

LAMBERET SPECIAL EDITION

COLDCHAIN MANAGEMENT

GOOD NEWS FROM THE GREEN COLD CHAIN



SAFESTAIR
INNOVATE TO
ZERO-ACCIDENT

RECYCLE?
BETTER: REGOODS!

INTEGRATED:
KERSTNER
& openR LINK
CONVERTOR
COMPANION



LAMBERET ENERGY, A COOL GREEN DEAL



Cyril Abegg, CEO, Lamberet Group.

LAMBERET: DRIVE RESPONSIBLE INNOVATION, ACT TOGETHER

In these times of constant instability, Lamberet is rigorously pursuing its strategy, propelled by new developments and ongoing innovation, to the benefit of all our product ranges. Our acute awareness of the need to improve working conditions for our customers, users and employees, to optimise connectivity and data access for enhanced performance, to minimise our environmental impact, and our responsibility as a major player in the cold chain for the benefit of everyone's health, resolutely guide our commitment to offering innovative solutions that are increasingly ecologically sound.

This environmental transformation is a constant source of inspiration for our teams. We are bringing about a positive social impact, which is a great source of motivation, satisfaction and excitement.

With this in mind, we are introducing new features for comfort, connectivity and safety. The release of the Smart Connected Box, Kerstner's

integrated unit control system, and Safestair secure access, are major innovations that are having a real impact because they are scalable. We offer our clients with all our expertise in terms of frugality and optimization of their energy consumption to reduce the overall carbon footprint of temperature-controlled transport. The launch of the Lamberet energy offer will reinforce our leadership in this key area. Our positive contribution to the environmental transition also takes the form of concrete partnerships, such as the great bodywork recycling scheme initiated with Regoods.

We're proud to be making an active contribution to this transition, inspired by and sticking to our values of transparency, customer focus, efficiency, and innovation. Enabling you to make a difference while having a positive impact on society is our unwavering commitment. ■

Sincerely,
Cyril Abegg

COOL NEWS!

Lamberet certified by Ecovadis

LAMBERET has been awarded the bronze medal by Ecovadis, a label for assessing Corporate Social Responsibility (CSR).



Matthys inaugurates its new workshops



Carrosserie Matthys, Lamberet's official distributor in Belgium, inaugurated the expansion of its conversion site in July 2023.

Kerstner celebrates its 40th anniversary



In September 2023, Kerstner, the Lamberet Group's brand for cooling units, celebrated its fortieth anniversary in the presence of our customers, partners and employees.

Bodybuilder approval renewed



Lamberet has been awarded the "Renault Pro + certified bodybuilder" accreditation. This recognition highlights our refrigeration products across the entire Renault range, from vans to platform and chassis-cabs.

> LAMBERET ENERGY

PIONEERING THE ENERGY TRANSITION WITH LAMBERET ENERGY



The energy transition requires immediate action and the ability to mass-market appropriate solutions. The Lamberet energy offer has a multi-faceted mission: to support our customers in analyzing operating constraints and recommending the most appropriate solutions for a smooth transition to partially, or fully, electric power systems for reefers.

The Lamberet energy offer is bundled to include functions for storing, converting and controlling the electrical energy used to power the refrigeration units in Lamberet's range of temperature-controlled semi-trailers.

To make this energy transition economically viable, Lamberet energy deploys full-service long-term leasing solutions that include a performance guarantee for the duration of the contract. Lamberet energy offers advanced technology for both energy storage and connectivity. Operational data is made available to users via web platforms and application programming interfaces (APIs). Lamberet offers its customers a personalised support program to ensure optimal use and maintenance of their systems.

Lamberet Energy takes charge of the entire battery life-cycle management process, with innovative reuse and recycling channels. ■

SAFESTAIR: ZERO-ACCIDENT VISION

SAFESTAIR, presented by Lamberet and nominated in the bodybuilder category at the Solutrans Innovation Awards, is an innovative retractable access ladder with an integrated automatic safety ramp.

