



**HUPAC**

Chiasso, 15.04.2020

# 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:

## 6,164 t of CO<sub>2</sub>

**Period** From 1 January 2019 to 31 December 2019

**Relations** Network of Hupac Intermodal Ltd

### Calculation parameters

**Cargo weight** 104.3 thousand tonnes

#### Combined transport

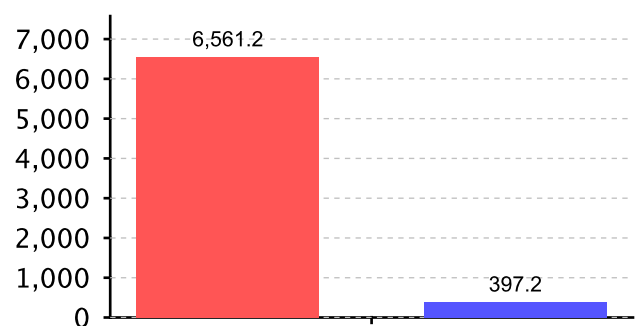
Long train (1,500 t), emission standard electrified, load factor 80%, empty trip factor 20%, transhipment

#### Road trasport

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

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

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



■ Truck ■ Train

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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	513	1,417	52.5	2.2	50.4
ANTWERP COMBINANT	BUSTO A./GALLARATE	3,693	1,061	249.1	13.4	235.7
ANTWERP COMBINANT	LUDWIGSHAFEN KTL	33	490	1.0	0.2	0.9
ANTWERP COMBINANT	VERONA QUADRANTE	2,989	1,287	239.0	13.5	225.5
ANTWERP HTA QUAI 468	BUSTO A./GALLARATE	27,408	1,061	1,823.0	97.7	1,725.3
BARCELONA EL MORROT	BUSTO A./GALLARATE	790	1,066	57.9	4.1	53.8
BRESCIA	ROTTERDAM RSC	1,164	1,182	94.6	5.2	89.3
BRESCIA	SINGEN	8,690	395	283.6	15.5	268.1
BUSTO A./GALLARATE	ANTWERP COMBINANT	222	1,061	14.9	0.8	14.1
BUSTO A./GALLARATE	ANTWERP HTA QUAI 468	27,180	1,092	1,807.0	96.9	1,710.1
BUSTO A./GALLARATE	BARCELONA EL MORROT	5,629	1,066	412.9	28.9	384.0
BUSTO A./GALLARATE	DUISBURG RHEINHAUSEN	4,361	872	276.4	39.4	237.0
BUSTO A./GALLARATE	GELEEN RTC	486	994	29.3	1.8	27.5
BUSTO A./GALLARATE	KOELN EIFELTOR UBF	123	809	7.2	1.0	6.2
BUSTO A./GALLARATE	LUDWIGSHAFEN KTL	135	587	5.7	0.6	5.1
BUSTO A./GALLARATE	SINGEN	242	338	5.9	0.3	5.6
BUSTO A./GALLARATE	TAULOV	44	1,434	4.3	0.7	3.6
BUSTO A./GALLARATE	ZEEBRUGGE P&O FERRIES	3,818	1,147	270.5	14.6	255.9
DUISBURG HOHENBUDBER	SINGEN	28	571	0.1	0.0	0.1
DUISBURG RHEINHAUSEN	BUSTO A./GALLARATE	1,653	872	104.9	14.9	90.0



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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)
GENK HAVEN	NOVARA BOSCHETTO	421	1,008	26.4	1.4	25.0
GELEEN RTC	BUSTO A./GALLARATE	91	994	5.5	0.3	5.1
HAMBURG BILLWERDER	BUSTO A./GALLARATE	6	1,154	0.5	0.1	0.4
LUDWIGSHAFEN KTL	ANTWERP COMBINANT	135	490	4.3	0.7	3.5
LUDWIGSHAFEN KTL	BUSTO A./GALLARATE	65	587	2.8	0.3	2.5
HUB BRESCIA MONTIRONE	SINGEN	122	447	4.0	0.2	3.8
NOVARA BOSCHETTO	GENK HAVEN	2,890	1,008	181.2	9.4	171.7
NOVARA CIM	ZEEBRUGGE C.PORTS	254	1,197	18.5	0.9	17.6
NOVARA CIM	ZEEBRUGGE P&O FERRIES	412	1,197	30.0	1.5	28.5
ROTTERDAM RSC	BRESCIA	91	1,182	7.4	0.4	7.0
SINGEN	BRESCIA	537	395	17.5	1.0	16.6
SINGEN	BUSTO A./GALLARATE	53	307	1.3	0.1	1.2
SINGEN	DUISBURG HOHENBUDBER	3,332	571	7.0	0.6	6.4
TAULOV	BUSTO A./GALLARATE	7	1,434	0.6	0.1	0.5
TAULOV	HAMBURG BILLWERDER	6	298	0.1	0.0	0.1
VERONA QUADRANTE	ANTWERP COMBINANT	4,428	1,287	353.8	20.0	333.9
ZEEBRUGGE C.PORTS	LUDWIGSHAFEN KTL	33	573	1.2	0.2	1.0
ZEEBRUGGE C.PORTS	NOVARA CIM	16	1,197	1.1	0.1	1.1
ZEEBRUGGE P&O FERRIES	BUSTO A./GALLARATE	1,859	1,147	131.7	7.1	124.6
ZEEBRUGGE P&O FERRIES	NOVARA CIM	367	1,197	26.7	1.3	25.4

  
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