



Designer of pioneering transmissions
creating vast commercial opportunities
in the market of transport drivelines

MAZARO's transmissions are the best answer
to current transport's challenges,
offering unrivalled emission reduction,
energy saving and cost efficiency

21st of March



MLMAZ
EURONEXT
ACCESS

A word on SDG compliance:

MAZARO's systems are an impactful contribution to
5 of UNITED NATION'S 17 Sustainable Development Goals:

1. Climate Action,
by reducing the emission of Green House Gases
2. Sustainable cities and communities,
by providing cleaner road transport and by optimizing EVs
3. Good health and well-being,
by reducing air pollution by 11-19% and noise from transport
4. Responsible production,
by using 25% less steel and water per system
5. Protection of life on land,

MAZARO's cleantech fights climate change and air pollution which preserves wildlife and vegetation



Industry Challenges

To increase revenues and comply with new environmental regulations, vehicle makers and industry players have as a goal to:

DECREASE



Emissions
(by 55% between 1990 and 2030)



Cost



Energy consumption

INCREASE



Efficiency

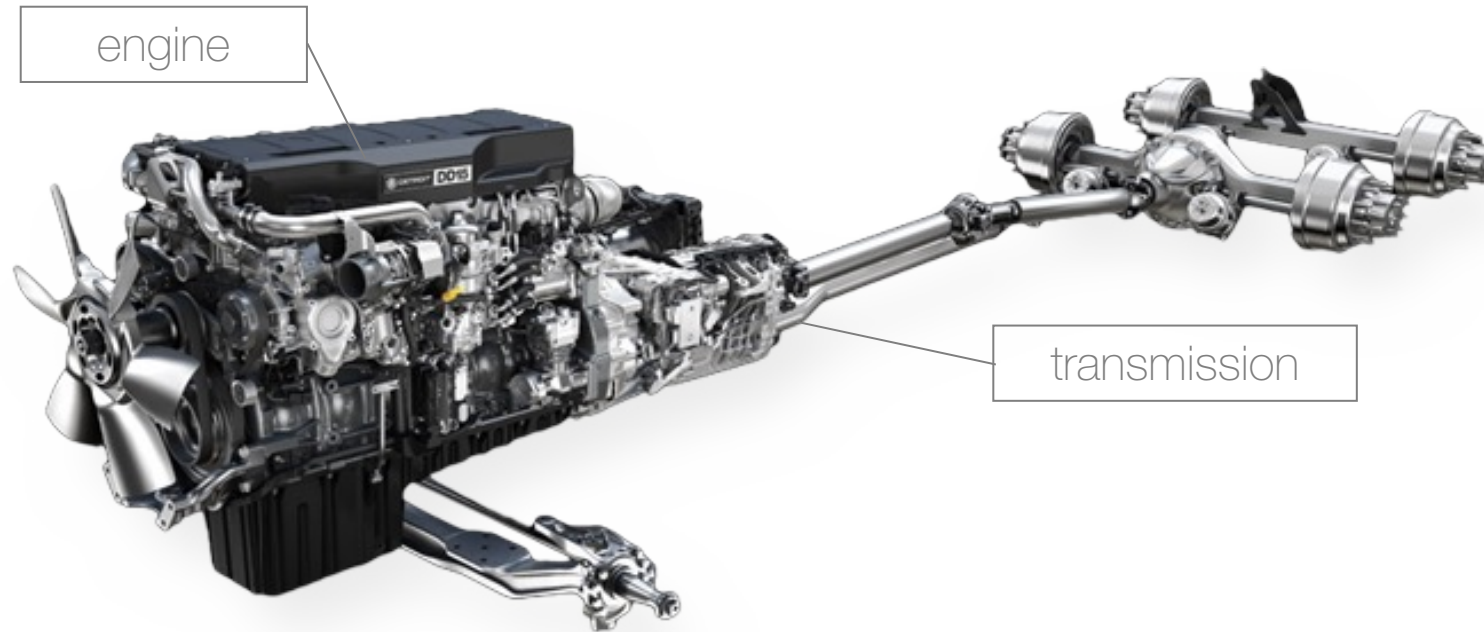


Performance



Driving comfort and fun

The Problem



Current transmissions have several issues counteracting the goals mentioned earlier:

