

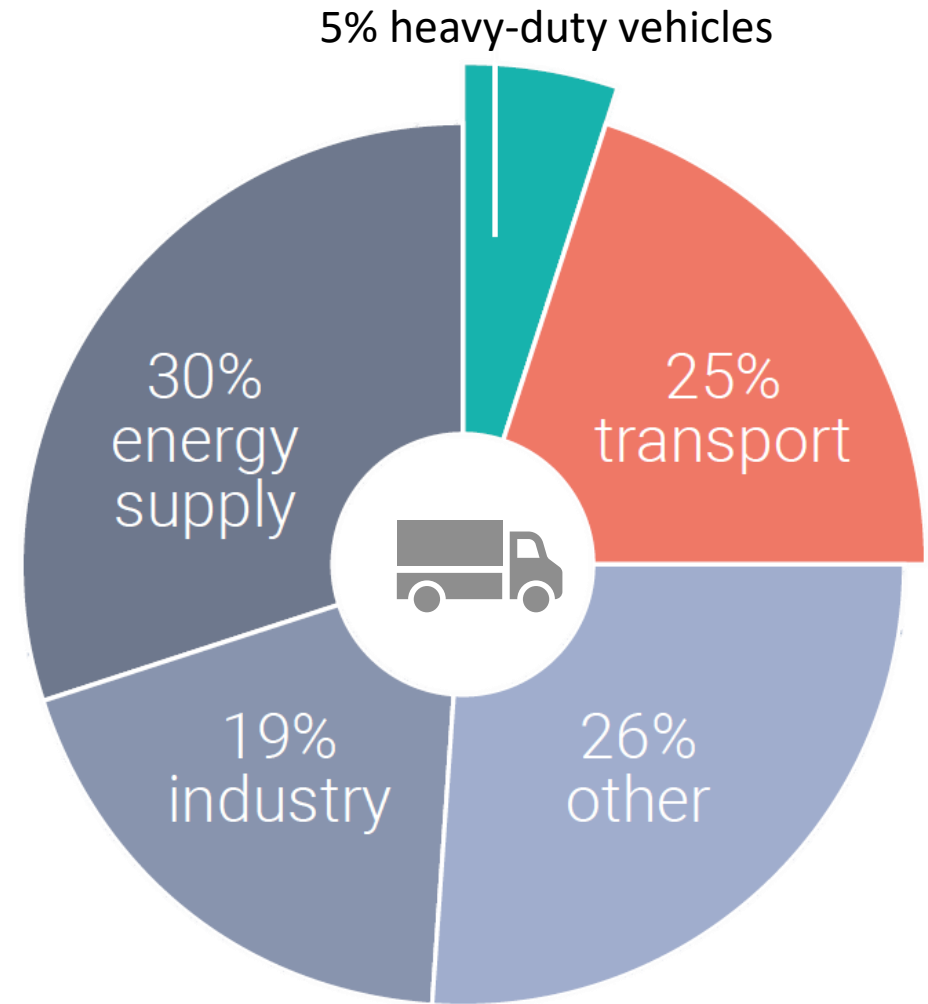


MinervaS

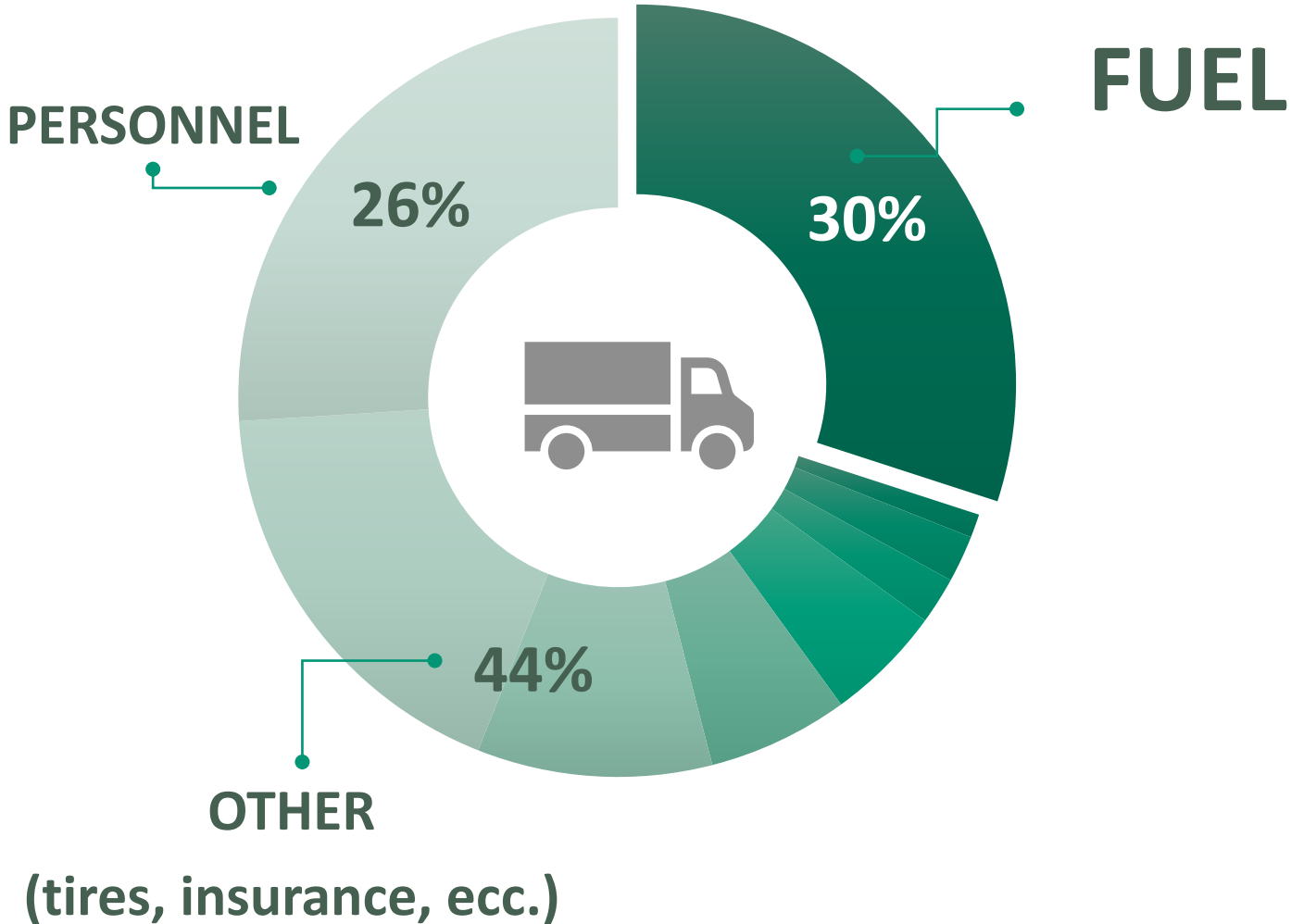
Ennio Andrea Adinolfi
CEO

Italian Startup | University Spin-off

