



Chiasso, 04.12.2023

Environmental certification for Loblein Transport GmbH

Hupac certifies that **Loblein Transport GmbH** has used combined transport services and thus reduced the environmental footprint in the amount of:

7,852 t of CO₂

Period From 1 January 2022 to 31 December 2022

Relations Network of Hupac Intermodal Ltd

Calculation parameters

Cargo weight 151.5 thousand tonnes

Combined transport

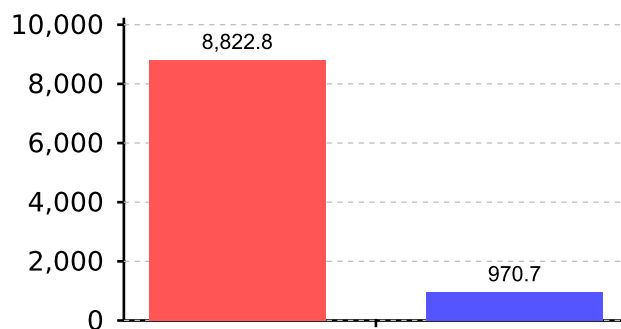
Long train (1,500 t), emission standard electrified, load factor 80%, empty trip factor 20%, transhipment

Road trasport

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)

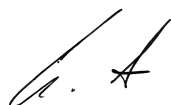


■ Truck ■ Train

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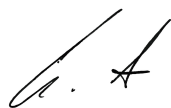
Details

Departure	Arrival	Cargo weight (t)	Distance (km)	CO ₂ truck (t)	CO ₂ train (t)	CO ₂ savings (t)
ANTWERP COMBINANT	LUDWIGSHAFEN KTL	34	502	1.1	0.2	0.9
ANTWERP COMBINANT	VERONA QUADRANTE	64	1,275	5.1	0.3	4.8
BOLOGNA COGEFRIN	BUSTO A./GALLARATE	1,091	258	20.9	3.2	17.7
BOLOGNA COGEFRIN	NOLA INTERPORTO	64	574	2.7	0.4	2.3
BRESCIA	ROTTERDAM RSC	285	1,183	23.2	1.3	21.9
BRESCIA	SINGEN	2,281	395	74.8	4.1	70.7
BUNA VALUEPARK	LUDWIGSHAFEN KTL	18	440	0.5	0.1	0.4
BUSTO A./GALLARATE	BARI SCALO FERRUCCIO	349	890	23.6	3.5	20.2
BUSTO A./GALLARATE	BOLOGNA COGEFRIN	64	258	1.2	0.2	1.0
BUSTO A./GALLARATE	HAMBURG BILLWERDER	449	1,154	36.0	5.7	30.3
BUSTO A./GALLARATE	KOELN EIFELTOR UBF	34,846	809	2,045.3	283.5	1,761.9
BUSTO A./GALLARATE	KOELN NORD	536	822	32.1	4.5	27.6
BUSTO A./GALLARATE	LUDWIGSHAFEN KTL	15,462	587	662.3	74.6	587.7
BUSTO A./GALLARATE	MADDALONI- MARCIANISE	313	883	18.2	2.9	15.3
BUSTO A./GALLARATE	POMEZIA S.PALOMBA	749	688	35.2	5.3	29.9
BUSTO A./GALLARATE	ROTTERDAM RSC	17,208	1,094	1,259.3	74.2	1,185.0
BUSTO A./GALLARATE	SINGEN	153	307	3.8	0.2	3.6
BUSTO A./GALLARATE	TAULOV	2,568	1,434	252.9	41.2	211.7
BUSTO A./GALLARATE	VENLO GREENPORT	32	907	2.0	0.3	1.7
DOERPEN DUK	DUISBURG RHEINHAUSEN	8	217	0.1	0.0	0.1



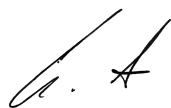
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Departure	Arrival	Cargo weight (t)	Distance (km)	CO ₂ truck (t)	CO ₂ train (t)	CO ₂ savings (t)
DUISBURG HOHENBUDBER	SINGEN	2,624	571	5.6	0.5	5.1
HANNOVER- LINDEN-HAFEN	NOVARA CIM	61	1,034	4.3	0.6	3.7
KARLSRUHE	NOVARA CIM	97	561	3.8	0.4	3.5
KOELN EIFELTOR UBF	BUSTO A./GALLARATE	16,811	809	986.7	136.8	850.0
KOELN NORD	BUSTO A./GALLARATE	2,523	822	151.0	21.0	130.0
LUDWIGSHAFE N KTL	BUNA VALUEPARK	306	440	9.5	1.8	7.7
LUDWIGSHAFE N KTL	BUSTO A./GALLARATE	10,436	587	447.0	50.4	396.6
MADDALONI- MARCIANISE	BUSTO A./GALLARATE	11,604	833	676.2	106.7	569.6
NOLA INTERPORTO	BOLOGNA COGEFRIN	659	574	28.1	4.4	23.7
NOVARA CIM	HANNOVER- LINDEN-HAFEN	30	1,034	2.2	0.3	1.9
NOVARA CIM	KARLSRUHE	25	561	1.0	0.1	0.9
POMEZIA S.PALOMBA	BUSTO A./GALLARATE	1,113	688	52.4	7.9	44.5
ROTTERDAM RSC	BRESCIA	418	1,183	33.9	1.9	32.1
ROTTERDAM RSC	BUSTO A./GALLARATE	4,048	1,094	296.2	17.5	278.7
ROTTERDAM RSC	LUDWIGSHAFE N KTL	1,009	491	35.3	6.4	28.9
ROTTERDAM RSC	MANNHEIM CONTARGO	51	490	1.8	0.3	1.5
ROTTERDAM RSC	ROTTERDAM BOTLEK	187	18	0.2	0.1	0.2
ROTTERDAM RSC	VERONA QUADRANTE	9,597	1,308	822.4	49.9	772.4
SINGEN	BRESCIA	2,836	395	93.0	5.1	87.9
SINGEN	BUSTO A./GALLARATE	220	307	5.4	0.2	5.2
SINGEN	DUISBURG HOHENBUDBER	1,969	571	4.2	0.3	3.8



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Departure	Arrival	Cargo weight (t)	Distance (km)	CO ₂ truck (t)	CO ₂ train (t)	CO ₂ savings (t)
VENLO GREENPORT	BUSTO A./GALLARATE	2,290	907	148.3	21.5	126.8
VERONA QUADRANTE	ANTWERP COMBINANT	116	1,275	9.3	0.5	8.7
VERONA QUADRANTE	ROTTERDAM RSC	5,892	1,308	504.8	30.7	474.1



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