- Internal losses
- Not fully optimizing the engine it accompanies
- Complex construction and maintenance
- Noisy operation
- Limited maneuverability

The Solution

The solution is MAZARO's transmission technology

Its properties include:



11-19% fuel & emission savings



11% lower manufacturing cost



Exciting dynamics



Silent operation



Increased maneuverability,
comfort and safety



Downsizing of engine,
batteries and e-motor



Maintenance free



Ahead of competitors to meet
stringent eco norms

The Advantages

01

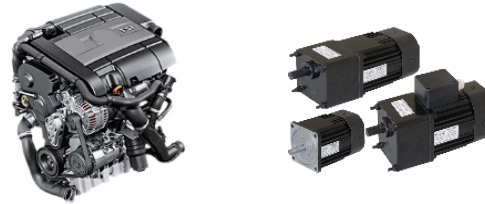
MAZARO transmissions have the highest internal & overall efficiency in the market



Geared systems are only efficient in a limited number of conditions, never overall: not during shifting, not at low torque level.

02

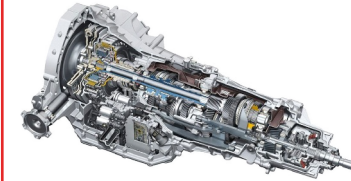
They keep the engine and E-motor on their lowest energy consumption curve



Mazaro is the first in the world, capable of keeping the engine or E-motor on their ideal, lowest energy consumption curve **at all times.**

03

Their minimalist design reduces complexity and obviates maintenance



Competitors:
high complexity
voluminous
heavy

versus



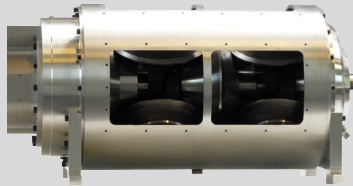
MAZARO:
86% less make parts
noiseless
maintenance free

The technology optimizes the entire driveline, that is both the transmission *and* the engine or E-motor

Two models

We have developed two models: one to improve existing internal combustion drivelines, and one to capitalize on the increased popularity of electric vehicles

FOR COMBUSTION ENGINES: Reversible Variable Transmission (RVT)



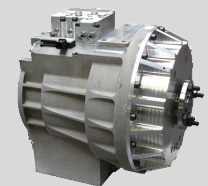
- 11-19% less fuel consumption
- 11-19% less emissions
- compact and 25% lighter than Automatics
- 5% less production cost
- maintenance free



Flexibility

MAZARO's transmissions work for both internal combustion engines and electric vehicles.

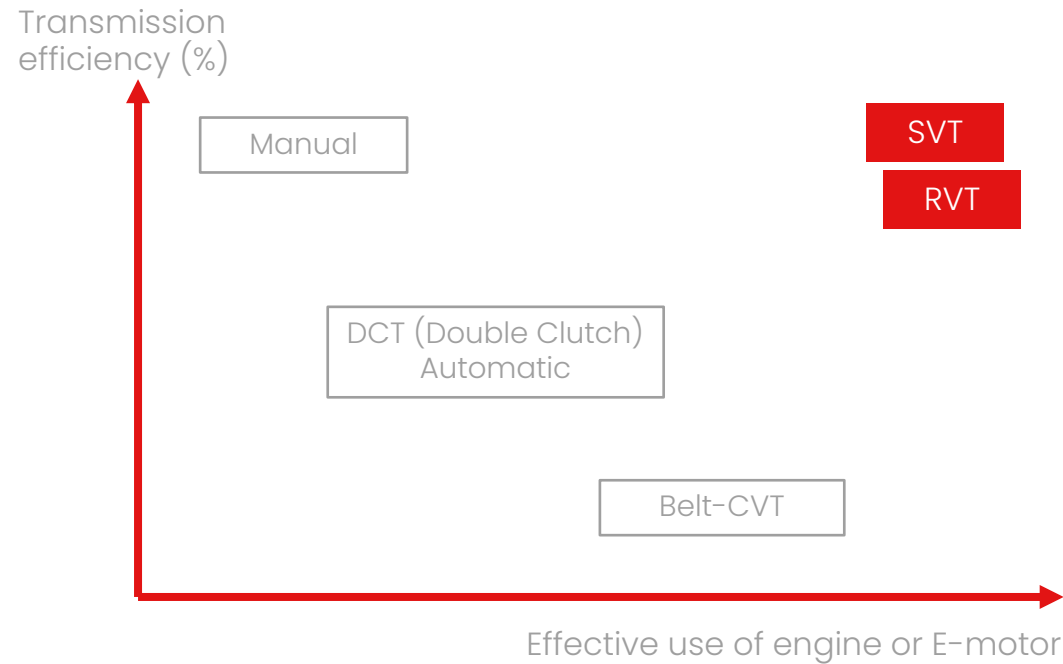
FOR ELECTRIC VEHICLES: Single stage Variable Transmission (SVT)



