421.1
AARAU	KOELN EIFELTOR UBF	36,752	549	1,440.2	250.9	1,189.3
AARAU	MONTHEY	42,232	248	605.5	2.9	602.6
AARAU	STABIO	67,619	224	1,209.4	6.0	1,203.4
AARAU	VISP	63,296	157	1,000.5	3.8	996.7
ALNABRU (OSLO)	MALMOE	1,891	540	74.7	0.7	74.0
ANTWERP COMBINANT	BARCELONA EL MORROT	167,501	1,417	17,201.0	706.2	16,494.8
ANTWERP COMBINANT	BUNA VALUEPARK	44,660	703	2,030.6	393.2	1,637.5
ANTWERP COMBINANT	BUSTO A./GALLARATE	249,562	1,061	16,913.7	904.5	16,009.3
ANTWERP COMBINANT	DUISBURG RHEINHAUSEN	443	273	6.5	1.1	5.4
ANTWERP COMBINANT	DUISBURG RHEINHAUSEN	5,249	273	76.9	12.6	64.4
ANTWERP COMBINANT	GADKI	14,155	1,084	1,023.6	213.7	810.0
ANTWERP COMBINANT	LUDWIGSHAFEN KTL	194,889	502	6,224.1	1,051.3	5,172.8
ANTWERP COMBINANT	PERPIGNAN- ROUSSILLON	37,739	1,202	3,339.5	114.9	3,224.7
ANTWERP COMBINANT	SCHWARZHEID E BASF	95,529	805	6,016.7	1,087.8	4,928.9
ANTWERP COMBINANT	TERNEUZEN VALUEPARK	18,056	114	86.4	15.2	71.3
ANTWERP COMBINANT	VERONA QUADRANTE	167,472	1,275	13,444.8	756.0	12,688.9
ANTWERP COMBINANT	WARSZAWA- PRUSZKOW	68,977	1,321	6,391.8	1,502.5	4,889.3



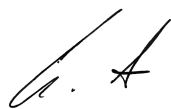
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Departure	Arrival	Cargo weight (t)	Distance (km)	CO ₂ truck (t)	CO ₂ train (t)	CO ₂ savings (t)
ANTWERP HTA QUAI 468	AARAU	51,889	677	2,452.9	117.1	2,335.8
ANTWERP HTA QUAI 468	BASEL WOLF	41,894	625	1,809.9	93.8	1,716.1
ANTWERP HTA QUAI 468	BIRRFELD	118,467	687	5,604.1	267.8	5,336.3
ANTWERP HTA QUAI 468	BUSTO A./GALLARATE	598,201	1,061	39,949.2	2,132.9	37,816.3
ANTWERP HTA QUAI 468	NOVARA CIM	62,013	1,082	4,265.3	204.2	4,061.1
AARSTA-KOMBI	MALMOE	1,289	591	54.1	0.6	53.6
ASCHAFFENBU RG TCA	NOVARA BOSCHETTO	27,515	717	1,380.1	156.8	1,223.2
AVTOVO	BREST- SEWERNYI	764	1,217	68.6	22.1	46.5
AVTOVO	NIZHNIY NOVGOROD	16	1,266	1.3	0.3	1.0
AVTOVO	OMSK	455	3,011	116.5	24.1	92.4
BASEL WEIL	BUSTO A./GALLARATE	112,275	317	2,672.7	149.7	2,522.9
BASEL WEIL	HAMBURG BILLWERDER	2,189	837	130.6	25.0	105.6
BARI SCALO FERRUCCIO	BUSTO A./GALLARATE	130,537	890	8,845.2	1,301.2	7,544.0
BARI SCALO FERRUCCIO	NOVARA CIM	36,633	909	2,563.9	381.5	2,182.4
BARCELONA EL MORROT	ANTWERP COMBINANT	111,787	1,417	11,479.6	471.3	11,008.3
BARCELONA EL MORROT	BUSTO A./GALLARATE	98,662	1,066	7,244.7	506.7	6,738.0
BASEL WOLF	ANTWERP HTA QUAI 468	35,922	625	1,551.9	80.5	1,471.5
BASEL WOLF	CHIASSO Z4	29,105	282	622.7	3.1	619.6
BASEL WOLF	ROTTERDAM RSC	141,858	782	7,036.6	424.0	6,612.6
BASEL WOLF	STABIO	461	284	9.8	0.0	9.7
BIRRFELD	ANTWERP HTA QUAI 468	28,585	687	1,352.2	64.6	1,287.6



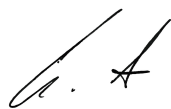
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Departure	Arrival	Cargo weight (t)	Distance (km)	CO ₂ truck (t)	CO ₂ train (t)	CO ₂ savings (t)
BIRRFELD	KOELN EIFELTOR UBF	16,885	559	662.2	115.3	546.9
BOLOGNA INTERPORTO	ZEEBRUGGE CLDN PORTS	63,281	1,390	5,627.8	353.4	5,274.4
BOLOGNA COGEFRIN	BUSTO A./GALLARATE	83,903	258	1,604.1	245.8	1,358.3
BOLOGNA COGEFRIN	NOLA INTERPORTO	1,247	574	53.1	8.3	44.8
BRWINOW	ANTWERP COMBINANT	533	1,321	49.3	11.6	37.7
BRWINOW	BREST- SEWERNYI	3,081	228	51.8	16.5	35.3
BRWINOW	DUISBURG HOHENBUDBER	6,821	1,099	658.2	160.1	498.2
BRWINOW	GADKI	3,750	305	78.5	26.5	52.0
BRESCIA	ROTTERDAM RSC	112,491	1,182	9,143.9	506.3	8,637.7
BRESCIA	SINGEN	280,036	395	9,185.1	500.5	8,684.6
BRATSK	BREST- SEWERNYI	142	5,789	5.0	2.1	2.9
BREST- SEWERNYI	ATYRAU	103	2,557	19.6	5.1	14.5
BREST- SEWERNYI	AVTOVO	120	1,217	10.7	3.5	7.3
BREST- SEWERNYI	BRWINOW	3,008	228	50.6	16.1	34.5
BREST- SEWERNYI	BRATSK	47	5,789	1.6	0.7	1.0
BREST- SEWERNYI	BUDENNOVSK	891	2,724	153.4	34.1	119.3
BREST- SEWERNYI	EGORIEVSK	397	1,240	35.1	8.2	26.8
BREST- SEWERNYI	IGUMNOVO	1,214	1,618	133.8	31.4	102.5
BREST- SEWERNYI	KARAGANDA	81	4,177	24.5	6.2	18.3
BREST- SEWERNYI	KAZAHSTAN	676	2,310	121.0	30.9	90.1
BREST- SEWERNYI	KOSTARIKHA	780	1,630	86.8	20.4	66.5



