

# Sustainability Report.

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# Trucksters

Transportation in relays







Trucksters can leverage its relay infrastructure to make a great impact on the environment

“ From the total global greenhouse gas emissions, 15% come from transportation (the 2nd biggest percentage). In the US, 24% of total transportation GHG emissions come from Medium and Heavy-Duty Trucks. ”

Center for Climate and Energy Solutions.  
United States Environmental Protection Agency.



# Trucksters improves the CO2 emissions by two different ways

How Trucksters' model can help reduce emissions

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A

Incentivizing the incorporation of modern and more eco-friendly vehicles, thanks to stronger unit economics

B

Increasing the modal share of trucking vs. air freight, which emits up to 10x more CO2, thanks to better transit times



# By optimizing the utilization of trucks, Trucksters helps carriers to acquire more **eco-friendly vehicles**, reducing up to **75% of the CO2 emissions**

A

With Trucksters, the total cost of ownership is reduced by up to 50%...

... which implies that the payback of investing in alternative vehicles (e.g. Gas) is reduced by half

	Normal driving	Trucksters
Km per month per truck	12.000km	24.000km
Monthly cost per vehicle <sup>1</sup>	2.000€	2.300€
Cost Of Ownership per km	0.16 €	0.09 €
% of operative cost	20%	10%

- According to an study made in 2019 by Cenex<sup>2</sup>, an independent, non-profit organization, **investments in alternative vehicles (e.g. gas) pay back in 2 years** assuming 160.000km per year, due to lower fuel costs but higher cost of ownership
- With Trucksters, cost of ownership is reduced by 50%, so **the payback reduces from 2 years to 1 year**
- The use of alternative vehicles like Gas can imply a **reduction of 75% of the CO2 emissions**, according to this same study, saving over 1.400 tonnes of wheel-to-wheel CO2, compared with diesel across 2 years

(1) Official renting offers from Iveco (Head) and Lecitrailer (Trailer). Cost increases around 10% with a 100% increase in km per month; (2) An Innovate UK Research Project to Assess the Viability of Gas Vehicles



By improving transit times, Trucksters reduces the relevance of the air-freight industry, which emits 5x to 10x more CO2 than normal trucking

B

### CO2 emissions per mode of transport<sup>1</sup>

	CO2 emission
Air cargo	500g
Truck	60-150g
Train	30-100g
Ship	55g

### Transit times from Madrid-Dortmund (h)

Air cargo <sup>2</sup>	Normal trucking	Trucksters
24h	52h	27-30h

(1) Amount of CO2 (in grams) emitted per metric ton of freight and per km of transportation (Timeforchange, 2017); (2) According to Daniel Johnson, manager of global products at IAG, 2016



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# For a sustainable future

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