- 16,8% further driving range
- Max speed increase from 82 to 127 km/h
- Enhanced hill-climbing capability
- No noise
- Maintenance free

Comparison with other systems

- Current transmissions are already fully optimized, no further gains possible
- MAZARO's systems combine and outperform the advantages of the different existing technologies
- No need for shifting → highest comfort, performance and efficiency



Proven technology: tested on the road

Officially proven in a 3.5 ton E-truck in WLTC, compared to the currently used single gear sets:

50% higher top speed

enhanced hill climbing
- fully laden
- 36% slope

16,8% further driving with same energy

changing ratio without traction interruption or efficiency

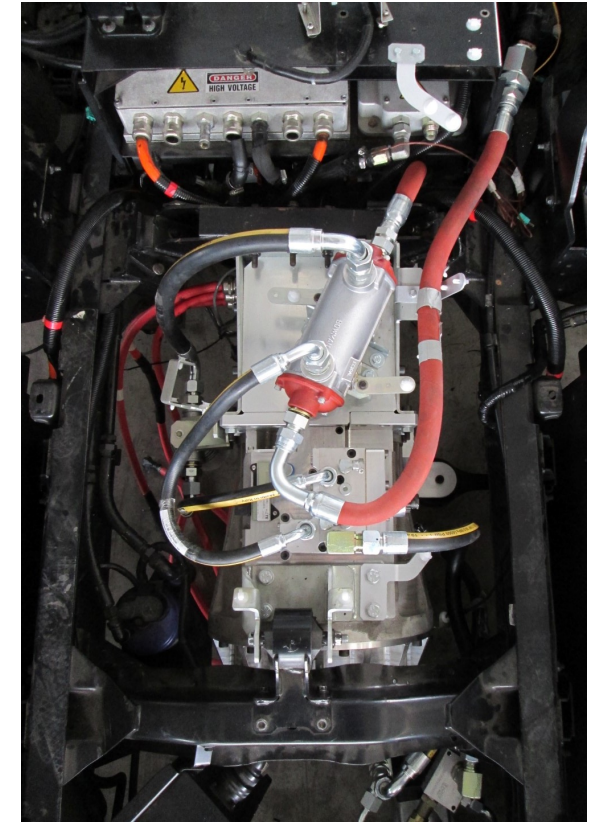
best accelerations of all E-drivelines

E-motor is kept on best efficiency curve nearly all the time.
Equally functional in 4 quadrants

cost saving

silent operation

0 to 100 km/h in 12,4 s



Proven technology: external recognition

Of more than 150 participants, MAZARO was one of 3 winners of 'Why stop at zero?' July 2021, a sustainable mobility Challenge organized by AIRBUS and World Economic Forum, leading to a cooperation with AIRBUS

A child wearing a brown aviator helmet and goggles is driving a red toy car on a paved road. The child's mouth is open in a shout, and their right arm is raised in the air. The background shows a blurred landscape with trees and hills.

The future of mobility – why stop at zero?

Join Airbus and the World Economic Forum at the sustainable mobility challenge 2021.