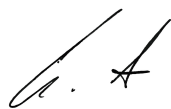
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Departure	Arrival	Cargo weight (t)	Distance (km)	CO ₂ truck (t)	CO ₂ train (t)	CO ₂ savings (t)
BREST-SEWERNYI	KUZNETSK	64	1,815	8.7	2.1	6.6
BREST-SEWERNYI	LAGERNAYA	253	1,914	35.7	8.0	27.7
BREST-SEWERNYI	MINSK	623	353	16.1	3.8	12.3
BREST-SEWERNYI	MOGILEV	2,275	548	90.7	25.1	65.5
BREST-SEWERNYI	VOSTOKTRANS	20,260	1,105	1,566.1	374.3	1,191.7
BREST-SEWERNYI	NIZHNIY NOVGOROD	1,123	1,647	125.1	29.3	95.7
BREST-SEWERNYI	OTRADNY	1,268	2,274	208.0	47.8	160.2
BREST-SEWERNYI	PREDPORTOVAYA	55	1,270	4.8	1.6	3.3
BREST-SEWERNYI	SELYATINO	709	1,077	63.7	18.5	45.2
BREST-SEWERNYI	SEMEY	252	4,674	85.8	22.5	63.4
BREST-SEWERNYI	SHAKSHA	2,847	2,637	523.9	127.9	396.0
BREST-SEWERNYI	SHUSHARY	1,019	1,252	94.1	28.9	65.3
BREST-SEWERNYI	TAMBOV	416	1,537	41.5	10.9	30.6
BREST-SEWERNYI	TOBOLSK	58	3,339	14.8	3.2	11.6
BREST-SEWERNYI	TOLYATTI	52	2,079	8.0	1.8	6.2
BREST-SEWERNYI	TSCHERUSTI	892	1,333	86.9	19.2	67.7
BREST-SEWERNYI	VOLZHSKIY PRIVOLGSKYIC	98	2,014	13.2	3.7	9.5
BREST-SEWERNYI	WARSZAWA-PRUSZKOW	8,562	228	144.0	45.8	98.2
BREST-SEWERNYI	YURYEVETS	3,819	1,383	247.0	65.1	181.8
BUDENNOVSK	BREST-SEWERNYI	132	3,097	22.6	5.0	17.6
BUDAPEST METRANS	DUISBURG RHEINHAUSEN	26,973	1,296	2,386.4	350.1	2,036.3



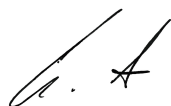
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Departure	Arrival	Cargo weight (t)	Distance (km)	CO ₂ truck (t)	CO ₂ train (t)	CO ₂ savings (t)
BUDAPEST METRANS	WIEN WIENCONT	165,982	270	2,908.4	362.3	2,546.1
BUNA VALUEPARK	ANTWERP COMBINANT	8,577	703	390.0	75.5	314.5
BUNA VALUEPARK	DUISBURG RHEINHAUSEN	17,759	462	561.0	113.9	447.1
BUNA VALUEPARK	LUDWIGSHAFEN KTL	105,030	440	3,279.2	625.6	2,653.6
BUSTO A./GALLARATE	AARAU	127,826	260	2,582.2	99.2	2,483.0
BUSTO A./GALLARATE	ANTWERP COMBINANT	98,164	1,061	6,652.9	355.8	6,297.2
BUSTO A./GALLARATE	ANTWERP HTA QUAI 468	354,867	1,061	23,698.8	1,265.3	22,433.6
BUSTO A./GALLARATE	BASEL WEIL	86,801	317	2,066.3	115.8	1,950.5
BUSTO A./GALLARATE	BARI SCALO FERRUCCIO	176,023	890	11,927.4	1,754.7	10,172.7
BUSTO A./GALLARATE	BARCELONA EL MORROT	69,777	1,066	5,123.7	358.3	4,765.3
BUSTO A./GALLARATE	BIRRFELD	47,945	253	998.1	37.1	961.0
BUSTO A./GALLARATE	BOLOGNA COGEFRIN	130,211	258	2,489.4	381.5	2,108.0
BUSTO A./GALLARATE	DUISBURG RHEINHAUSEN	194,529	872	12,393.9	1,755.8	10,638.1
BUSTO A./GALLARATE	FRENKENDORF -	3,259	318	73.7	4.3	69.4
BUSTO A./GALLARATE	GELEEN RTC	128,954	994	7,824.8	468.6	7,356.2
BUSTO A./GALLARATE	HAMBURG BILLWERDER	176,686	1,154	14,200.0	2,254.9	11,945.1
BUSTO A./GALLARATE	KOELN EIFELTOR UBF	331,148	809	19,437.4	2,693.9	16,743.6
BUSTO A./GALLARATE	KOELN NORD	297,382	822	17,797.7	2,477.5	15,320.2
BUSTO A./GALLARATE	LUDWIGSHAFEN KTL	568,709	587	24,359.5	2,744.5	21,615.0
BUSTO A./GALLARATE	MADDALONI-MARCIANISE	70,570	883	4,112.7	648.7	3,464.0
BUSTO A./GALLARATE	POMEZIA	1,121	688	52.8	8.0	44.8



