

## Press Release

### **Innovative transmission developer MAZARO wins prestigious Solar Impulse Label**

**Destelbergen, December 1, 2021 - MAZARO, the developer of revolutionary, patented transmissions for all types of vehicles with both internal combustion and electric motors, recently won the renowned Solar Impulse Label. This label recognizes and promotes efficient, clean and cost-effective technologies with a positive impact on the environment and quality of life.**



Solar Impulse ([www.solarimpulse.com](http://www.solarimpulse.com)) is an initiative of Bertrand Piccard, a Swiss explorer, psychiatrist and environmentalist. He has made history with two firsts: a non-stop flight around the world in a balloon, and recently the same flight in a solar-powered aircraft, without using fuels. With this Label, Piccard wants to prove to policy makers that clean technologies can indeed be profitable, in the hope that governments will set more ambitious energy and environmental goals.

"We are proud of this label. It is the culmination of our efforts over many years to develop a transmission with a significant positive impact on vehicle energy consumption. Our technology can be used not only with combustion engines, but also with electric motors, which will be heavily promoted in the coming years," explains Filip De Mazière, creator of the concept and director of MAZARO.

MAZARO develops revolutionary transmissions that can reduce the energy consumption and emissions of commercial and industrial vehicles and passenger cars by up to 19% and significantly increase the driving range of electric vehicles. This is partly because some traditional, energy-consuming components become redundant. With respect to internal combustion engines, think of clutch, torque converter, synchronizer rings, gears, inefficient hydraulics, etc.

### **License model**

MAZARO's transmissions are patented. MAZARO's business model is primarily based on selling licenses to reliable component suppliers, rather than setting up its own production. This means that the

company does not carry a heavy cost structure and has the ability to scale more quickly to more applications and geographic markets. The bulk of the revenue will come from a license fee on unit sales of the systems. The first license revenue is planned for 2023. Until then, pre-production revenues are generated by providing engineering services which mainly includes design and development of customer-specific transmission models.

### **Successful testing**

MAZARO has already installed the innovative transmission technology in an E-truck. The results of recent tests in cooperation with the renowned testing and homologation company Applus IDIADA proved the correctness of the calculated benefits and performance. Compared to a traditional transmission, the E-truck could drive 16.8% further with the same amount of electricity, its top speed was no less than 50% higher (useful on the highway), and the powertrain delivered significantly more torque to tackle steep slopes.

### **Strategic partnerships**

MAZARO will first apply its systems in industrial and commercial vehicles. Several leading manufacturers in Europe and India have already ordered prototypes and will begin building transmissions for trucks, E-trucks, quads, E-loaders, SUVs and tractors by 2023. In a second stage, the transmissions will be expanded to passenger cars.

To further enhance its chances of success, MAZARO is working with ONEtoONE Corporate Finance, a reputable international M&A consulting firm operating in 28 countries on four continents. ONEtoONE will assist MAZARO with financial matters.

### **Crowdfunding and IPO**

In order to finance the development of its systems and expand its team to meet the demand of its customers, MAZARO is now calling on Spreds, the Belgian SaaS platform for the digital management of stakeholders. The aim is to raise €500 000 in the coming weeks. Subsequently, MAZARO will start a project of direct listing on Euronext Access.

### **Subscribe**

[www.mazaro.eu](http://www.mazaro.eu)

<https://www.spreds.com/compartments/3118-mazaro>

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## **About MAZARO**

MAZARO designs innovative transmissions that combine exceptionally high internal efficiency with the ability to keep the internal combustion engine or E-motor on its optimal efficiency curve at all times, providing unparalleled energy, emissions and cost savings while optimizing performance and comfort. The benefits of this technology is most impressive in trucks, buses, off-highway vehicles, elevator trucks, SUVs and tractors both powered by an internal combustion engine and electric.

MAZARO is headed by ir. Filip De Mazière, a civil engineer in Mechanical Engineering (UGent) with 15 patents to his name and 20 years of experience as Chief Design Engineer at transmission suppliers DANA and HÖRBIGER/TREMEC. He was responsible for numerous successful transmission designs for McLaren, Ferrari, Liebherr and Case New Holland and others.