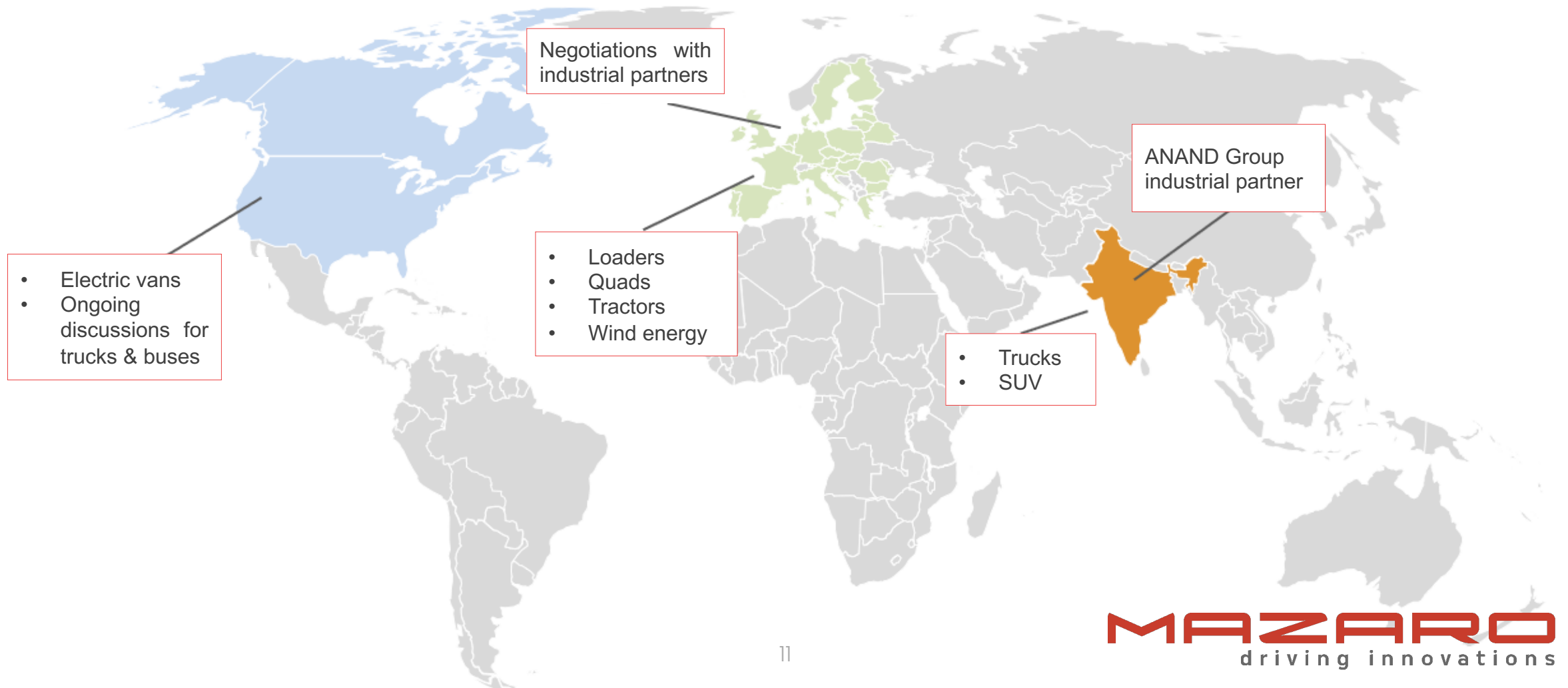
Sorry, the submission period is over.

AIRBUS

MAZARO
driving innovations

Current commercial activities

Several prototypes have already been ordered by interested customers.
Tier 1 companies will produce our transmissions across the world:



Growth: Market Opportunity

The unique properties of MAZARO's solution allows for several growth opportunities:



175 bn EUR

Mazaro is entering a huge existing market: the 175bn EUR transmissions market



1 out of 4

EVs are expected to represent 1 out of 4 cars by 2030.
MAZARO is the best transmission solution for EVs



91.6 M units

MAZARO's initial focus is heavy duty and commercial vehicles (currently 91.6M units p/y), as it represents the highest added value.

Growth: R&D and team

MAZARO is developing and protecting its IP portfolio in order to defend its advantage.