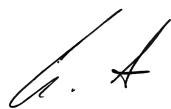
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Departure	Arrival	Cargo weight (t)	Distance (km)	CO ₂ truck (t)	CO ₂ train (t)	CO ₂ savings (t)
BUSTO A./GALLARATE	POMEZIA S.PALOMBA	163,447	688	7,697.4	1,166.7	6,530.7
BUSTO A./GALLARATE	ROTTERDAM RSC	440,256	1,094	32,218.9	1,899.6	30,319.3
BUSTO A./GALLARATE	SINGEN	264,738	307	6,537.8	283.0	6,254.8
BUSTO A./GALLARATE	TAULOV	173,049	1,434	17,045.1	2,775.2	14,269.9
BUSTO A./GALLARATE	TRIESTE MARINE	2,335	439	75.7	11.3	64.3
BUSTO A./GALLARATE	VENLO GREENPORT	119,191	907	7,719.5	1,117.6	6,601.9
BUSTO A./GALLARATE	ZEEBRUGGE PO FERRIES	244,494	1,147	17,393.8	933.4	16,460.4
CAVA TIGOZZI	HERNE	80,589	1,071	5,841.5	774.0	5,067.4
CHEPETZKAYA	KOSTARIKHA	4	498	0.2	0.0	0.1
CHIASO Z4	AARAU	77,648	230	1,400.2	7.0	1,393.2
CHIASO Z4	BASEL WOLF	39,333	282	841.6	4.2	837.3
CHERASCO	NOVARA CIM	597	152	7.4	1.2	6.2
DABROWA	GADKI	1,519	337	36.8	11.1	25.8
DOMODOSSOL A 2	GENK HAVEN	6,730	920	409.8	18.1	391.8
DOMODOSSOL A 2	GELEEN RTC	100,071	913	6,053.5	277.6	5,775.9
DOMODOSSOL A 2	HAMBURG BILLWERDER	57	1,116	4.5	0.7	3.9
DOMODOSSOL A 2	HANNOVER-LINDEN-HAFEN	11,769	946	822.7	111.9	710.8
DOMODOSSOL A 2	KARLSRUHE	118,987	473	4,462.9	370.8	4,092.0
DOMODOSSOL A 2	KOELN EIFELTOR UBF	28,392	771	1,661.2	206.6	1,454.6
DOMODOSSOL A 2	LUEBECK LEHMANNKAI	407	1,159	34.7	5.2	29.5
DOMODOSSOL A 2	LUEBECK RAIL BALTIC GATE	32,118	1,159	2,752.3	413.8	2,338.6



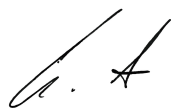
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DOMODOSSOL A 2	ZEEBRUGGE CLDN PORTS	47,595	1,106	3,370.6	140.6	3,230.0
DOERPEN DUK	DUISBURG RHEINHAUSEN	3,230	217	49.3	9.8	39.5
DUISBURG HOHENBUDBER	BRWINOW	6,338	1,099	611.6	148.7	462.9
DUISBURG HOHENBUDBER	GADKI	48,559	817	3,698.4	814.9	2,883.4
DUISBURG HOHENBUDBER	PORDENONE	82,805	1,134	3,526.8	345.6	3,181.2
DUISBURG HOHENBUDBER	SINGEN	179,181	571	379.3	31.5	347.9
DUISBURG HOHENBUDBER	WARSZAWA- PRUSZKOW	40,410	1,099	3,900.0	948.4	2,951.6
DUISBURG RHEINHAUSEN	ANTWERP COMBINANT	53	273	0.8	0.1	0.6
DUISBURG RHEINHAUSEN	BUDAPEST METRANS	28,063	1,296	2,482.9	364.2	2,118.7
DUISBURG RHEINHAUSEN	LUDWIGSHAFEN KTL	2,944	301	64.5	12.6	51.8
DUISBURG RHEINHAUSEN	ROTTERDAM RSC	298	254	4.6	0.7	3.9
DUISBURG RHEINHAUSEN	WIEN WIENCONT	264,713	1,026	18,837.4	2,877.8	15,959.6
DUISBURG RHEINHAUSEN	ANTWERP COMBINANT	1,324	273	19.4	3.2	16.2
DUISBURG RHEINHAUSEN	BUNA VALUEPARK	22,771	462	719.4	146.1	573.3
DUISBURG RHEINHAUSEN	BUSTO A./GALLARATE	372,596	872	23,739.0	3,363.0	20,376.0
DUISBURG RHEINHAUSEN	SCHWARZHEID E BASF	66,789	586	3,320.9	633.8	2,687.1
EGORIEVSK	BREST- SEWERNYI	61	1,240	5.4	1.3	4.1
FRENKENDORF -	BUSTO A./GALLARATE	2,791	318	63.1	3.7	59.4
GADKI	ANTWERP COMBINANT	4,316	1,084	312.1	65.1	246.9
GADKI	BRWINOW	4,447	305	93.1	31.4	61.7
GADKI	DABROWA	358	337	8.7	2.6	6.1