CLASS-8 TRUCKS EMISSIONS



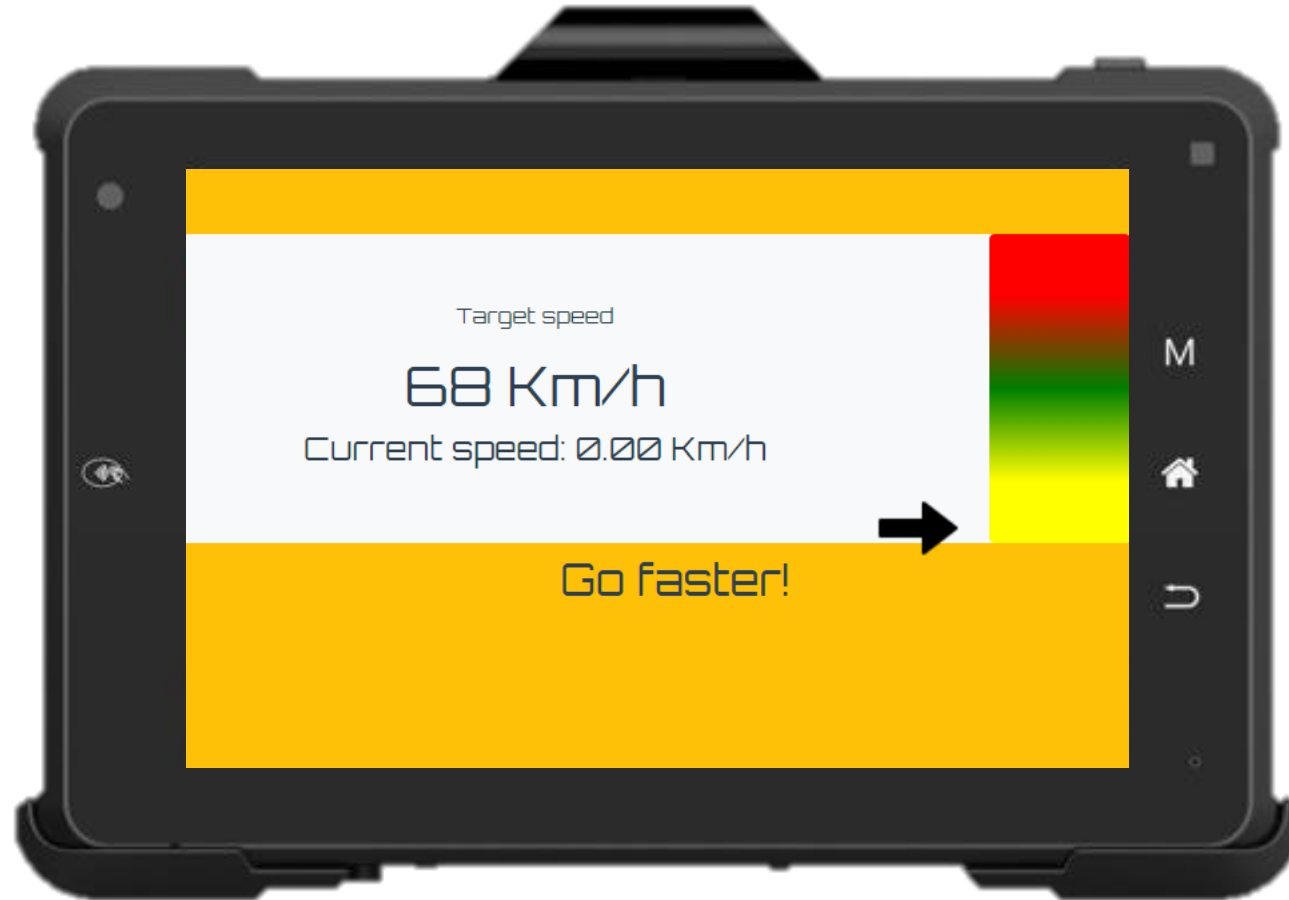
FUEL REDUCTION CHALLENGE



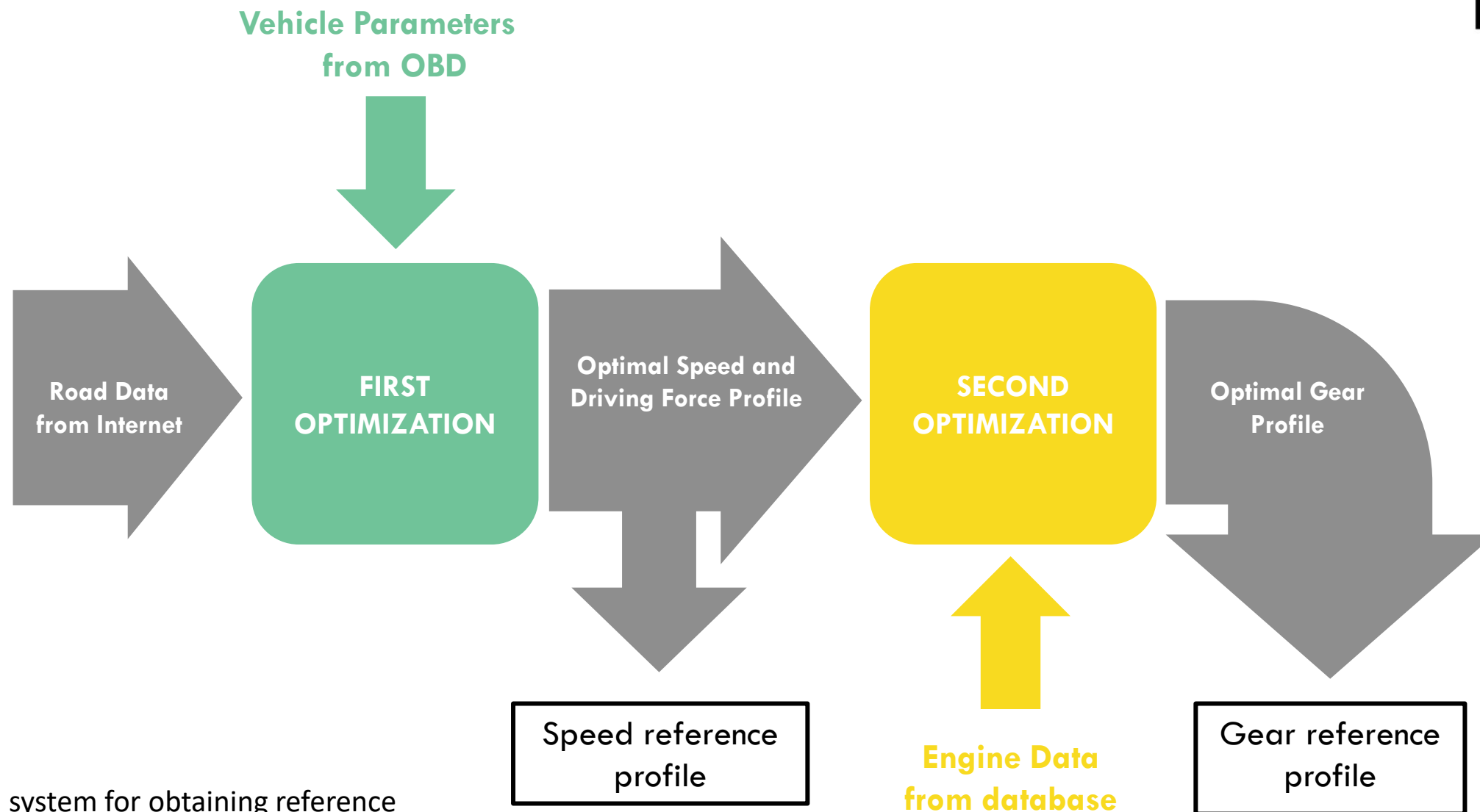
SOLUTION – SPEED ADVISOR



