



LAMBERET WILL BE PRESENT AT THE SOLUTRANS SHOW FROM NOVEMBER 16TH TO 20TH.

THE BODYBUILDER SPECIALISING IN REFRIGERATED VEHICLES WILL BE UNVEILING 7 PREMIERES, INCLUDING SEVERAL BREAKTHROUGH INNOVATIONS FOR TRANSPORT AND LOGISTICS.

PRESS RELEASE

Erick Mejean, Lamberet's CEO, says: "The momentum around the subjects of fresh product distribution and the energy transition has accelerated since the last Solutrans in 2019. Lamberet, a leader in the development of temperature-controlled transport, is betting on innovation to meet the new challenges facing transporters.

The innovations exhibited at Solutrans by Lamberet via our 7 Premieres will have three keywords in common: **"zero-emission"**, **"streamlining"**, and **"efficiency"**. "

Zero-emissions, with electrified solutions from 1 to 100m³.

Lamberet will present the most advanced bodies in all "zero-emission" technologies applicable to refrigerated vehicles: Hydrogen, electrification, solar power.

- **SR2 FRESH2**, a **multi-temperature** reefer whose electric cooling unit is **powered directly by the hydrogen fuel cell** without the need for a buffer battery pack that adds to cost, weight and power consumption. **A world first**, this development is the **result of a partnership between state of the art industry players**: the OEM supplier **Bosch** (co-exhibitor on the Lamberet stand at Solutrans), the manufacturer of cooling units **Carrier Transicold** and the leading transport company **STEF**.

- **SR2-e** is a **"rechargeable electric"** multi-temperature distribution reefer whose energy requirements are met by a battery pack. This pack can be recharged either while driving through energy recovery or production, or from the mains with the option of a static precharge (as for a rechargeable hybrid vehicle). The latest generation **TRAK'r** electric generator axle, supplied by **SAF**, is integrated into the chassis of the semi-trailer made by Lamberet.

- **Renault Trucks D ZE 26-tonne electric** straight truck with a Frigoline HD refrigerated body and a **solar panel power system to supply extra power to the bodywork**. These are not prototypes, but functional mass-producible bodies, with several vehicles delivered this year for companies such as Casino and Lidl, among others.

- **Peugeot e-Expert 100% electric van**, equipped with a Lamberet ultra-efficient insulation solution coupled with an eCoolJet 106 unit from Kerstner (a Lamberet subsidiary innovation that won the Solutrans 2019 innovation award), whose **efficiency means that no additional battery pack is required**. Lamberet is the first bodybuilder to offer an electric refrigerated van conversion in the fresh range for the same cost as a classical diesel van!

Streamlining, showcased by the FRIGOLIGHT refrigerated van concept

- **Frigolight** is the forerunner of the **new generation of Lamberet bodywork** for floor or chassis-cab type **commercial vehicles**, weighing **25% less** than the current Frigoline range. Its **aerodynamics** have also been refined, with an **optimised SCx of 20%** without adding accessories.

Finally, Frigolight is introducing a completely new **"all-in-one" cooling unit and body** design, by integrating the components of the new eCoolJet 206 cooling unit into the roof panel. This unit, which will be released in 2022, will be able to equip vehicles of up to 10 m³ with the same advantages as the eCoolJet 106 version dedicated to volumes of 2 to 5 m³.

Thus, with a weight reduced by a quarter and a body integrating the cooling unit in an aerodynamic way, Frigolight marks a breakthrough innovation capable of setting new standards in its market.

Lamberet relies on a long experience in the field of lightweighting: The SR2 Green Liner is currently the lightest reefer on the market.

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Efficiency for operation, especially intensive distribution in urban areas.

- **Lamberet intends to revolutionise the routine tasks of delivery drivers** by introducing **the world's first voice-activated body control** on its rigid trucks and semi-trailers.