Thanks to a deformable parallelogram design combined with a single safety link (anti-pinch), **the Safestair guardrail deploys and retracts automatically.**

Workplace accidents are commonly reported when entering or exiting vehicle bodies. Safestair is the ergonomic, safe answer that sets a new benchmark for modern rear access. Based on VASP, the strictest standard to date for motorhomes, Lamberet has designed a retractable stairway with 3 or 4 steps combined with a deck, and an exclusive automatic side rail offering the user a 3rd point of support. **Safestair is compatible with both semi-trailers and rigid trucks,** guaranteeing safety on both ascent and descent. ■



DISCOVER
THE VIDEO



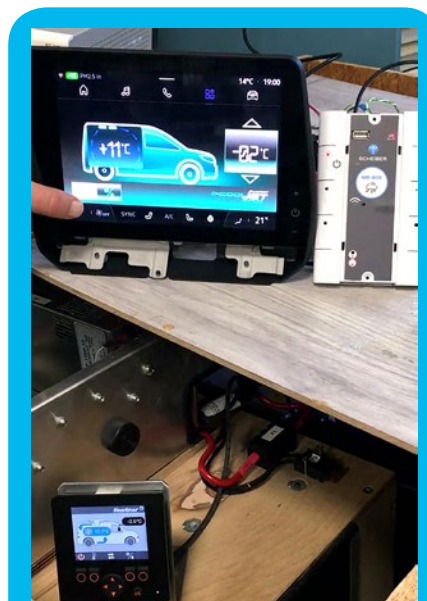
KERSTNER SMART CONNECTED BOX

SMART CONNECTED BOX, presented by Kerstner in the equipment manufacturer category at the Solutrans Innovation Awards, is a new OEM-integrated remote-control technology for CoolJet cooling units.

Previously a wired physical element attached to the dashboard, Kerstner CoolJet cab controls can now be **integrated into the vehicle's original digital dashboard**, via a multi-protocol communication gateway, the Smart Connected Box. The technical innovation lies in the ability to reproduce the functions of the in-cab control system on an Android Auto app installed on the vehicle's native touchscreen.



Communication with the ECU, the refrigeration unit's central computer, is based on the CAN (Controller Area Network) protocol. The Smart Connected Box acts as a gateway between this protocol and the Android protocol. In addition, the use of this protocol enables features from the vehicle CAN to be added (evaporator cut-off, alerts, etc.) and the use of the manufacturer's OTA connectivity to power a remote cooling unit monitoring application. ■



The first vehicle to incorporate CoolJet units with Smart Connected Box and fully integrated control will be the new Renault Master XDD in 2024, thanks to its innovative "OpenR link converter companion" feature.

SR2 SMART&SAFE

OPERATIONAL EXCELLENCE FOR TRANSPORT EFFICIENCY

With the SR2 Smart&Safe demonstrator, LAMBERET has redefined the excellence of refrigerated bodies by innovating in the fields of **energy efficiency, safety, and connectivity**.

SR2 Smart&Safe ensures an optimal volume/energy efficiency ratio, thanks to a body with a high insulation coefficient, while preserving repairability and customisability. The composite panels incorporate high-performance polyurethane foam, while the bodywork benefits from Lamberet's expertise in thermal bridging and waterproofing, with exclusive multi-lip Teflon-coated joints. Aerodynamics are optimised, with a smooth rear end thanks to integrated locking gears, the CX system front end, and an exclusive HD 10 chassis



module that lowers the overall vehicle height. For safety and ergonomics, SR2 Smart & Safe incorporates innovations exclusive to Lamberet, such as Easyconnect sliding air and electrical sockets connexion on a Drylin monorail, a safe, multi-purpose aluminum fuel tank (RNG, HVO, B100), Safelight pivoting rear anti-crush LED lights, Safestair rear access with automatic

ramp, Ergowall 2.0 multitemp bulkhead, and an ADI system to prevent untimely departure. Airflow efficiency is enhanced by the patented IAFO system, ensuring even air distribution via the Coandă effect. Fully connected, SR2 Smart&Safe features TPMS, anticipating the standards that will be mandatory from July 2024 for new vehicles.

IVECO eDAILY COOL & ELECTRIC

FRAIKIN, LAMBERET AND CARRIER TEAM UP FOR ENVIRONMENTALLY-FRIENDLY MOBILITY



Fraikin, Europe's leading commercial vehicle leasing company, has joined forces with Lamberet, the specialist in refrigerated bodywork, and Carrier, a major player in the cooling unit industry.

