

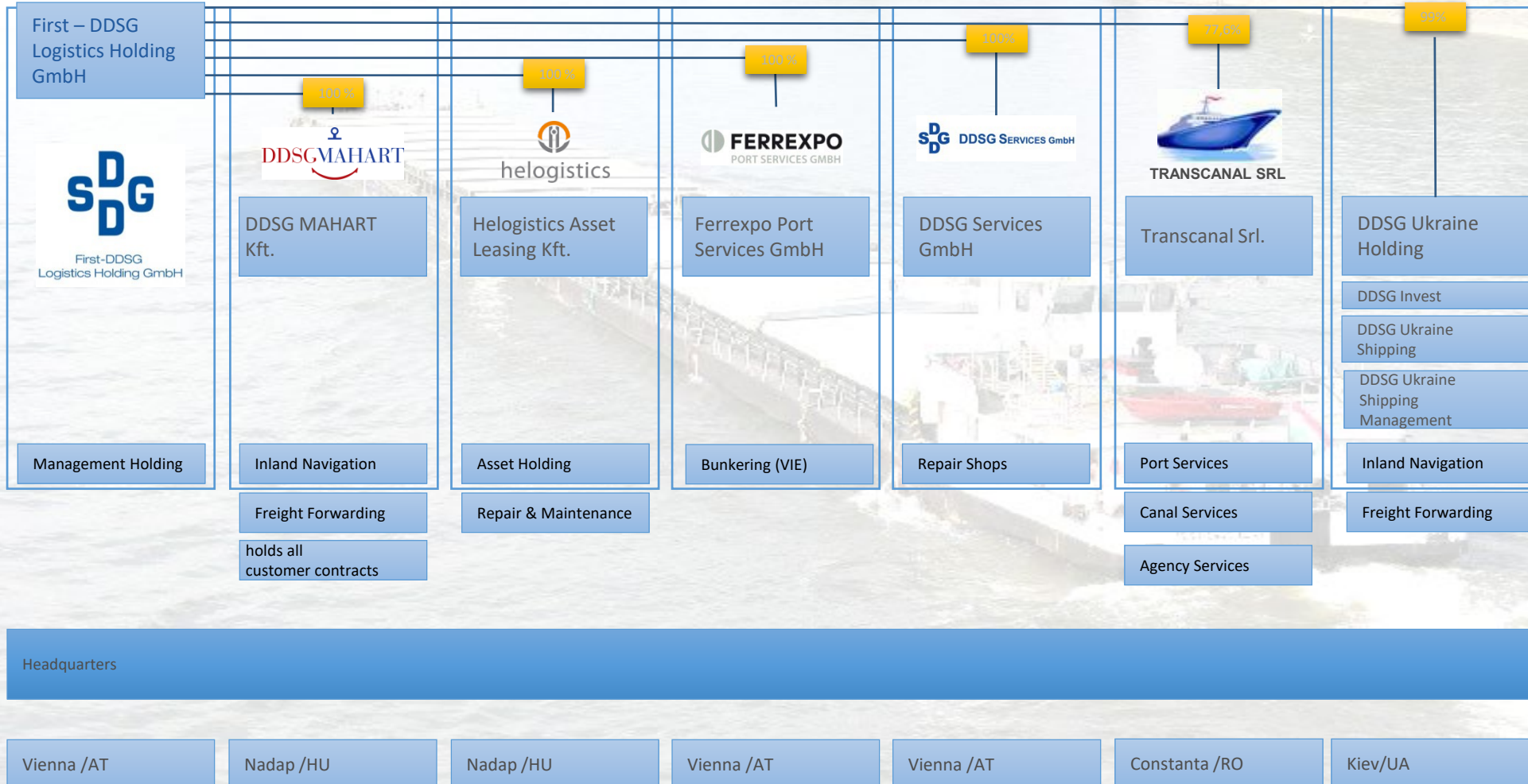
DDSG MAHART Kft.

- registered in Hungary
- based in Hungary
- Hungarian shipping licence
- pays tax in Hungary



First – DDSG Logistics Holding GmbH

- Overview of the Group





DDSG MAHART Kft.

