

# SOLUTRANS

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**CARREFOUR MONDIAL**  
DU VEHICULE INDUSTRIEL ET URBAIN

[Press release](#)

Lyon, 22 November 2023

## SOLUTRANS 2023: THE WINNERS OF THE I-INNOVATION AWARDS ARE...

A major event in the road and urban transport calendar, the I-innovation AWARDS distinguish the innovations by SOLUTRANS exhibitors that improve the performances of companies in the sector.

Since 2019, the I-innovation AWARDS have been organised by FFC in a revisited format and with a new visual identity, remodelled award criteria and a broader judging panel. This is made up of technical executives from heavy commercial vehicle manufacturers, acknowledged industry professionals (partner transport federations, competitiveness clusters) and specialist journalists. The new trophies are furthermore unique and have been made by an artist.

From around a hundred submissions, 25 innovations were shortlisted: seven in the Body Builders category, seven in the Equipment suppliers category, seven in the Digital Award category, and finally four in the new Cargo bike category.

Additionally, a special “Joseph Libner” award, in tribute to the former FFC Chairman, is presented to an innovation with a specific environmental aspect from across the Body Builders and Equipment Suppliers categories.

**The winners were announced at the official awards ceremony on Tuesday 21 November at 7.00pm at the Lyon Groupama Stadium.**

### **Attendees witnessed the presentation of:**

- 3 awards - Gold, Silver and Bronze - in the **Body Builders category**;
- 3 awards - Gold, Silver and Bronze - in the **Equipment Suppliers category**;
- 3 “**Digital AWARDS**” to reward a winner in each of the categories of “software publishing” and “connectivity solutions”. The judges also presented their own “Special Award”.
- **1 special Joseph Libner award** in the Body Builders and Equipment Suppliers categories.

**The Cargo Bike awards** were presented on an experimental basis to underscore the important innovations of this new sector of the show, which prefigure tomorrow’s urban-centric transportation. The winners were designated by SOLUTRANS and FFC.

## **The 2023 Winners - Equipment Suppliers category**

### **Gold Award: KKS - JOST**

**KKS** is an automatic control and monitoring system for the entire coupling and uncoupling process operated remotely from the cab. The KKS enables the driver to couple and uncouple the semi-trailer automatically, quickly and safely using this remote control. This new product alone offers a considerable increase in efficiency, comfort and safety. With all these advantages, the KKS system is the future of logistics and an essential component of autonomous driving. A revolutionary world first. The KKS can also be retrofitted.

Stand: 2 A 011

### **Silver Award: ID FUEL – ELECTRO**

**ID Fuel** is a fuel analysis system that guarantees the exclusive use of B100 or HVO biofuels eligible for a Crit'Air 1 sticker. This system is the brainchild of two innovative companies: SP3H, which has devoted more than 18 years of R&D to design a miniaturized, real-time, on-board infrared fuel analysis solution, and HYPHEN TECH, a brand of ELECTRO MAINTENANCE, which specialises in optimising the dialogue between vehicle, accessories and user.

Stand: 5 C 067

### **Bronze Award: HIB – TELMA SAS**

Telma has developed up with a worldwide unique hybridization innovation: the HIB (Hybrid Induction Brake) system. In addition to the safety function of the retarder, this innovation provides two further functions: a motor function which provides power support for combustion engines, and a generator function which converts braking energy into electrical power for the vehicle's auxiliary systems (air conditioning, refrigeration, concrete mixer, waste compacter, etc.).

Stand: 5 B 055

### **Joseph Libner Award: Vector HE 19 MT low CO2 – CARRIER TRANSICOLD**

**Vector HE 19 MT low CO2** is the first refrigeration system for semi-trailers in the world to combine a low GWP coolant and a 100% biodiesel fuel, B100, a cleaner fuel than fossil fuel diesel. The use of a coolant whose GWP is 88% lower than that of currently used.

Stand: 4 D 065

## The 2023 Winners - Body Builders category

### **Gold Award: Recircle Solution: LECAPITAINE**

This project is the result of work by the teams at LECAPITAINE on the environmental impact of its bodywork. The aim was to produce a more environmentally friendly body, with a production process that is part of a circular economy. This new generation of patented bodywork has the same technical performance as its traditional bodywork.

With the **Recircle solution**, we will move towards a greener industry by reducing our CO<sub>2</sub> emissions by 72% and enabling us to recycle over 97% of our bodywork.

Stand: 4 B 085

### **Silver Award: Slidoor – BENALU-LEGRAS GROUP**

The **SLIDOOR** system is inspired by the strengths of market-available door solutions and, through its automation and the use of mechanical devices unique in the world of tipper doors (worm screws and slide rails in particular) innovates and allows use from the cabin without risk for the user and with door sweeping space when opening reduced to the minimum necessary.

The solution developed consists of unlocking then opening the leaves automatically, then sliding them along the side faces using actuators.