Based on the Multiplex Lamberet connected application, the "OK Lamberet" voice command can be used to control the raising of the taillift, the opening and closing of the lifting door, the safety lighting, and others. This makes delivery operations safer, faster and more comfortable for the operator. **The voice command developed by Lamberet is a breakthrough innovation for drivers, whose routine had not fundamentally changed in the last 50 years.**

- **In the field of safety, Lamberet unveils a breakthrough innovation to secure dockside operators: the first Automatic Drop Immobilizer (ADI) system.**

The major risk when loading vehicles at the dock is departure while a handling machine is still in operation. The untimely departure prevention system developed by Lamberet innovates with its automation based on a new implementation of RFID technology.

Lamberet's ADI is reliable, affordable, and retrofittable to all semi-trailers and straight trucks. The docks can be equipped with the system without adding heavy new structures or a power supply. Automatic and maintenance-free, and therefore without risk of human error, the Lamberet ADI is a universal, accessible innovation that **can prevent accidents and save lives.**

- In addition to these major innovations, at Solutrans Lamberet is also offering the chance to test all its technical innovations intended for its bodies: For ergonomics, the ultra-light and anti-breakage **ERGOWALL multi-temp partition wall**; for ease of delivery operations, the 100% pneumatic **automatic DISTRI+ rear curtain** made for sub-zero temperatures; to control operating costs, the **SAFELIGHT anti-breakage rotating lights**.

At the same time, Solutrans will see the European premiere of the **new rear design of the SR2 reefer chassis**, which is safer against the risk of underride, but also more aerodynamic.

SOLUTRANS INNOVATION AWARDS

Lamberet is taking part in the prestigious SOLUTRANS innovation awards competition with 4 new products.

- **SR2 FRESH2**, the first multi-temperature reefer with direct hydrogen fuel cell supply, submitted by BOSCH in the parts-maker category. SR2 FRESH2 is nominated in the equipment supplier category.

- **FRIGOLIGHT**, for its innovative multi-composite bodywork that saves 25% in weight, 20% in SCx and its unique "unit + body" concept, as a body builder on LCVs. FRIGOLIGHT is nominated in the bodybuilder category.

- The **Lamberet Voice Command** for refrigerated vehicles, the biggest advance in the delivery driver's job for 50 years, in the Digital category. Lamberet Voice Command is nominated in the Digital category.

- the innovative **ADI** (Automatic Drop Immobilizer) with its RFID chips, retrofittable and for multiple makes. This is a major safety advance, as it could save several lives each year in the logistics sector. This innovation is being presented as being from a parts-maker under the banner of Lamberet Services, the division of the Lamberet Group in charge of maintenance, bodywork repair and equipment retrofit.

INFOGRAPHIC

SOLUTRANS SHOW PREMIERES

- SR2 FRESH2, 1st multi-temperature reefer with direct hydrogen supply.
- SR2-e, rechargeable electric reefer with the future generation of SAF Trakr generator axles
- Renault Trucks D ZE electric straight truck with body and unit both powered by solar panels
- Frigolight, bodywork for "all in one" 3.5T light commercial vehicles made of multi-composite materials offering 25% weight reduction.
- Peugeot e-Expert electric refrigerated van with eCooljet 106 unit without battery pack.
- Carrosserie Lamberet's voice command controlling the functions of the bodywork.
- Automatic untimely departure prevention for safer loading operations at the dock.

KEY FIGURES, LAMBERET GROUP

- Leading maker of refrigerated bodies in France and nearly 10% Europe market share, all segments combined
- Group sales €170 million in 2020 (vs. €205 million in 2019 pre-Covid)
- Production: 5,700 bodies, including 3,100 commercial vehicles and 2,600 refrigerated vans
- 1050 employees in Europe, including 950 in France