Potential



DDSG MAHART Kft.

dry cargo fleet

pushers	28
self-propelled river vessels	15
barges	150

liquid cargo fleet

bunker stations	5
tankers	2

other units

pontoons	10
floating cranes	3
technical units	3
storage units	4

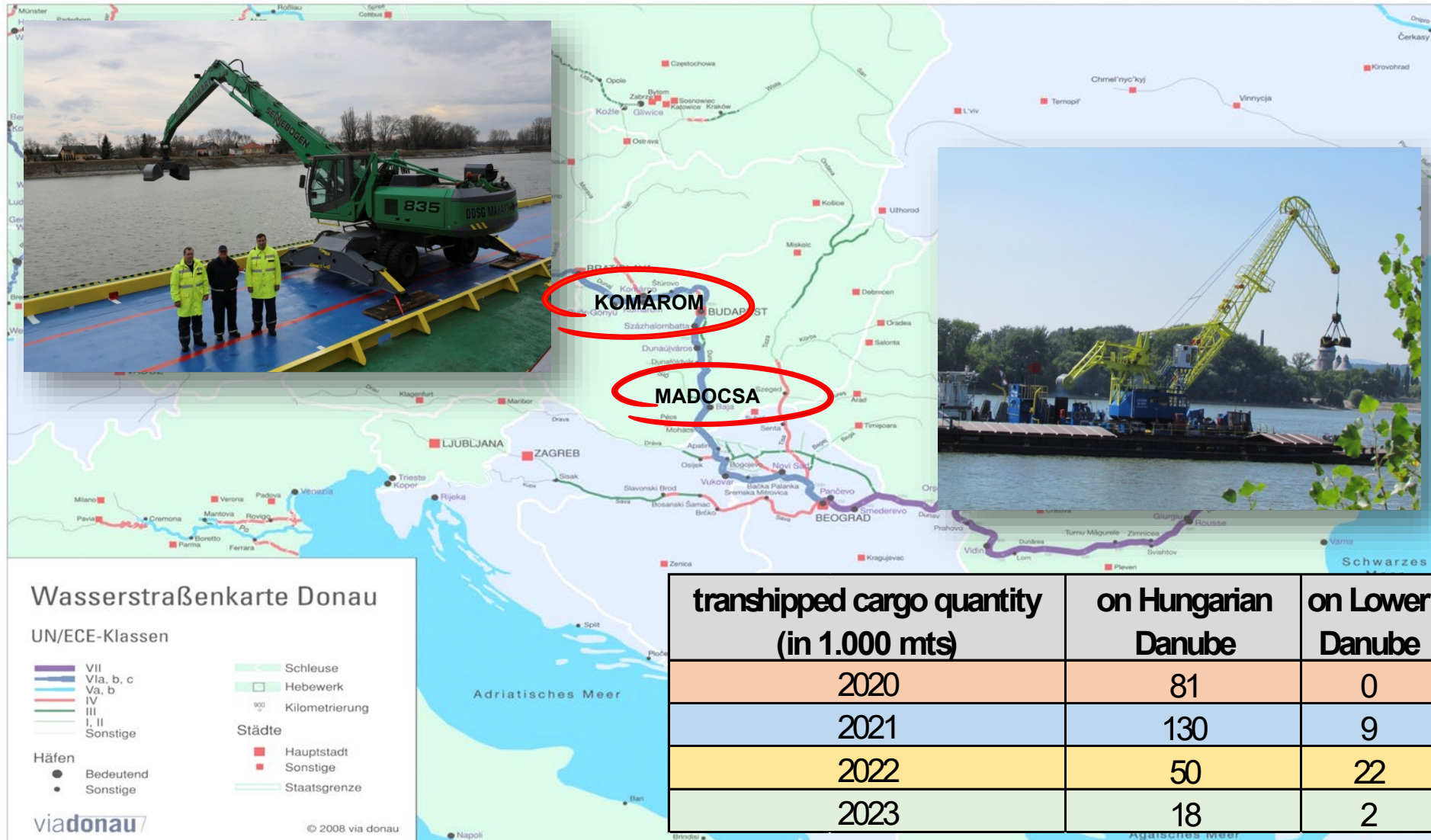
all of them **220**

total capacity **>300.000 tonna**



DDSG MAHART Kft.

performing cargo deliveries to Hungary or proceeding via Hungary, lightening (cargo transshipment) of loaded river units is required



DDSG MAHART Kft.