The new electric Iveco e-Daily is the basis for this project. Lamberet's Frigoline Pro body guarantees robustness up to 7t5 GVW, and exceptional insulation with 85 mm composite panels. This exclusive feature makes it the **ideal body for electric vehicles, minimising energy loss and preserving the vehicle's range.**

Carrier Transicold has designed the Pulsor eCool cooling unit to run directly on the high-voltage direct current generated by the vehicle's OEM batteries.

The unit is thus powered directly by the 15kW ePTO.

The advantage is a 100% electric refrigerated vehicle, for both traction and refrigeration, with a single optimised energy source.

› LAMBERET, COMMITTED TO THE FUTURE

TOWARDS EXEMPLARY SOCIETAL RESPONSIBILITY

Lamberet, a leader in the cold chain, has adopted an ambitious, practical, forward-looking approach to CSR. Structured around five pillars – Governance, Environment, Social, Economy, Territories – the Group's strategy is embodied in 16 key objectives and over 50 actions deployed over the next 3 years. Through this approach in 2023, Lamberet opened its doors to the community at

the first open-house event in Saint-Eusèbe, partnered with Regoods to recycle refrigeration cells into low-carbon housing, and launched a full range of "Zero Emission" bodywork, including the SR2-e refrigerated semi-trailer. Lamberet shows it is socially committed by engaging into charitable events such as «Corporate Marathons» and «Octobre Rose», while actively reducing its energy consumption through insulation, replacing

older lights with LEDs, and installing solar panels.

With Lamberet energy, the Group is offering a new line of services and long-term rental contracts to provide low-carbon equipment for semi-trailers. Milestones have already been set, with specific metrics, a CSR steering committee, and successful Ecovadis certification. ■



Open house at Saint-Eusèbe new LCV plant, June 2023.



QWL week at Saint-Cyr factory, over 500 participants in various activities.



Corporate commitments and employees in solidarity: The Verticale Rose race to support the fight against cancer.



Autonomous green energy production using solar panels at the new Saint-Eusèbe facility.



Developing a "Zero Emission" product range: SR2-e customer tests.



FACTORY
OPEN HOUSE
VIDEO

› BETTER WORLD

REGOODS AND LAMBERET TRANSFORM REFRIGERATED BODIES INTO ENVIRONMENTALLY FRIENDLY HOUSING



Regoods, a company rooted in innovation, is redefining the temporary building sector by promoting a sustainable model. **In partnership with Lamberet, Regoods has developed modules based on recycled reefer bodies**, offering environmentally friendly solutions available for rental and sale.

The approach integrates customer support from project design to commissioning, guaranteeing safe, technical solutions developed in collaboration with renowned engineering firms such as Artelia and Segula Technologies.

Regoods modules are adapted to regulatory and urban constraints. Their carbon footprint, validated by a Life Cycle Assessment (LCA), is among the lowest in the sector. The specific properties of Regoods modules include optimum interior comfort, heat resistance, wheelchair access, robust walls and floors, and a generous interior volume of up to 100 m³.

Applications for Regoods modules include offices, reception desks, dressing rooms, kiosks, snack bars, coworking spaces, workshops, storage areas, and meeting rooms. ■

› FLYCASE

CONNECTED AND PACKED!



Lamberet innovates with an environmentally-friendly logistics solution. **Our new reusable and connected wooden shuttle crate** is revolutionising the transportation of our refrigerated bodywork rear doors between our sites and for spare parts.

Designed to minimise waste and transport costs, this reusable crate is equipped with the solution Living Packets – The Tablet.

Thanks to this technology, it's possible to track the shipment of your doors in real time, and access crucial data such as location, temperature, and humidity. The integrated display provides essential information at a glance, allowing you to monitor your order status and receive alerts in the event of a problem.

This innovation promises lasting savings and greater assurance of the optimum arrival of orders served by our Lamberet Services entity. ■

SR2⁺e

LAMBERET *energy*

New energy to take the lead



**Electric refrigeration,
complete solutions:**
The cool green deal
with Lamberet energy //

