



# Environmental certification for Cooperativa Paratori Genova A R.L.

Hupac certifies that **Cooperativa Paratori Genova A R.L.** has used combined transport services and thus reduced the environmental footprint in the amount of:

## 6,798 t of CO<sub>2</sub>

**Period** From 1 January 2018 to 31 December 2018

### Calculation parameters

**Cargo weight** 109.6 thousand tonnes

#### Combined transport

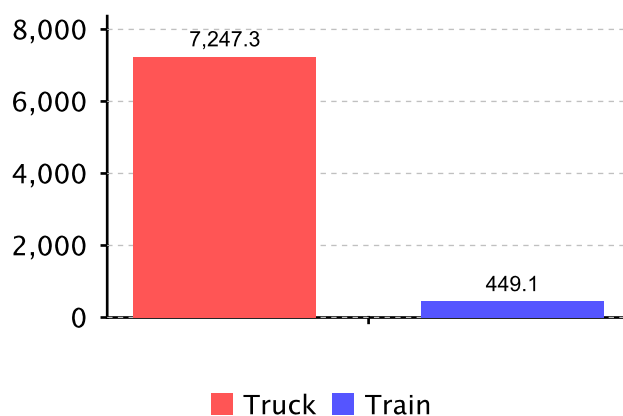
Long train (1,500 t), emission standard electrified, load factor 80%, empty trip factor 20%, transshipment

#### Road trasport

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

**Calculator** [www.ecotransit.org](http://www.ecotransit.org)

### Comparison of CO<sub>2</sub> emissions (t)



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## Details

Departure	Arrival	Cargo weight (t)	Distance (km)	CO <sub>2</sub> truck (t)	CO <sub>2</sub> train (t)	CO <sub>2</sub> savings (t)
ANTWERP COMBINANT	BARCELONA EL MORROT	606	1,417	62.1	2.6	59.5
ANTWERP COMBINANT	BUSTO A./GALLARATE	4,429	1,061	298.7	16.0	282.7
ANTWERP COMBINANT	VERONA QUADRANTE	1,947	1,275	155.6	8.8	146.8
ANTWERP HTA QUAI 468	BUSTO A./GALLARATE	25,065	1,061	1,665.9	89.4	1,576.6
BASEL WEIL	BUSTO A./GALLARATE	124	317	2.9	0.2	2.7
BARCELONA EL MORROT	ANTWERP COMBINANT	281	1,417	28.8	1.2	27.6
BARCELONA EL MORROT	BUSTO A./GALLARATE	816	1,066	58.9	4.2	54.7
BRESCIA	SINGEN	3,089	395	100.0	5.6	94.5
BUSTO A./GALLARATE	ANTWERP COMBINANT	63	1,061	4.2	0.2	4.0
BUSTO A./GALLARATE	ANTWERP HTA QUAI 468	22,548	1,092	1,498.8	80.4	1,418.4
BUSTO A./GALLARATE	BASEL WEIL	124	317	2.9	0.2	2.7
BUSTO A./GALLARATE	BARCELONA EL MORROT	7,969	1,066	574.3	40.9	533.4
BUSTO A./GALLARATE	DUISBURG RHEINHAUSEN	5,648	872	358.1	51.0	307.1
BUSTO A./GALLARATE	GELEEN RTC	2,231	994	134.7	8.1	126.6
BUSTO A./GALLARATE	KOELN EIFELTOR UBF	1,156	809	67.5	9.4	58.1
BUSTO A./GALLARATE	SINGEN	174	307	4.2	0.2	4.1
BUSTO A./GALLARATE	TAULOV	139	1,434	13.6	2.2	11.4
BUSTO A./GALLARATE	ZEEBRUGGE P&O FERRIES	8,746	1,147	622.4	33.4	589.0
DUISBURG RHEINHAUSEN	BUSTO A./GALLARATE	469	872	29.7	4.2	25.5
GENK HAVEN	NOVARA BOSCHETTO	1,230	1,008	77.0	4.0	73.0



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Departure	Arrival	Cargo weight (t)	Distance (km)	CO <sub>2</sub> truck (t)	CO <sub>2</sub> train (t)	CO <sub>2</sub> savings (t)
GELEEN RTC	BUSTO A./GALLARATE	2,653	994	160.1	9.6	150.5
KOELN EIFELTOR UBF	BUSTO A./GALLARATE	182	809	10.6	1.5	9.1
LUDWIGSHAFEN KTL	BUSTO A./GALLARATE	25	587	1.0	0.1	0.9
NOVARA BOSCHETTO	GENK HAVEN	11,491	1,008	720.0	37.6	682.4
NOVARA CIM	ZEEBRUGGE P&O FERRIES	235	1,197	17.1	0.8	16.2
SINGEN	BRESCIA	107	395	3.5	0.2	3.3
SINGEN	BUSTO A./GALLARATE	76	307	1.8	0.1	1.8
SINGEN	DUISBURG HOHENBUDBERG	927	554	36.4	7.3	29.1
TAULOV	BUSTO A./GALLARATE	17	1,434	1.7	0.3	1.4
VERONA QUADRANTE	ANTWERP COMBINANT	3,857	1,275	308.3	17.4	290.9
ZEEBRUGGE P&O FERRIES	BUSTO A./GALLARATE	2,995	1,147	212.6	11.4	201.1
ZEEBRUGGE P&O FERRIES	NOVARA CIM	189	1,197	13.7	0.7	13.1



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