GPS

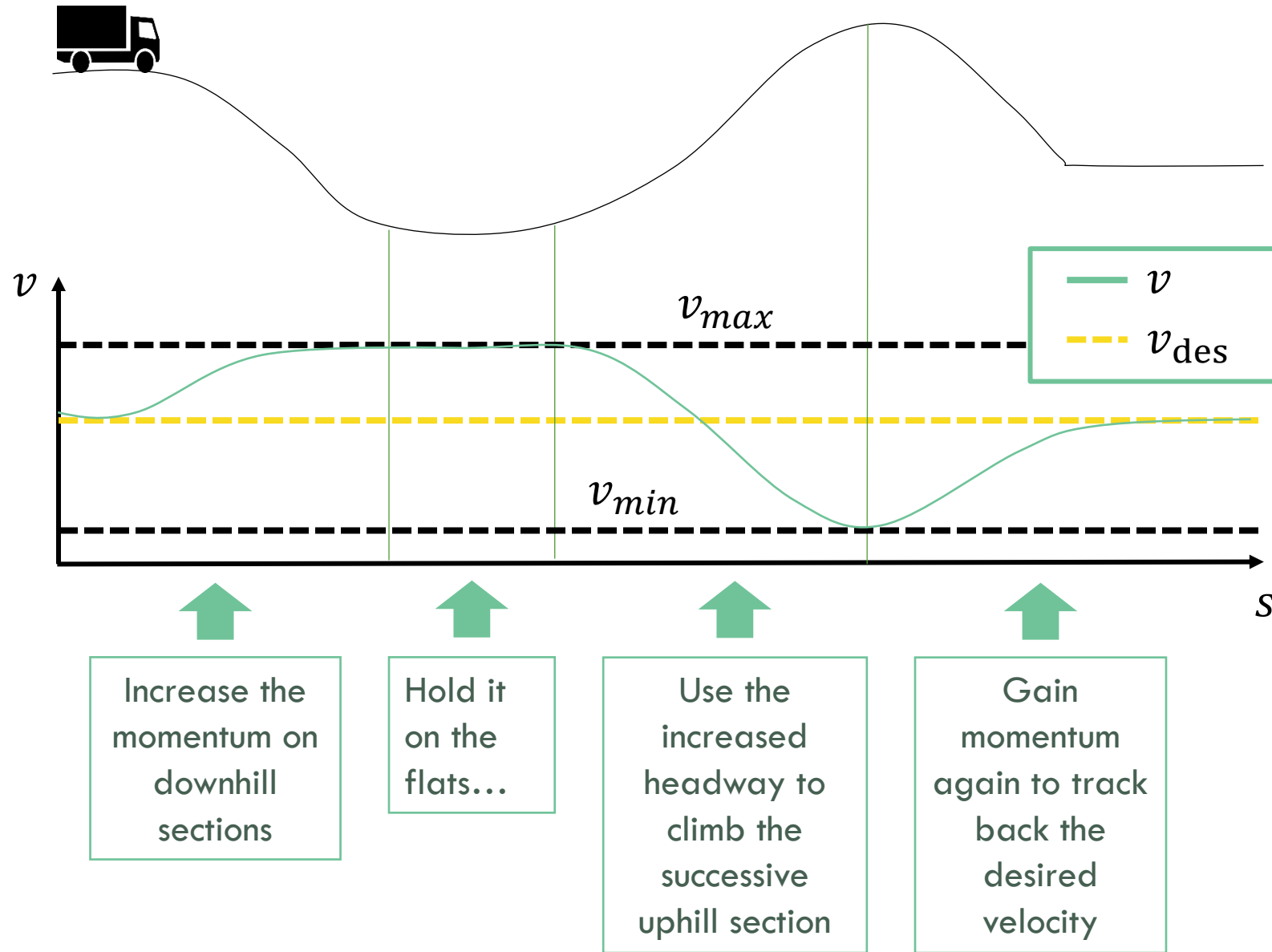


HIGH LEVEL OPTIMIZATION

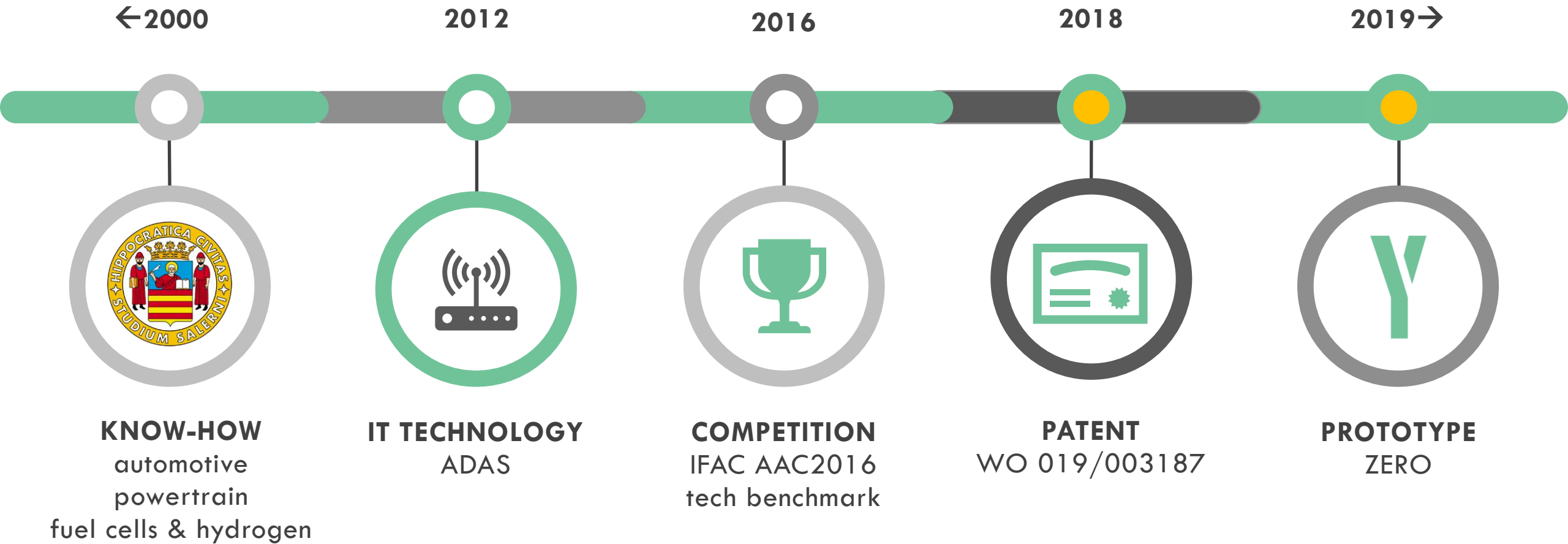


*Method and system for obtaining reference signals for vehicles control systems and corresponding control system

GENERAL PRINCIPLE



RESEARCH EVOLUTION



COMPETITION

features	I-SEE	TruckY	WEBFLEET	FLEET BOARD
Plug&Play	X	✓	✓	✓
Direct Fuel Optimization	✓	✓	X	X
CO ₂ /payload estimation	X	✓	X	X
OBDII retrofit connectivity dongle	X	✓	✓	X
CybersSecurity module*	X	✓	X	X