Stand: 5 B 090

### **Bronze Award: PLSC S.CS X-TOUGH semi-trailer by SCHMITZ CARGOBULL AG**

The **S.CS X-TOUGH** semi-trailer has been specially developed for countries with regulations authorising a GVWR of 44 tonnes, so-called severe or intensive use and for all demanding clients. Its new chassis fits in perfectly with the Schmitz Cargobull range, with its fully galvanised and bolted structure. The S.CS X-TOUGH has an architecture which makes it particularly robust. Particular attention has been paid to the stability of the rear overhang in the event of rear loading and to withstand high frequency forklift loading.

Stand: 4 F 122

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Stand: 4 B 085

## The 2023 winners - Digital AWARD

### **Digital AWARD in Connectivity Solutions: OpenR link with convector companion - RENAULT**

Pre-disposition of the vehicle's Renault multimedia screen so that body builders can display their application on it. **Renault openR link multimedia** allows the body builder's applications to run on the Renault ecosystem so as to pilot and control the fittings installed by the body builder.

Stand: 4 E 026

### **Digital AWARD in Software publishing: MICHELIN Smart Predictive Tire –Michelin Group**

**MICHELIN Smart Predictive Tire** is the automated solution for tyre inspection, alert and predictive maintenance combining TPMS\* temperature and pressure sensors, the patented MICHELIN QuickScan wear monitoring system and MICHELIN predictive algorithms.

\*TPMS = Tyre Pressure Monitoring System.

Stand: 3 B 080

### **Judges' special award: Vision Assist – BÄR CARGOLIFT FRANCE SAS**

Safety first! Safety and digitalization - how about the platform stopping automatically if there is a risk of collision? The new **VisionAssist** assistance system uses AI rear-view cameras. If the camera detects a person within the platform's movement radius, the operating command immediately stops automatically. Combined with Bär SmartControl CabinControl, the hazardous situation is directly displayed to the driver on the monitor in the cab.

Stand: 3 B 051

## Special Cargo Bike Award

### **Trailer with lift gate pallet carrier – K-RYOLE**

A 100% autonomous pallet carrier, enabling 350 kg pallets to be loaded, transported and unloaded in a way that is safe for both the delivery driver and his or her goods. The trailer is attached to a bicycle, and thanks to the world-patented Kaptor technology, the rider no longer has to exert any effort at all.

This trailer allows deliveries to be made right down to the last metre and pallets to be dropped off directly at the delivery site.

Stand: 1 C 019

### **VUF XXL Valeo Transporter – VUF BIKES**

The VUF XXL Valeo Transporter is an electrically assisted three-wheeler "made in France" designed for transporting heavy loads and large volumes (up to 150 kg and 1.5m<sup>3</sup>). Its large loading area and electric assistance make it a safe and comfortable utility solution, thanks to its ergonomic design and reduced footprint for users between 1.5m and 2m tall.

Stand: 1 C 010

### **PelicanTrain – PELICAN CYCLES**

Pelican has developed a solution: the logistics train, or pelicanTrain. This is a cargo bike that can be ridden like a conventional bicycle without any training. It has a flexible carrying capacity, ranging from 100L to 3,000L with the addition of one or more trailers, and can load up to 500kg. To be this modular, each element (bike or trailer) is powered and fitted with brakes.

Stand: 1 A 002

## TricyLift - FLEXIMODAL

The TricyLift is a utility cargo bike designed for parcel delivery professionals. Fully embracing the principle of containerisation thanks to its unique patented Lift&Go technology, the TricyLift splits in two to lift the load effortlessly directly from the ground onto the rear frame of the bike. Quick to assemble, the TricyLift allows you to make a series of deliveries without stopping or reloading, for greater efficiency.

Stand: 1 C 001

Apply for accreditation for the show [here](#).

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### About SOLUTRANS

SOLUTRANS: THE GLOBAL HUB FOR HEAVY & LIGHT COMMERCIAL VEHICLES

SOLUTRANS, bringing together market players from across the heavy and light commercial vehicle industry, will hold its 17th edition from 21 to 25 November 2023 at Lyon Eurexpo, France.

The event, belonging to the French Bodywork Federation FFC and certified by the International Organization of Motor Vehicle Manufacturers (OICA), brings together, over 90,000 sqm, nearly 50,000 professionals along with 1,000 exhibitors and brands from all over the world, under a shared banner: "Energy transition: all players in a greener industry."

SOLUTRANS is the two-yearly rendezvous of one of the most innovative sector verticals, from industry to services. Global economic conditions make SOLUTRANS a showcase for the exceptional performances of HGV builders, bodywork manufacturers, vehicle fitters, OEMs, manufacturers of workshop equipment, tyre professionals and distribution networks.

SOLUTRANS also aims to echo the challenges of the sector, with a specific focus on energy sources, retrofitting, city centre deliveries and its constraints, etc. Moreover, this year the show will present its vision of the "last yard", with an approach centring on city centre access restrictions, and low emission zones in particular. New delivery methods, notably cargo bikes, which are becoming a part of the transport ecosystem, will have a large educational and test area allotted to them in the centre of Hall 1.

With its status as a global industry event, SOLUTRANS has set itself the goals of supporting the industrial sector, promoting solutions to professionals, and anticipating the challenges that lie ahead.

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