

URBAN DELIVERY CONCEPT ZERO PETROLEUM



Providing urban areas with the required foodstuff and medicine products has proved a growing challenge in past years.

The Zero Petroleum Urban Refrigerated Delivery Concept does not unveil one promising innovation, it unifies cutting-edge transport technologies in each domain, to provide a disruptive advanced operational solution. It brings a new message: it is possible to run day by day, temperature controlled, mass-deliveries into cities, together with targeting zero noise, zero particles emissions, zero local pollution, zero fossil energy, zero accessibility issues.

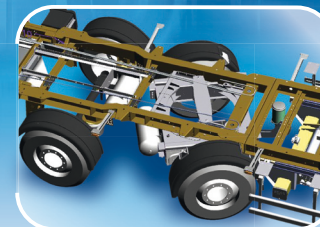
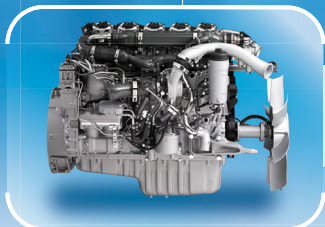
It is for transport companies an economically efficient concept, based on standardized, reliable and financially accessible equipments, relying on available and appropriately priced energy.

THE FUTURE NOW



The strong link in the cold chain

Lamberet has designed the new SR2 X-City urban reefer range to articulate itself in an integrated concept of "Zero Petroleum" scheme:



Alternative energy powertrain truck, hereby represented by the Scania recently unveiled extended and innovative range of Euro 6 biogas-fueled engines.

Euro 6 gas engines are recognized for their "zero emission" level of particles and local pollutants. It even reduces CO2 impact by a minimum of 90% when being sourced as "biogas", using local sewage or waste.

Innovative and sustainable engineless refrigeration system, using Carrier Transicold Vector all-electric cooling unit, powered by the new ECO-DRIVE generator module.

The cost of Eco-Drive hydraulic generator on the truck, powering the cooling unit on electricity, is more than compensated by the deletion of any fuel consumption from the refrigeration system and the reduction of maintenance.

The cooling unit keeps its residual value higher.

Avant-garde Lamberet trailer chassis with steering axles to provide enhanced maneuverability, based on a unique design embedding breakthrough technology cables-driven turning turrets supporting the axle(s).

It allows a 27 pallets trailer to be more agile than a small truck, making city its playground. Investment is quickly amortized by a reduced consumption together with longer tires lifespan, thanks to X-City optimal "Ackermann" geometry.

Composite body with leading insulation quality, featuring the pioneering Distri+ automated roller-shutter door, 100% pneumatically assisted, to accelerate distribution operations.

The Distri+ innovative roller shutter door, fully automated by compressed air from the truck, allows the driver to open or close the loading area in less than 10 seconds, avoiding cold loss.