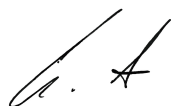
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GADKI	DUISBURG HOHENBUDBER	43,720	817	3,329.8	733.7	2,596.1
GADKI	KATY WROCLAWSKIE	1,373	194	18.4	6.1	12.3
GADKI	WARSZAWA- PRUSZKOW	32,664	305	683.6	230.5	453.1
GAEVLE CT	MALMOE	5	700	0.2	0.0	0.2
GENK HAVEN	BUSTO A./GALLARATE	46,146	958	2,818.6	163.5	2,655.1
GENK HAVEN	DOMODOSSOL A 2	38,272	920	2,330.5	102.7	2,227.8
GENK HAVEN	NOVARA CIM	112,332	1,008	7,085.9	367.5	6,718.4
GENK HAVEN	SACCONAGO MALPENSA INT.	296,746	988	18,441.6	1,065.8	17,375.8
GELEEN RTC	BUSTO A./GALLARATE	173,683	994	10,539.0	631.1	9,907.9
GELEEN RTC	DOMODOSSOL A 2	105,355	913	6,373.1	292.2	6,080.9
GELEEN RTC	MOERDIJK	76,469	159	891.9	136.2	755.6
GELEEN RTC	NOVARA CIM	859	1,002	53.8	2.9	50.9
GELEEN RTC	PADOVA INTERPORTO	145,784	1,279	11,524.6	796.3	10,728.3
GELEEN RTC	SACCONAGO MALPENSA INT.	2,708	982	167.2	10.0	157.2
GELEEN RTC	WIEN WIENCONT	114,813	1,106	8,429.1	1,327.6	7,101.5
GLIWICE SOSNICA	PORDENONE	10,786	876	698.8	93.5	605.3
GOETEBORG ARKEN	MALMOE	2,078	300	38.8	0.4	38.4
HAMBURG BURCHARDKAI	SINGEN	7,771	850	454.5	90.0	364.5
HALKALI	WIEN WIENCONT	108,753	1,836	12,474.9	3,055.9	9,419.1
HAMBURG BILLWERDER	BASEL WEIL	1,366	837	81.5	15.6	65.9
HAMBURG BILLWERDER	BUSTO A./GALLARATE	195,641	1,154	15,723.4	2,496.8	13,226.6



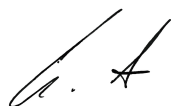
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HAMBURG BILLWERDER	DOMODOSSOL A 2	139	1,116	11.1	1.7	9.5
HAMBURG BILLWERDER	KIEL OSTUFERHAFE	2,605	122	21.5	4.6	16.9
HAMBURG BILLWERDER	KIEL SCHWEDENKAI	11,226	122	91.2	18.7	72.5
HAMBURG BILLWERDER	KOELN EIFELTOR UBF	14,679	495	460.5	86.8	373.7
HAMBURG BILLWERDER	LEHRTE MEGAHUB	68	174	0.8	0.2	0.6
HAMBURG BILLWERDER	LUDWIGSHAFFEN KTL	247	592	10.3	2.0	8.3
HAMBURG BILLWERDER	NOVARA BOSCHETTO	774	1,204	63.7	9.7	54.0
HAMBURG BILLWERDER	TAULOV	4,544	298	88.0	16.1	71.9
HAMBURG BILLWERDER	LUEBECK RAIL BALTIC GATE	9,235	85	58.2	11.1	47.1
HANNOVER- LINDEN-HAFEN	DOMODOSSOL A 2	16,681	946	1,166.1	158.5	1,007.5
HANNOVER- LINDEN-HAFEN	NOVARA CIM	99,896	1,034	7,201.9	1,008.2	6,193.7
HAMBURG-WHO ALTENW. CTA	SINGEN	9,821	850	574.4	113.7	460.7
HAMBURG- WALTERSH.	SINGEN	7,437	850	436.2	86.4	349.8
HERNE	CAVA TIGOZZI	34,558	1,071	2,504.9	331.9	2,173.0
HOJE	KOELN EIFELTOR UBF	2,340	922	148.7	26.0	122.7
HOJE	TAULOV	22,682	206	329.3	44.0	285.3
KARAGANDA	BREST- SEWERNYI	4	4,177	1.2	0.3	0.9
KARLSRUHE	DOMODOSSOL A 2	117,020	473	4,389.0	364.7	4,024.3
KARLSRUHE	NOVARA CIM	69,470	561	2,757.4	257.3	2,500.1
KATY WROCLAWSKIE	GADKI	514	194	6.9	2.3	4.6
KATY WROCLAWSKIE	SCHWARZHEID E BASF	13,966	245	645.1	152.2	492.9



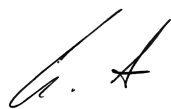
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Departure	Arrival	Cargo weight (t)	Distance (km)	CO ₂ truck (t)	CO ₂ train (t)	CO ₂ savings (t)
KAZAHSTAN	BREST-SEWERNYI	102	2,310	18.2	4.6	13.6
KIEL OSTUFERHAFF	HAMBURG BILLWERDER	2,863	122	23.7	5.1	18.6
KIEL SCHWEDENKAI	HAMBURG BILLWERDER	13,502	122	109.7	22.5	87.2
KOELN EIFELTOR UBF	AARAU	78,776	549	3,087.0	537.8	2,549.2
KOELN EIFELTOR UBF	BIRRFELD	107,987	559	4,235.3	737.6	3,497.7
KOELN EIFELTOR UBF	BUSTO A./GALLARATE	348,199	809	20,438.3	2,832.6	17,605.7
KOELN EIFELTOR UBF	DOMODOSSOLA 2	21,870	771	1,279.6	159.1	1,120.5
KOELN EIFELTOR UBF	HAMBURG BILLWERDER	5,072	495	159.1	30.0	129.1
KOELN EIFELTOR UBF	HOJE	17,035	922	1,082.5	189.5	893.0
KOELN EIFELTOR UBF	MALMOE	121,019	983	8,119.4	1,386.4	6,733.0
KOELN EIFELTOR UBF	NOVARA CIM	121,862	859	7,396.5	958.2	6,438.3
KOELN EIFELTOR UBF	ROTHRIST	57,156	548	2,217.3	390.1	1,827.2
KOELN EIFELTOR UBF	VERONA QUADRANTE	1,595	1,045	113.5	14.4	99.1
KOELN NORD	BUSTO A./GALLARATE	351,804	822	21,054.8	2,930.9	18,123.9
KORNWESTHEIM UBF	BREMERHAVEN	253	681	12.5	2.4	10.1
KORNWESTHEIM UBF	ROTTERDAM ECT DELTA	14,694	639	684.2	117.5	566.7
KOSTARIKHA	BREST-SEWERNYI	4,340	1,630	483.4	113.4	370.0
KRASNOYARSK	BREST-SEWERNYI	16	5,133	6.1	1.3	4.9
KUPCHINSKAYA	BREST-SEWERNYI	589	1,301	52.7	17.0	35.7
KUZNetsk	BREST-SEWERNYI	8	1,815	1.0	0.3	0.8
LAGERNAYA	BREST-SEWERNYI	82	1,914	11.5	2.6	8.9