- yearly about 2,5M mts cargo shipping
- West Line has been closed for 4 years (water-levels, cargo availability, ...)
- mainly cargos discharged, loaded in and transited via Hungary (>2022.)
mainly cargos loaded in Ukraine (2022.>)

loaded quantity (in 1.000 mts)		West Line	Upper Danube Line	East Line (Middle Danube and Ukraine-Serbia Lines included)
2020	2 427	11	113	2 303
2021	2 399	0	114	2 285
2022	2 290	0	43	2 247
2023	2 612	0	0	2 612



river carriage

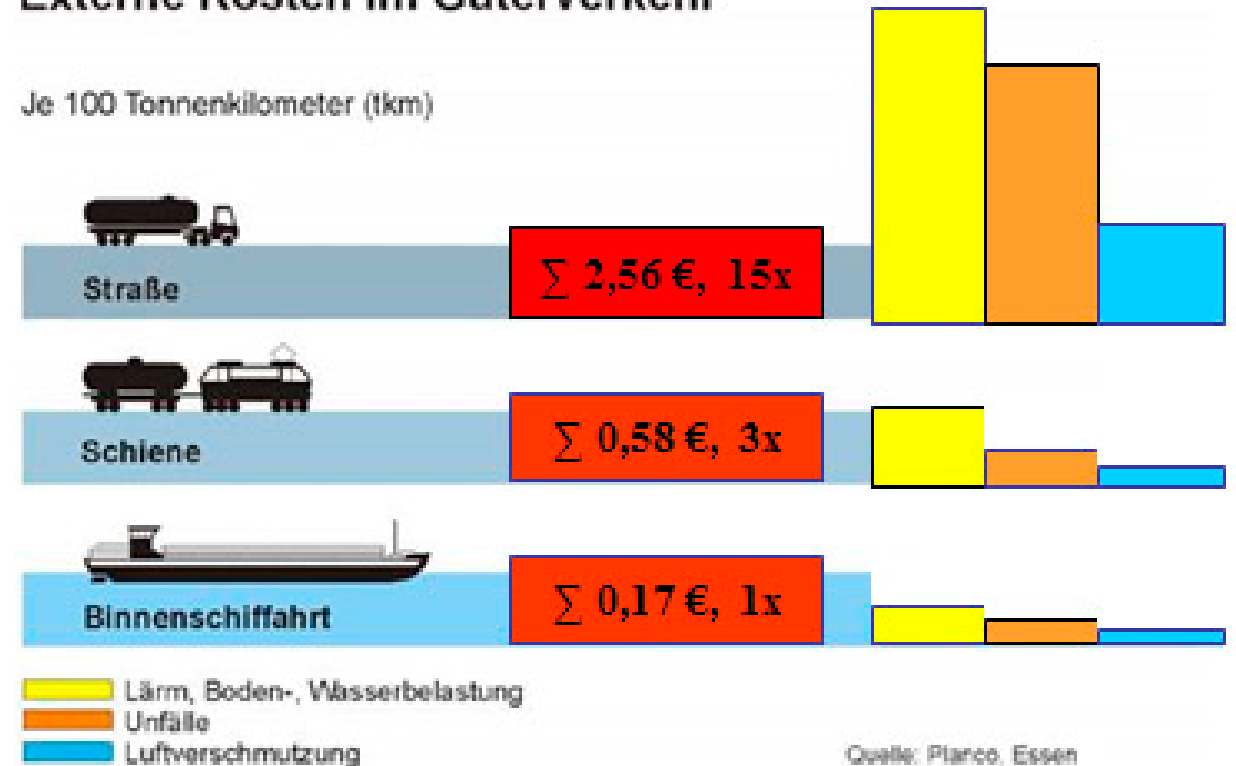
➤ has **the lowest cost** for long distance carriage (1 mts cargo can be shipped at a distance of 500 km on river, 333 km on railways and 100 km on road, consuming 5 l gasoil)

➤ and **the most environmental friendly** (railway: 3x higher environmental damage, road: 15x):

- noise, ground and water pollution
- accidents
- air pollution

Externe Kosten im Güterverkehr

Je 100 Tonnenkilometer (1km)