- ▶ Partnership with the University of Ghent, assisting in building up test benches
- ▶ IP: protected by 4 patents in all regions with a relevant automotive industry

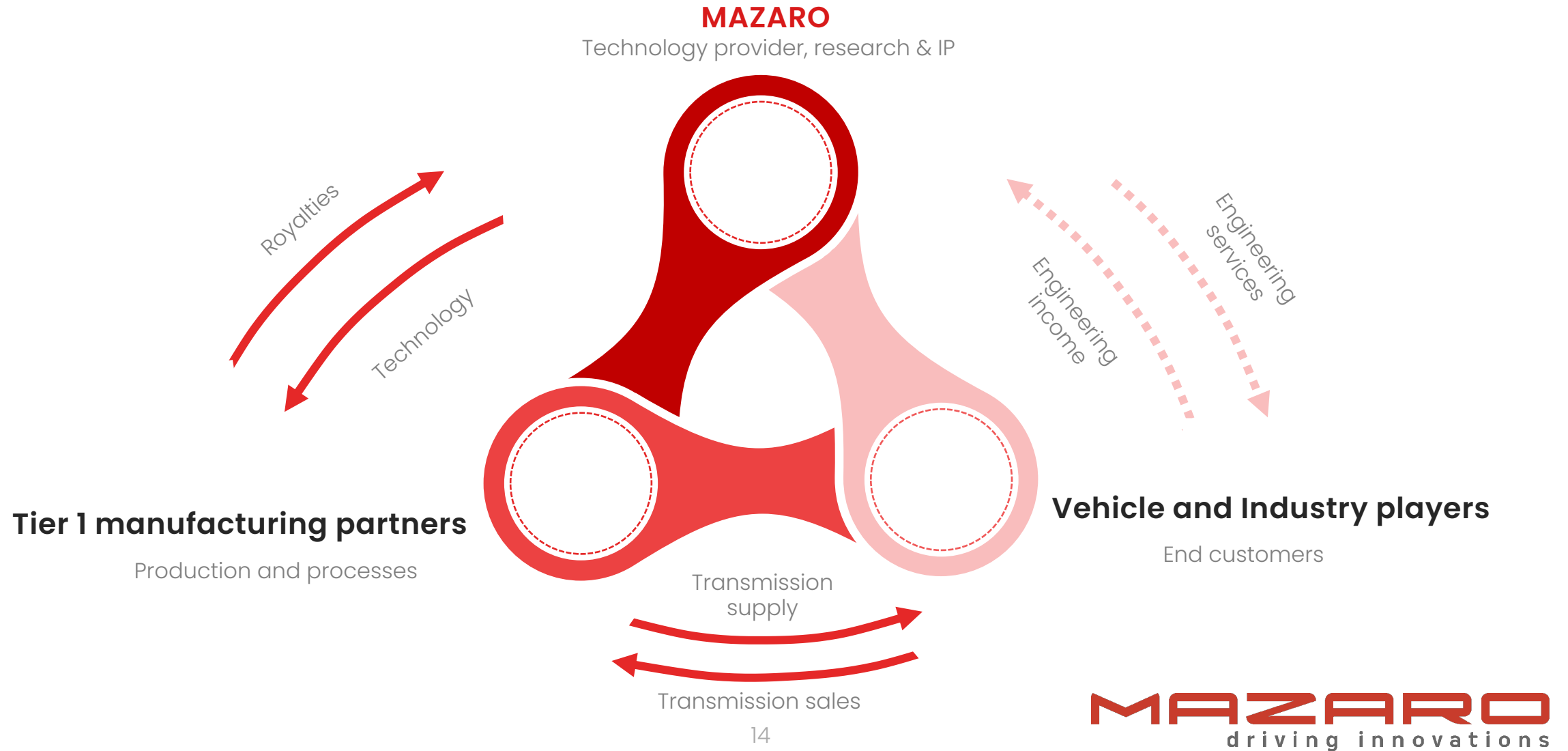


MAZARO plans to grow its team in order to develop and sell its products :

- ▶ Extra engineers to develop transmissions faster
- ▶ Hiring a toplevel business developer to expand sales activities

Business model

MAZARO grants licenses to global Tier 1s for manufacturing, sales and distribution in return for royalty fees on every unit sold (as of 2023)



Entrepreneurial and talented team

A fully dedicated team with experience in the industry:



- Ir. Filip De Mazière – MAZARO technology inventor, managing director, engineering, strategy
- Master of Science Mechanical Engineering, University of Ghent (BE)
- 25 years as Chief Design Engineer supplying Liebherr, CNH, Kalmar, McLaren, Ferrari
- 15 patents, some in production since the '90s