EARLY ADOPTERS



1000 devices



360 devices

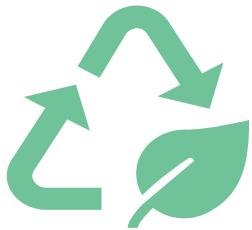
METRICS



-10 % less fuel



-3M €/year



-5k ton CO₂



1 000 devices

*for 1000 trucks/year (150.000 km)

(SW)



(HW)



TruckY

TruckY+

TruckY-

OPTIMAL SPEED

OPTIMAL SPEED

450€ (one-off)

CO2 ESTIMATION (10€)

15€ (3 years)

PAYLOAD ESTIMATION (10€)

GREEN ROUTE (10€)

MONTHLY FEE
35€/truck

MONTHLY FEE
60€/truck

2021

early 2022

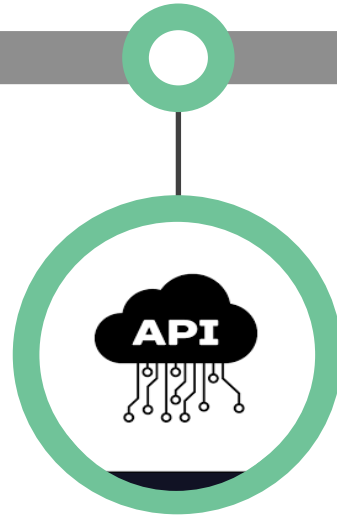
mid 2022

2023

2024 →



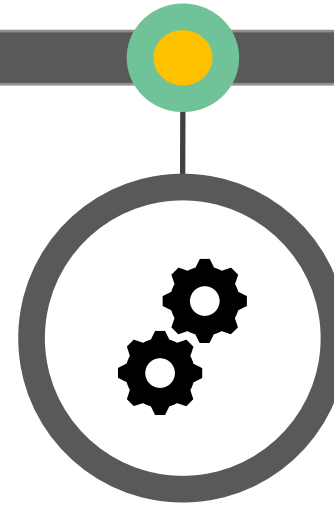
**FINE TUNING
TRL 8**



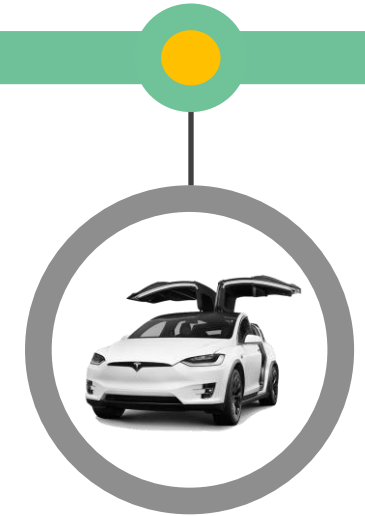