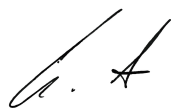
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Departure	Arrival	Cargo weight (t)	Distance (km)	CO ₂ truck (t)	CO ₂ train (t)	CO ₂ savings (t)
LEHRTE MEGAHUB	LUDWIGSHAFEN KTL	68	437	2.1	0.4	1.7
LODZ	ORADEA INTERMODAL	7,190	1,065	416.9	110.1	306.8
LUEBECK LEHMANNKAI	DOMODOSSOLA 2	631	1,159	53.8	8.1	45.7
LUEBECK LEHMANNKAI	NOVARA BOSCHETTO	4,204	1,247	368.3	56.6	311.7
LUEBECK LEHMANNKAI	NOVARA CIM	1,024	1,247	89.7	13.8	75.9
MALASZEWICZE	SCHWARZHEIDEN BASF	27,203	790	1,970.4	517.5	1,452.9
MALMOE	ALNABRU (OSLO)	444	540	17.5	0.2	17.4
MALMOE	AARSTA-KOMBI	1,368	591	57.4	0.6	56.8
MALMOE	ESKILSTUNA DRY PORT	315	558	12.1	0.1	12.0
MALMOE	GAEVLE CT	619	700	33.5	0.3	33.2
MALMOE	GOETEBORG ARKEN	2,189	300	40.9	0.5	40.5
MALMOE	KOELN EIFELTOR UBF	83,979	983	5,634.3	962.1	4,672.2
MALMOE	SUNDSVALL-CT	1,960	932	134.4	1.3	133.1
LUDWIGSHAFEN KTL	ANTWERP COMBINANT	91,761	502	2,930.5	495.0	2,435.6
LUDWIGSHAFEN KTL	ANTWERP COMBINANT	227	null	7.2	1.2	6.0
LUDWIGSHAFEN KTL	BUNA VALUEPARK	69,317	440	2,164.2	412.9	1,751.3
LUDWIGSHAFEN KTL	BUNA VALUEPARK	292	null	9.1	1.7	7.4
LUDWIGSHAFEN KTL	BUSTO A./GALLARATE	751,681	587	32,196.7	3,627.5	28,569.2
LUDWIGSHAFEN KTL	DOERPEN DUK	5,745	502	207.3	40.2	167.1
LUDWIGSHAFEN KTL	HAMBURG BILLWERDER	1,134	592	47.5	9.3	38.3
LUDWIGSHAFEN KTL	NOVARA CIM	141,670	637	6,351.3	645.1	5,706.2



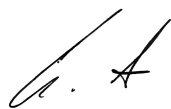
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Departure	Arrival	Cargo weight (t)	Distance (km)	CO ₂ truck (t)	CO ₂ train (t)	CO ₂ savings (t)
LUDWIGSHAFEN KTL	ROTTERDAM RSC	231,786	523	8,107.1	1,468.7	6,638.4
LUDWIGSHAFEN KTL	SCHWARZHEIDE BASF	163,461	594	9,907.7	1,960.4	7,947.3
LUDWIGSHAFEN KTL	SCHWARZHEIDE BASF	151	null	9.1	1.8	7.3
LUDWIGSHAFEN KTL	LUEBECK RAIL BALTIC GATE	297	635	14.1	2.7	11.4
LUDWIGSHAFEN KTL	WIEN WIENCONT	94,089	796	5,064.3	763.2	4,301.2
LUDWIGSHAFEN KTL	ZEEBRUGGE CLDN PORTS	100,550	626	3,749.1	571.2	3,177.9
LUDWIGSHAFEN KTL	ZEEBRUGGE CLDN PORTS	578	null	21.5	3.3	18.2
MANOPPELLO INT. D'ABRUZZO	NOVARA CIM	124,515	663	6,056.1	910.3	5,145.8
MADDALONI-MARCIANISE	BUSTO A./GALLARATE	63,224	833	3,684.6	581.2	3,103.4
MANNHEIM CONTARGO	ROTTERDAM RSC	121,843	522	4,306.7	772.7	3,534.0
MELZO	ROTTERDAM RSC	203,648	1,097	15,656.0	771.6	14,884.4
MINSK	BREST-SEWERNYI	83	353	2.1	0.5	1.6
MOERDIJK	GELEEN RTC	26,577	159	310.0	47.3	262.6
MOGILEV	BREST-SEWERNYI	316	548	12.6	3.5	9.1
VOSTOKTRANS	AVTOVO	3	1,175	0.1	0.0	0.1
VOSTOKTRANS	BREST-SEWERNYI	12,156	1,105	939.6	224.6	715.0
VOSTOKTRANS	CHEPETZKAYA	29	1,036	2.4	0.5	1.9
VOSTOKTRANS	KOSTARIKHA	297	480	10.5	2.6	8.0
VOSTOKTRANS	NIZHNIY NOVGOROD	109	530	3.8	0.9	2.9
VOSTOKTRANS	YURYEVETS	31	283	0.7	0.2	0.6
MONTHHEY	AARAU	16,384	248	234.9	1.1	233.8



