

URBANWAY THE SMART CITY BUS



IVECO
BUS

Your partner for sustainable transport





URBANWAY

Specifically designed for public transport, Urbanway is an efficient tool for today's modern urban areas. More than a vehicle, it is tailored to be integrated in a multimodal mobility context.

Urbanway is characterised by **high standards** in terms of driver and passenger comfort, a versatile interior layout, sustainable propulsion systems and profitability.

- + With its optimal light and intelligent use of space, Urbanway offers a **welcoming interior**.
- + The raised driver's compartment is generously equipped and fully compliant with **EBSF standards**.
- + Three lengths and a wide offering of alternative tractions make the Urbanway range a **practical solution** for your public transport needs.

Thanks to the IVECO BUS services offer, Urbanway is ready to embrace the **next mobility challenges**.

CONTENTS

SUSTAINABILITY	5	FULL HYBRID	10
PASSENGER LOUNGE	6	IN-MOTION-CHARGING	11
DRIVER'S OFFICE	7	BRT CONCEPT	12
NATURAL POWER	8	THE RIGHT DRIVELINE FOR GREEN MOBILITY	13
SMART HI-SCR TECHNOLOGY	9	CONNECTIVITY AND SERVICES	14

URBANWAY. THE SMART CITY BUS.

The Urbanway range always offers operators and public authorities an attractive and environmentally friendly urban transport solution for every type of city mission:

- + 3 lengths: short (10.5 m), standard (12 m) and articulated (18 m) versions
- + 4 drivelines: Natural Power, Euro VI HI-SCR, Full Hybrid and Full Electric vehicles
- + BRT version for maximum personalisation
- + Range of services for easy fleet management



PASSENGER LOUNGE

COMFORT AND WELLBEING
BRIGHTNESS
SMART PASSENGER FLOW
CLIMATE COMFORT

DRIVER'S OFFICE

RAISED DRIVER POSITION
CLIMATE COMFORT
OPTIMISED STORAGE
EBSF COMPLIANT

IDEAL DRIVELINE

UNIQUE HI-SCR TECHNOLOGY
NATURAL POWER EXPERTISE
SILENT ELECTROMOBILITY

CONNECTIVITY AND SERVICES

TELEMATICS SERVICES
ITxTP LABEL
M&R CONTRACT



SUSTAINABILITY

IVECO BUS AND CNH INDUSTRIAL TAKE SUSTAINABILITY SERIOUSLY

CNH Industrial has focused on sustainability for several years now and its efforts in this direction have been recognised by many independent bodies, such as the Dow Jones Sustainability Index, which has rated our company a qualified Industry Leader for 8 years in a row.

In addition, in 2017 CNH Industrial also started implementing the United Nations Sustainable Development Goals. Sustainability applies to many fields, such as corporate responsibility, including suppliers (Goal 8), and the development of alternative powertrains (Goal 13).

Alternative powertrains for citybuses such as natural gas, hybrid and full electric with the innovative In-Motion-Charging, have been developed in order to provide improved air quality in cities and help reduce CO₂ emissions.

The whole product life cycle also demands attention. In addition to bus operating, manufacturing and recycling need to be considered. Like every other CNH Industrial plant, our manufacturing site at Annonay in France has implemented the World Class Manufacturing process for many years and is Bronze-medal certified. WCM means manufacturing with rules to control and improve processes, including waste and energy management.

With respect to recycling, the Urbanway body is built entirely from bolted panels which can be individually removed for repair, and then for end-of-use purposes and material sorting. The shell is also built from bolted steel sub-elements which can be later unscrewed with a view to disposal. This unique feature is a key advantage for reducing the burden of recycling and material separation.





PASSENGER LOUNGE

URBANWAY: THE ONE AND ONLY “LOUNGE IN THE CITY”

A spacious interior and a **warm feeling of being welcomed** make the Urbanway the perfect place to sit back and relax while travelling.

Its wide low floor space enables **fast passenger flow** while ensuring full disabled access. Thanks to a smart distribution of interior space, all drivelines provide multiple seating arrangement possibilities, catering to every need in terms of travel experience.