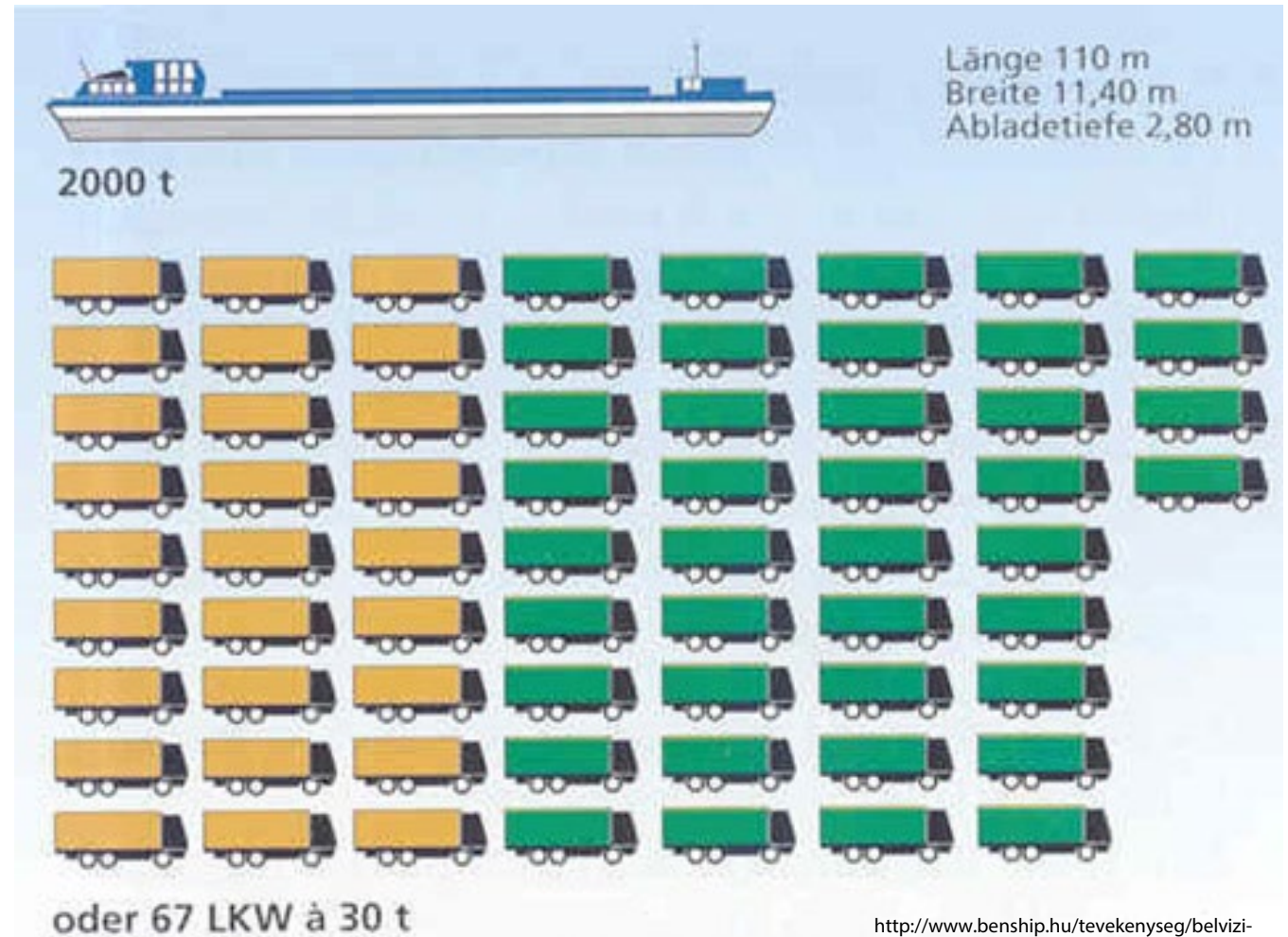


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river carriage

➤ **performing** (cargo capacity of a 2.000 mts DWCC river unit is equivalent with 67 30 tons trucks,



... a pushed caravan is equivalent with the cargo capacity of about 13 block trains, and more than 800 trucks.



1 Danube caravan is close to 20.000 mts DWCC

it is equivalent with about 13 block trains,



and more than 800 trucks (14 km long line)



DDSG MAHART Kft.



river carriage

➤ **really fast** (in 24/7 mode a 2.000 mts capacity self-propelled river vessel can call Amsterdam from Budapest in 10-14 days, and Budapest>Constanta can be 6-8 days)



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„Directives”

DDSG MAHART Kft.

According to the EU transport policy objective approved in 2011, by 2030, 30% of road freight transport over a distance of 300 kilometers and 50% by 2050 should be taken over by other transport modes, such as rail or river transport.



DDSG MAHART Kft.

We are GREEN enough!



DDSG MAHART Kft.
CO₂ friendly carriage

CO₂ emission/tkm (tonkilometer)



26,26 g
CO₂/tkm
*



66,1 g
CO₂/tkm
**

* as per the average performance of DDSG MAHART fleet in 2022.

** as per the datas of „Emissions Key Figures 2022” (Federal Ministry Republic of Austria Climate Action, Environment, Energy, Mobility, Innovation and Technology)

CO₂ emission/year

	2021	2022
loaded quantity (mts)	2 398 634	2 290 014
tkm (tonkilometer)	3 583 517 446	2 653 141 747
CO ₂ /tkm difference river vs road (g)	42,33	39,84
CO₂ difference in total river vs road (t)	151 685	105 713

CO₂ EMISSION SAVING WITH RIVER CARRIAGE VS ROAD TRANSPORT