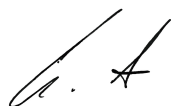
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Departure	Arrival	Cargo weight (t)	Distance (km)	CO ₂ truck (t)	CO ₂ train (t)	CO ₂ savings (t)
MUENCHEN RIEM	ROTTERDAM RSC	5,874	880	362.2	65.8	296.4
NIZHNIY NOVGOROD	AVTOVO	22	1,266	1.8	0.4	1.4
NIZHNIY NOVGOROD	BREST-SEWERNYI	11,606	1,647	1,293.0	303.3	989.7
NOVARA BOSCHETTO	ASCHAFFENBURG TCA	37,986	717	1,905.2	216.5	1,688.7
NOVARA BOSCHETTO	HAMBURG BILLWERDER	842	1,204	69.3	10.5	58.8
NOVARA BOSCHETTO	LUEBECK LEHMANNKAI	3,608	1,247	316.1	48.6	267.5
NOVARA BOSCHETTO	LUEBECK RAIL BALTIC GATE	158,693	1,247	13,946.3	2,137.8	11,808.5
NOLA INTERPORTO	BOLOGNA COGEFRIN	1,098	574	46.8	7.3	39.4
NOVARA CIM	ANTWERP HTA QUAI 468	36,293	1,082	2,496.2	119.5	2,376.7
NOVARA CIM	BARI SCALO FERRUCCIO	52,096	909	3,646.1	542.5	3,103.6
NOVARA CIM	BUSTO A./GALLARATE	307	49	0.7	0.2	0.5
NOVARA CIM	GENK HAVEN	107,453	1,008	6,778.1	351.5	6,426.6
NOVARA CIM	GELEEN RTC	1,051	1,002	65.8	3.5	62.3
NOVARA CIM	HANNOVER-LINDEN-HAFEN	68,381	1,034	4,929.8	690.1	4,239.7
NOVARA CIM	KARLSRUHE	74,855	561	2,971.2	277.3	2,693.9
NOVARA CIM	KOELN EIFELTOR UBF	117,125	859	7,109.0	920.9	6,188.0
NOVARA CIM	LUEBECK LEHMANNKAI	834	1,247	73.0	11.2	61.8
NOVARA CIM	LUDWIGSHAFEN KTL	125,306	637	5,617.7	570.6	5,047.1
NOVARA CIM	MANOPPELLO INT. D'ABRUZZO	162,362	663	7,896.8	1,187.0	6,709.9
NOVARA CIM	PARIS BONNEUIL-	135,997	852	8,020.2	260.2	7,759.9
NOVARA CIM	POMEZIA	34,128	698	1,683.3	258.8	1,424.5



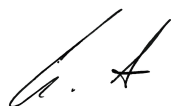
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Departure	Arrival	Cargo weight (t)	Distance (km)	CO ₂ truck (t)	CO ₂ train (t)	CO ₂ savings (t)
NOVARA CIM	ROTTERDAM EUROPOORT	185,579	1,144	14,259.5	796.8	13,462.8
NOVARA CIM	ROTTERDAM RSC	141,037	1,144	10,603.3	570.2	10,033.1
NOVARA CIM	LUEBECK RAIL BALTIC GATE	38,540	1,247	3,386.9	519.2	2,867.8
NOVARA CIM	ZEEBRUGGE CLDN PORTS	232,937	1,197	17,005.2	825.0	16,180.2
OMSK	AVTOVO	23	3,011	5.8	1.2	4.6
OMSK	NIZHNIY NOVGOROD	81	2,238	13.8	2.9	10.8
ORADEA INTERMODAL	LODZ	6,424	1,065	372.5	98.3	274.1
ORADEA INTERMODAL	PIACENZA INTERMODALE	29,705	1,279	2,564.3	376.8	2,187.5
ORADEA INTERMODAL	ROTTERDAM EUROPOORT	2,555	1,775	317.8	46.7	271.1
ORADEA INTERMODAL	WIEN WIENCONT	947	580	35.0	4.9	30.1
ORADEA INTERMODAL	ZEEBRUGGE PO FERRIES	31,011	1,806	3,895.0	538.7	3,356.3
OTRADNY	BREST-SEWERNYI	169	2,274	27.7	6.4	21.4
OTRADNY	NIZHNIY NOVGOROD	113	1,500	6.6	1.6	5.0
PARIS BONNEUIL-	NOVARA CIM	134,647	852	7,940.6	257.7	7,682.9
PADOVA INTERPORTO	GELEEN RTC	123,836	1,279	9,789.5	676.4	9,113.1
PANCEVO DPT	WIEN WIENCONT	2,452	675	111.7	21.6	90.1
PERPIGNAN-ROUSSILLON	ANTWERP COMBINANT	12,534	1,202	1,109.1	38.1	1,071.0
PIACENZA INTERMODALE	ORADEA INTERMODAL	61,252	1,279	5,287.6	776.9	4,510.7
PIACENZA INTERMODALE	WIEN WIENCONT	256	821	15.8	1.7	14.1
PIACENZA INTERMODALE	WUPPERTAL-LANGERFELD	107,525	985	7,483.8	965.0	6,518.7
INT.SERV. PLOIESTI	WIEN WIENCONT	30,500	1,042	2,404.4	346.6	2,057.8



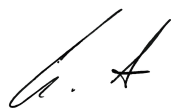
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Departure	Arrival	Cargo weight (t)	Distance (km)	CO ₂ truck (t)	CO ₂ train (t)	CO ₂ savings (t)
POMEZIA	BUSTO A./GALLARATE	103	688	4.9	0.7	4.1
POMEZIA	NOVARA CIM	29,782	698	1,468.9	225.8	1,243.1
POMEZIA S.PALOMBA	BUSTO A./GALLARATE	138,045	688	6,501.1	985.4	5,515.7
PORDENONE	DUISBURG HOHENBUDBER	102,279	1,134	4,356.2	426.9	3,929.3
PORDENONE	GLIWICE SOSNICA	10,593	876	686.3	91.8	594.4
PORDENONE	NOVARA CIM	54	361	1.6	0.2	1.3
PORDENONE	ROTTERDAM CLDN PORTS	67,077	1,376	5,950.6	1,042.9	4,907.7
PORDENONE	ZEEBRUGGE PO FERRIES	21	1,409	1.8	0.1	1.7
PREDPORTOVA YA	BREST-SEWERNYI	1,305	1,270	116.3	37.7	78.5
ROTTERDAM BOTLEK	BUDAPEST METRANS	2,320	1,548	240.5	35.0	205.5
ROTTERDAM BOTLEK	ROTTERDAM RSC	126,049	18	165.9	37.5	128.4
ROTTERDAM BOTLEK	SCHWARZHEID E BASF	5,430	811	322.5	59.6	262.9
ROTTERDAM BOTLEK	WIEN WIENCONT	91,033	1,263	7,862.5	1,182.8	6,679.7
ROTTERDAM CLDN PORTS	BUDAPEST METRANS	3,357	1,548	348.0	50.7	297.3
ROTTERDAM CLDN PORTS	PORDENONE	77,052	1,376	6,835.5	1,197.9	5,637.5
ROTTERDAM CLDN PORTS	WIEN WIENCONT	127,667	1,263	11,026.5	1,658.8	9,367.7
ROTTERDAM EUROPOORT	NOVARA CIM	183,513	1,144	14,100.8	787.9	13,312.9
ROTTERDAM EUROPOORT	ORADEA INTERMODAL	5,025	1,775	625.0	91.8	533.2
ROTHRIST	KOELN EIFELTOR UBF	16,735	543	649.2	114.2	535.0
ROTTERDAM RSC	BASEL WOLF	142,238	782	7,055.4	425.1	6,630.3
ROTTERDAM RSC	BRESCIA	120,534	1,182	9,797.7	542.5	9,255.3