**API
TRL 9**



LONG-HAUL BUS



**DIGITAL
INTEGRATION**



ELECTRIC VEHICLES



TEAM



Ennio Andrea Adinolfi

Chief Executive Officer



Cesare Pianese

Chief Scientific Officer



Flavio Giannetti

R&D



Pierpaolo Polverino

R&D



Ivan Arsie

R&D



Tommaso D'Onofrio

Advisor



Giuseppe Melara

Investor

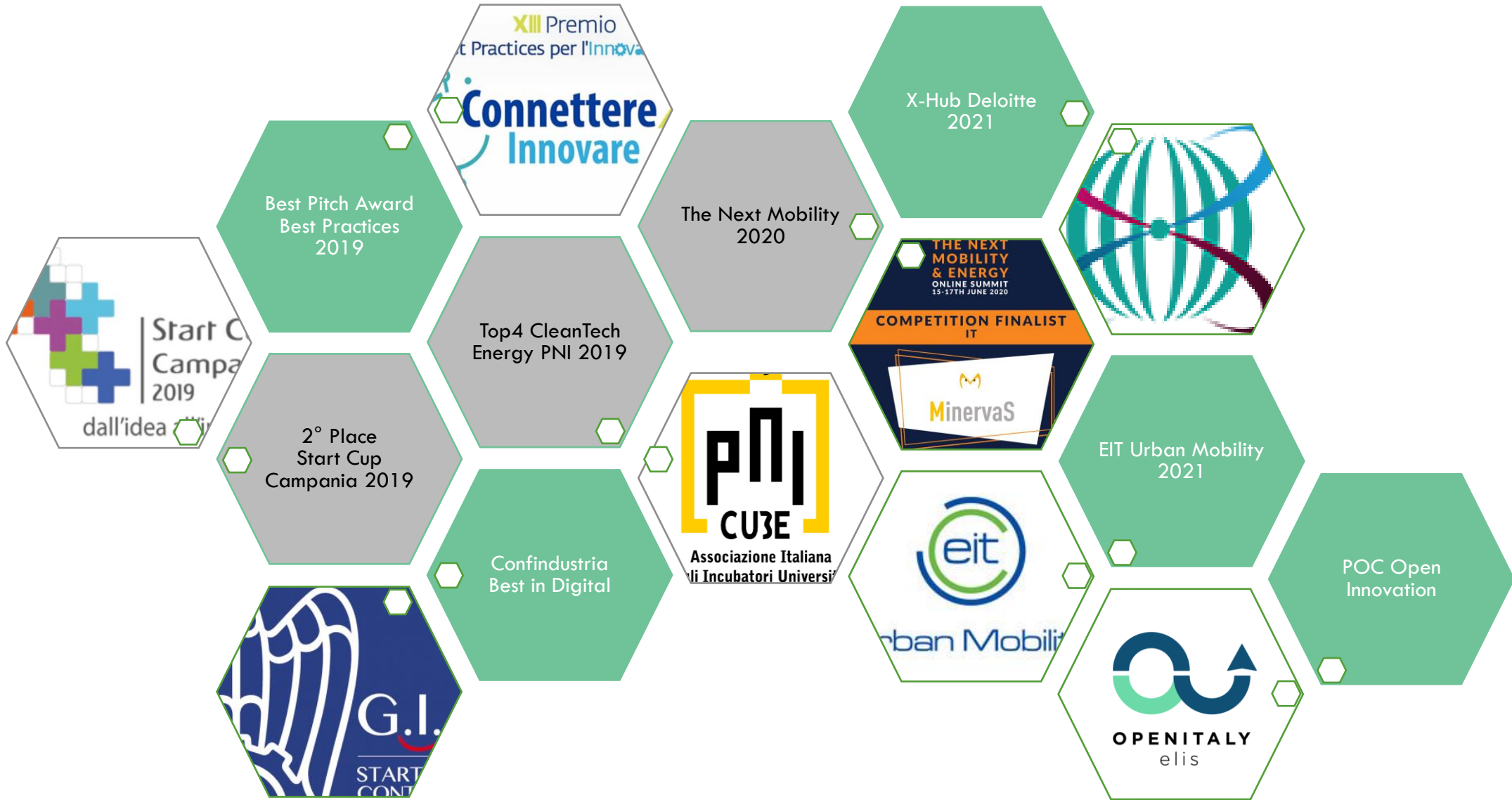


Valentino Villecco

Investor



AWARDS



FORECAST

(heavy-duty/long-haul trucks target)

	2022	2023	2024
Users*	60	1950	5000
SALES	40 k€	1,800 k€	5,400 k€
COSTS	-158 k€	-1.300 k€	2,900 k€
P&L	-117 k€	300 k€	1,700 k€