- Ir. Lucas Present – Development Engineer
- 2015 graduated Magna cum Laude
- 6 yrs expertise in Engineering, SW, strong analytical capabilities



- Caroline De Dijcker – Marketing Director
- Germanic philology University of Ghent (BE)
- Marketing Vlerick School Ghent
- Product Manager Hain Celestial for 17 years

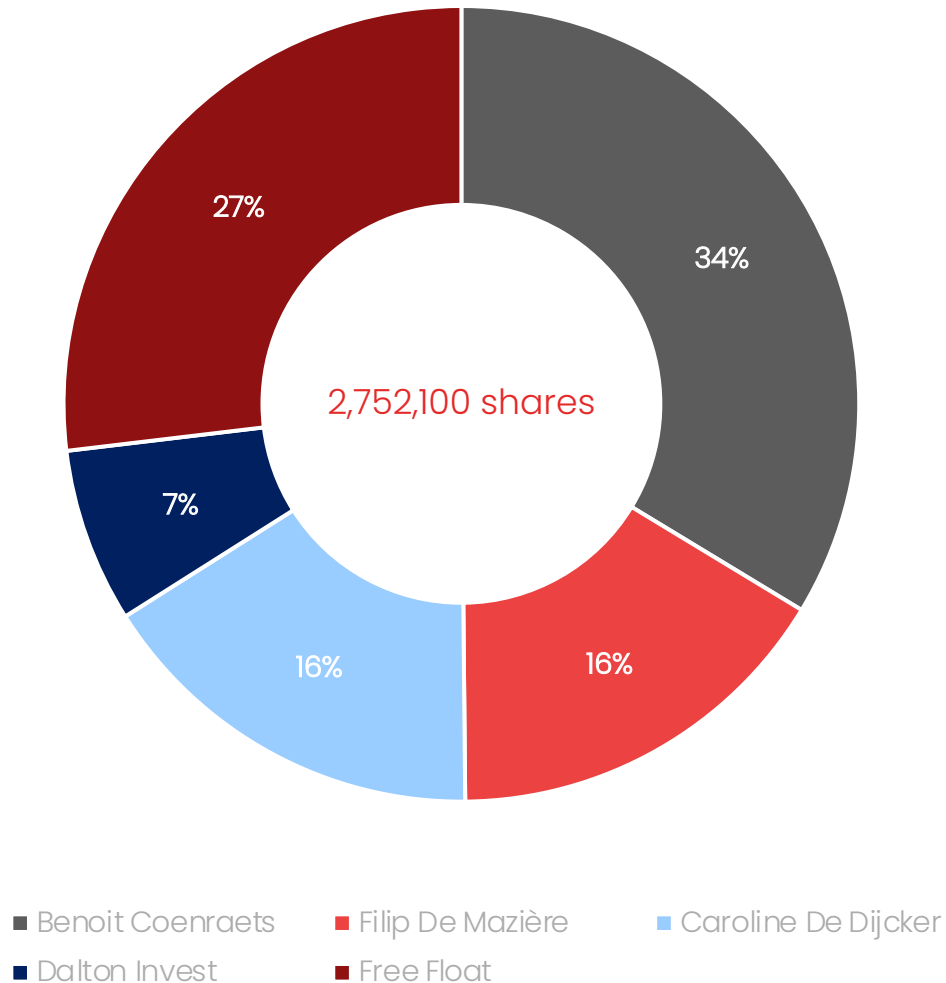


- Steven Waelbers – Advisor for Business Development and Strategy
- Master of Science in Physics
- 5 years Corporate Banking
- Experienced entrepreneur



- Lisa De Mazière – Business Developer
- Bachelor TEW Ugent
- Master Corporate Finance UGENT
- 3 yrs PWC: Auditor in Financial Services

Shareholder structure and Board composition



Board composition

- B. Coenraets
- F. De Mazière
- C. De Dijcker
- S. Waelbers (since Feb. 2022)
- ADMODUM (since Feb 2022 - represented by P. Matthijs)

MAZARO raised €3.7m on the context of its IPO:

- €2.9m private placement
- €800k crowdfunding campaign with 100+ subscribers

18 months lock-up (as from March 8, 2022) for:

- B. Coenraets,
- F. De Mazière,
- C. De Dijcker
- Dalton Invest



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