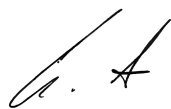
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ROTTERDAM RSC	BUSTO A./GALLARATE	541,632	1,094	39,637.9	2,337.0	37,300.9
ROTTERDAM RSC	DUISBURG RHEINHAUSEN	30	254	0.5	0.1	0.4
ROTTERDAM RSC	LUDWIGSHAFEN KTL	233,593	523	8,170.3	1,480.2	6,690.2
ROTTERDAM RSC	MANNHEIM CONTARGO	82,504	522	2,916.2	523.2	2,393.0
ROTTERDAM RSC	MELZO	176,331	1,097	13,555.9	668.1	12,887.8
ROTTERDAM RSC	MUENCHEN RIEM	16,241	880	1,001.5	181.9	819.5
ROTTERDAM RSC	NOVARA CIM	143,708	1,144	10,804.1	581.0	10,223.1
ROTTERDAM RSC	NOVARA CIM	16	1,115	1.1	0.1	1.1
ROTTERDAM RSC	ROTTERDAM BOTLEK	69,559	18	91.5	20.7	70.8
ROTTERDAM RSC	ROTTERDAM ECT DELTA	65,395	42	209.5	36.5	173.0
ROTTERDAM RSC	VERONA QUADRANTE	204,871	1,308	17,555.4	1,066.2	16,489.1
ROTTERDAM ECT DELTA	ROTTERDAM RSC	51,243	42	164.2	28.6	135.6
SACCONAGO MALPENSA INT.	GENK HAVEN	235,926	988	14,661.9	847.4	13,814.5
SACCONAGO MALPENSA INT.	GELEEN RTC	1,026	988	63.3	3.8	59.5
SALAVAT	BREST-SEWERNYI	606	2,799	117.2	28.7	88.5
SCHWARZHEIDE BASF	ANTWERP COMBINANT	28,674	805	1,805.9	326.5	1,479.4
SCHWARZHEIDE BASF	BUNA VALUEPARK	1,877	164	65.6	11.6	54.1
SCHWARZHEIDE BASF	DUISBURG RHEINHAUSEN	27,040	586	1,344.5	256.6	1,087.9
SCHWARZHEIDE BASF	KATY WROCLAWSKIE	11,580	245	534.9	126.2	408.7
SCHWARZHEIDE BASF	MALASZEWICZE	27,554	790	1,995.9	524.2	1,471.7
SCHWARZHEIDE BASF	LUDWIGSHAFEN KTL	106,925	583	6,481.0	1,282.4	5,198.6



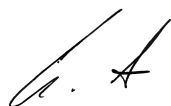
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SCHWARZHEID E BASF	ROTTERDAM BOTLEK	634	811	37.6	7.0	30.7
SCHWARZHEID E BASF	SLAWKOW EUROTERMINA	8,284	445	514.3	125.9	388.4
SEMEY	BREST- SEWERNYI	47	4,674	15.8	4.1	11.7
SHAKSHA	BREST- SEWERNYI	493	2,637	90.7	22.1	68.5
SHUSHARY	BREST- SEWERNYI	3,082	1,252	284.9	87.4	197.5
SHUSHARY	KOSTARIKHA	19	1,100	1.6	0.3	1.3
SINGEN	BRESCIA	247,792	395	8,127.5	442.9	7,684.6
SINGEN	BUSTO A./GALLARATE	216,170	307	5,338.4	231.1	5,107.3
SINGEN	DUISBURG HOHENBUDBER	78,742	571	166.7	13.8	152.9
SINGEN	HAMBURG BURCHARDKAI	2,259	850	132.1	26.2	105.9
SINGEN	HAMBURG-WHO ALTENW. CTA	6,324	850	369.9	73.2	296.6
SINGEN	HAMBURG- WALTERSH.	3,312	850	194.2	38.5	155.8
SLAWKOW EUROTERMINA	SCHWARZHEID E BASF	9,250	445	574.3	140.6	433.7
STABIO	AARAU	91,832	224	1,642.5	8.2	1,634.3
STABIO	BASEL WOLF	394	284	8.4	0.0	8.3
SUNDSVALL-CT	MALMOE	124	932	8.5	0.1	8.4
STARA ZAGORA	WIEN WIENCONT	986	1,257	89.4	20.7	68.8
TAULOV	BUSTO A./GALLARATE	123,249	1,434	12,139.9	1,976.6	10,163.3
TAULOV	HAMBURG BILLWERDER	4,296	298	83.2	15.2	68.0
TAULOV	HOJE	37,243	206	540.7	72.2	468.4
TERNEUZEN VALUEPARK	ANTWERP COMBINANT	114,986	114	550.3	96.6	453.8