*0.001 of TAM

FUNDINGS

SEED

- ✓ RESEARCH
- ✓ PATENTING
- ✓ PROTOTYPING
- ✓ TESTING



G&A EXPENSES

MARKETING &
DISTRIBUTION

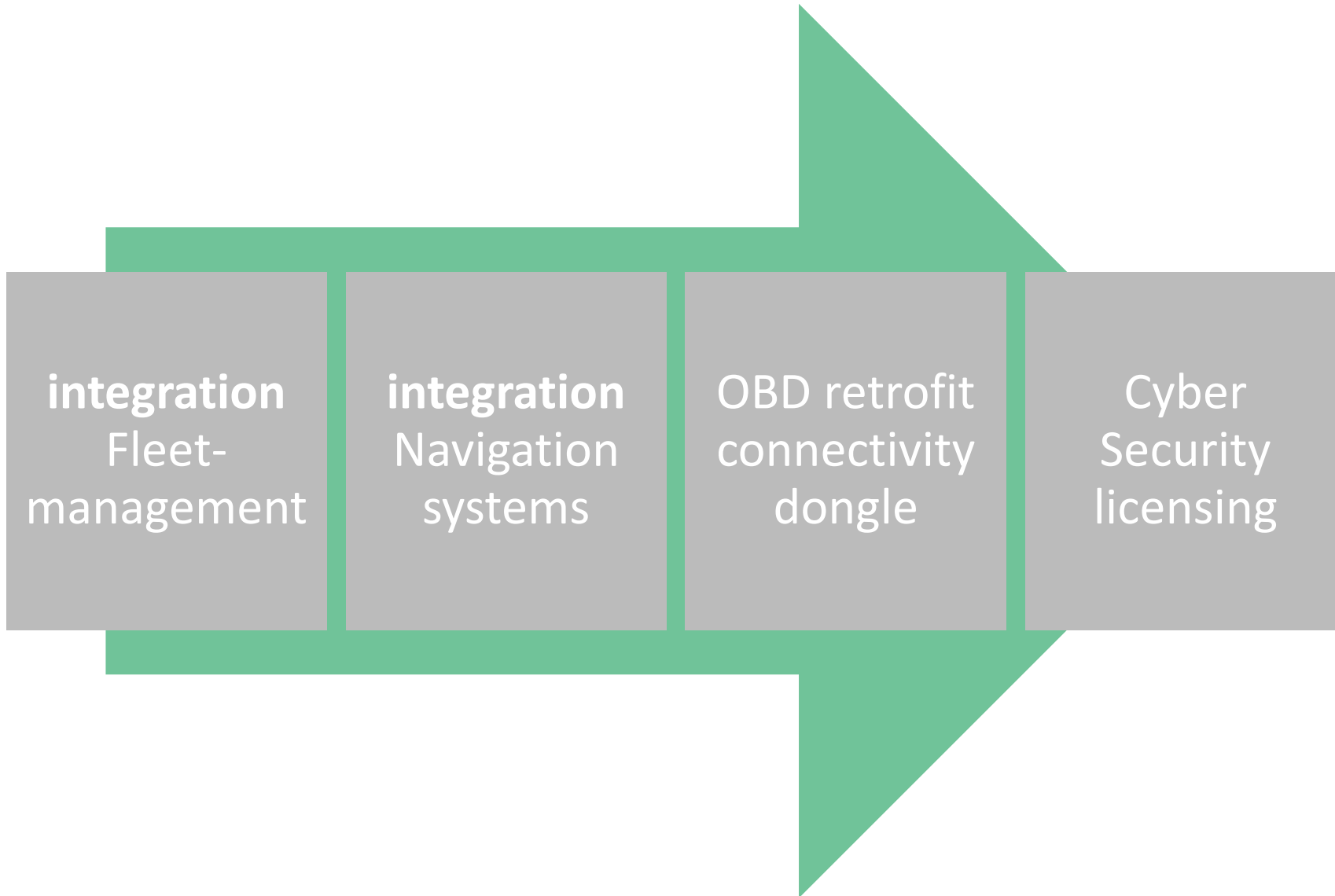
500.000€

Fine-tuning
Digital integration

PERSONEL

HARDWARE

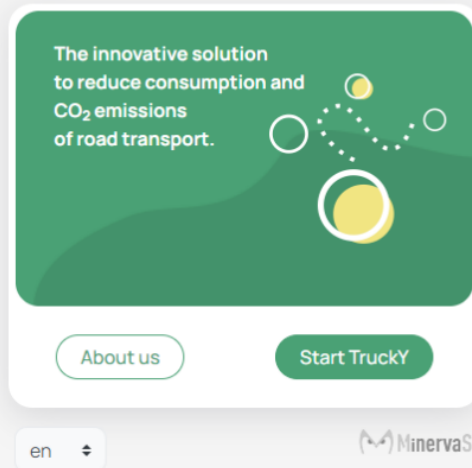
CLOUD SERVICES



TruckY

less fuel less emission

The innovative solution to reduce consumption and CO₂ emissions of road transport.



About us Start TruckY

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Vehicle data

Passengers 0 Tons

Biodiesel ▾

Vehicle model ▾

Back Next

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Route data


- Rome - Milan
Distance: 579 km, Duration: 6h 3min
- Madrid - Barcelona
Distance: 625km, Duration: 5h 57min
- Paris - Lyon
Distance: 490km, Duration: 4h 29min
- Amsterdam - Stuttgart
Distance: 625km, Duration: 5h 46min

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Suggested speed

68

km/h



Speed 70 km/h

Perfect!

The logo for TruckY, featuring the word "TruckY" in a bold, sans-serif font. The letters "Truck" are in a dark grey color, and the letter "Y" is in a vibrant green color. The logo is centered within a white rounded square, which is itself centered on a green background with a pattern of overlapping triangles in various shades of green.

TruckY

**LESS FUEL MORE BUSINESS,
LESS EMISSION MORE PLANET**

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