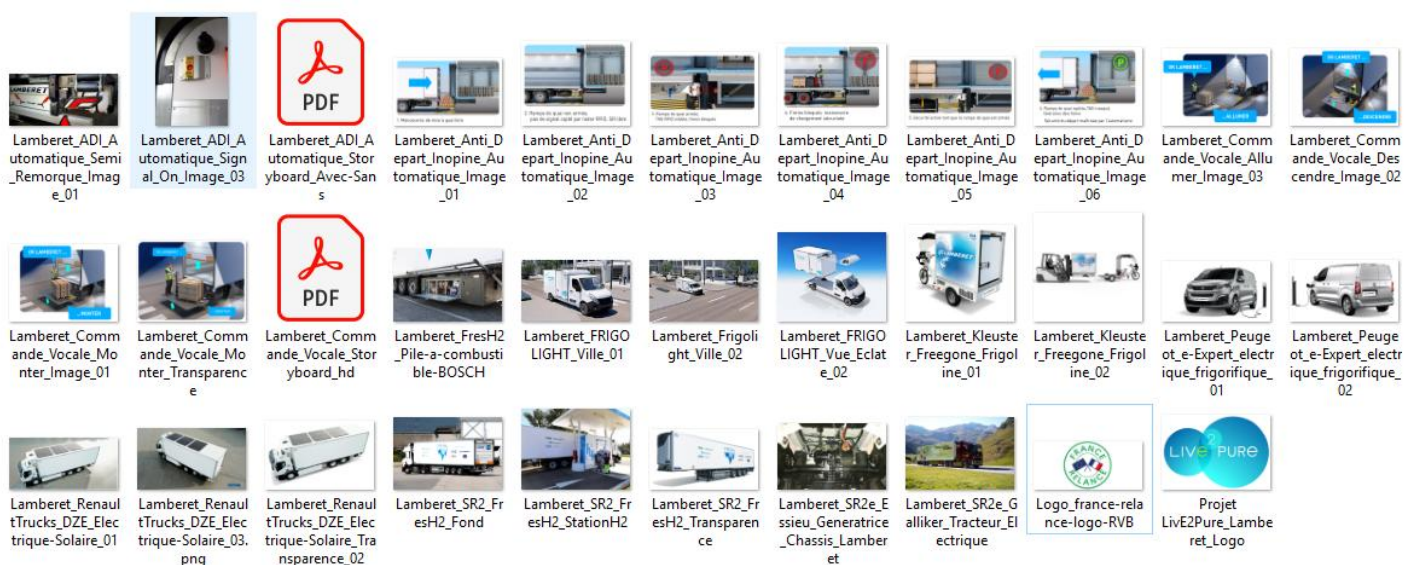
STRATEGY 2021, Lamberet Group

- **Ongoing expansion** of the Saint-Cyr/Menthon **industrial site**, with the acquisition of a 40,000 m² plot of land
- **Project Live²Pure** applied research to scale up ecological and economical urban delivery solutions (electrified reefers, connected bodies and lighter structures), with the support of the **France Relance** (national stimulus plan) automotive modernisation fund.

HD ILLUSTRATIONS

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CORPORATE

ABOUT THE LAMBERET GROUP, THE STRONG LINK IN THE COLD CHAIN.

Lamberet is one of the major players in the refrigerated vehicles industry in Europe. The Group is deploying a long-term investment plan, combining technological innovations, new product developments, and expansions of its industrial sites. Lamberet is notably behind the establishment in 2016 of a new plant in Burgundy, France, and winner of two "Gold Innovation Awards" at the last Solutrans trade show in 2019.

Lamberet stands out for its unique know-how. The group is the only player in its sector to design and produce four types of bodywork for controlled temperatures: Integrated insulation for vans, bodies for platform-cabs and chassis-cabs, bodywork for industrial rigids and semi-trailers. Lamberet also manufactures its own brand of reefer chassis. Finally, Lamberet has mastered the development of cooling units dedicated to the van segment through its German subsidiary, Kerstner.

Incorporated as a SAS under French law, headquartered at Saint-Cyr/Menthon in Ain, Lamberet is a part of the AVIC global industrial group. The Lamberet Group earned €210 million of consolidated revenue in 2020, 50% of which by volume was for export, where the brand has a distribution network in 41 countries. Production takes place at four specialised plants: Saint-Cyr-sur-Menthon, France; Saint-Eusèbe, France; Sarreguemines, France; and Kerstner, Germany.

After-sales service is another strength of the brand, with 10 service branches of our own and a network of 350 approved bodymakers.

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