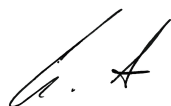
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Departure	Arrival	Cargo weight (t)	Distance (km)	CO ₂ truck (t)	CO ₂ train (t)	CO ₂ savings (t)
TOBOLSK	BREST-SEWERNYI	24	3,339	6.0	1.3	4.7
TOLYATTI	BREST-SEWERNYI	13	2,079	2.0	0.4	1.5
LUEBECK RAIL BALTIC GATE	DOMODOSSOL A 2	56,106	1,159	4,808.1	722.8	4,085.2
LUEBECK RAIL BALTIC GATE	HAMBURG BILLWERDER	17,157	85	108.1	20.6	87.5
LUEBECK RAIL BALTIC GATE	LUDWIGSHAFEN KTL	1,612	635	76.5	14.7	61.8
LUEBECK RAIL BALTIC GATE	NOVARA BOSCHETTO	197,519	1,247	17,358.5	2,660.8	14,697.7
LUEBECK RAIL BALTIC GATE	NOVARA CIM	49,408	1,247	4,342.1	665.6	3,676.5
TRIESTE MARINE	BUSTO A./GALLARATE	8,101	439	262.6	39.4	223.2
TSCHERUSTI	BREST-SEWERNYI	163	1,333	15.8	3.5	12.3
TSENTROLIT	BREST-SEWERNYI	8	548	0.3	0.1	0.2
VENLO GREENPORT	BUSTO A./GALLARATE	145,855	907	9,446.5	1,367.6	8,078.9
VISP	AARAU	97,255	157	1,537.3	5.8	1,531.5
VLADIVOSTOK	BREST-SEWERNYI	140	10,317	101.2	23.2	78.0
VLADIVOSTOK	SBORNAYA UGOLNAYA	118	9,000	77.7	17.7	60.1
VLADIVOSTOK	YURYEVETS	59	8,130	39.3	9.0	30.3
VOLZHSKIY PRIVOLGSKYIC	BREST-SEWERNYI	1,128	2,014	152.4	42.5	109.9
VOSTOCHNY	BREST-SEWERNYI	95	10,469	69.7	16.0	53.7
VERONA QUADRANTE	ANTWERP COMBINANT	86,920	1,275	6,978.0	392.4	6,585.7
VERONA QUADRANTE	KOELN EIFELTOR UBF	67	1,045	4.7	0.6	4.1
VERONA QUADRANTE	ROTTERDAM RSC	150,033	1,308	12,856.3	780.8	12,075.5
WARSZAWA-PRUSZKOW	ANTWERP COMBINANT	34,476	1,321	3,194.8	751.0	2,443.8



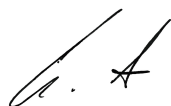
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Departure	Arrival	Cargo weight (t)	Distance (km)	CO ₂ truck (t)	CO ₂ train (t)	CO ₂ savings (t)
WARSZAWA-PRUSZKOW	BREST-SEWERNYI	11,086	228	186.4	59.2	127.1
WARSZAWA-PRUSZKOW	DUISBURG HOHENBUDBER	19,640	1,099	1,895.4	460.9	1,434.5
WARSZAWA-PRUSZKOW	GADKI	41,338	305	865.1	291.7	573.4
WIEN WIENCONT	BUDAPEST METRANS	198,247	270	3,473.8	432.8	3,041.0
WIEN WIENCONT	DUISBURG RHEINHAUSEN	174,447	1,026	12,414.0	1,896.5	10,517.5
WIEN WIENCONT	GELEEN RTC	102,095	1,106	7,495.4	1,180.6	6,314.8
WIEN WIENCONT	HALKALI	131,725	1,836	15,110.1	3,701.4	11,408.7
WIEN WIENCONT	LUDWIGSHAFEN KTL	67,081	796	3,610.6	544.1	3,066.5
WIEN WIENCONT	ORADEA INTERMODAL	1,826	580	67.4	9.5	58.0
WIEN WIENCONT	PANCEVO DPT	18,257	675	831.7	161.2	670.6
WIEN WIENCONT	INT.SERV. PLOIESTI	88,081	1,042	6,943.7	1,001.0	5,942.7
WIEN WIENCONT	ROTTERDAM BOTLEK	53,093	1,263	4,585.6	689.8	3,895.7
WIEN WIENCONT	ROTTERDAM CLDN PORTS	124,068	1,263	10,715.7	1,612.0	9,103.6
WIEN WIENCONT	STARA ZAGORA	7,140	1,257	648.2	149.8	498.4
WUPPERTAL-LANGERFELD	PIACENZA INTERMODALE	101,091	985	7,036.0	907.3	6,128.7
YURYEVETS	BREST-SEWERNYI	352	1,383	22.7	6.0	16.7
ZEEBRUGGE CLDN PORTS	BOLOGNA INTERPORTO	57,852	1,390	5,145.0	323.1	4,821.9
ZEEBRUGGE CLDN PORTS	DOMODOSSOLA 2	48,372	1,106	3,425.6	142.9	3,282.7
ZEEBRUGGE CLDN PORTS	LUDWIGSHAFEN KTL	33,125	626	1,235.1	188.2	1,046.9
ZEEBRUGGE CLDN PORTS	NOVARA CIM	219,104	1,197	15,995.4	776.0	15,219.4
ZEEBRUGGE PO FERRIES	BUSTO A./GALLARATE	198,528	1,147	14,123.7	757.9	13,365.8



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Departure	Arrival	Cargo weight (t)	Distance (km)	CO ₂ truck (t)	CO ₂ train (t)	CO ₂ savings (t)
ZEEBRUGGE PO FERRIES	GENK HAVEN	12,113	199	174.5	12.3	162.2
ZEEBRUGGE PO FERRIES	NOVARA CIM	773	1,197	56.5	2.7	53.7
ZEEBRUGGE PO FERRIES	ORADEA INTERMODAL	57,250	1,806	7,190.6	994.5	6,196.0



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