The **optimal natural brightness**, excellent visibility and attractive LED ambient lighting all provide comfort and wellbeing, making for a relaxed journey.

Superb climate comfort, with dedicated air vents and over-door air curtains, allows efficient airflow to create the perfect travel environment.

The wide choice of options, such as coloured ambient lighting and customised interiors, heightens the perception of a **cosy style and helps people to feel at home**.



DRIVER'S OFFICE

SMART OFFICE SPACE SPECIFICALLY DESIGNED FOR DRIVER OPERATIONAL EFFICIENCY

The raised driving position, always valued by drivers, affords perfect visibility of road conditions and relaxed driving. Moreover, it ensures the best protection in road accidents, as well as a suitable position for welcoming passengers on board.

With a **spacious and ergonomic** driver area, packed with practical features, Urbanway drivers can perform all their daily tasks in the best possible conditions. A wide space, perfectly ergonomic dashboard and several storage compartments are the main features of this standard in the driver's office.

A highly efficient climate control system with 6 air vents ensures optimal driving conditions: top drivers deserve **top climate comfort**.



NATURAL POWER. HIGH EXPERTISE.

IDEAL FOR FLEET ENERGY TRANSITION WITH LOW INFRASTRUCTURE INVESTMENT AND MATURE TECHNOLOGY

Over the last 25 years, IVECO BUS Natural Power technology has become a **mature solution for a proven clean and sustainable mobility**.

Urbanway Natural Power helps to improve **air quality and quality of life** with reduced emissions and a significant reduction in noise. This advanced technology offers **near zero-particulate solutions**, as well as reducing NOx. In addition, the use of **biomethane** cuts CO₂ emissions by 80% or more.

Urbanway Natural Power fitted with the Cursor 8 engine allows **easy integration within bus fleets** as it belongs to the Cursor engine family, and ride, drive and handling perform in exactly the same way.

IVECO is the only manufacturer in the world to offer the Natural Power option across its entire range of public service vehicles, allowing **synergies between different cities operating vehicles**, in areas such as passenger transport, delivery trucks and refuse collection.



SMART HI-SCR TECHNOLOGY

THE BEST COMPROMISE FOR PERFORMANCE, CONSUMPTION AND SERVICEABILITY

Thanks to the most efficient **Euro VI technology with no regeneration**, you can stop wasting fuel, time and productivity. Urbanway fitted with the Tector 7 or Cursor 9 Euro VI engine lets you spend more time running your business, thanks to its **long maintenance intervals**.

Urbanway has been optimised for urban mobility missions **with simplified daily checks** combining filters, levels and tanks, and also with **easy access to the engine compartment** from all sides via several quick-open panels.

Urbanway also promotes the use of **alternative fuels** with its innovative technology which is fully compatible with the new HVO and XTL fuels, towards greener mobility with no infrastructure impact and low costs.



TECTOR 7. HIGH EFFICIENCY.

Smart design for high passenger capacity and low running costs.



CURSOR 9. HIGH PERFORMANCE.

Everything is designed for productivity.

FULL HYBRID. HIGH ECONOMY.

EXPERIENCE ENERGY TRANSITION BY RIDING ELECTRIC WITH NO INFRASTRUCTURE COSTS

The **serial hybrid** technology has been proven by numerous studies (*) to be the right design for a quieter and cleaner ride, significantly reducing fuel consumption and CO₂ emissions.

The Urbanway Hybrid vehicle **reduces operating costs** due to the excellent fuel economy achieved thanks to the batteries, which **recover energy** during driving. All auxiliary devices have been also optimised to **improve energy consumption**.

The driver's work is facilitated by **easy management of eco-driving** thanks to the electric retarder lever and econometer gauge on the dashboard.

- + Propulsion is **directly supplied by the electric generator**, providing reactive acceleration at start-up, smooth speed increase and consistent power to keep up with efficient commercial speeds.
- + The "Arrive & Go" function provides 100% electric drive via **automatic engine switch off** in the vicinity of the bus station, so that the vehicle is **emission-free and silent** around the station.



(*) University of Graz (Austria) and the VTT Technical Research Centre in Helsinki (Finland).

ELECTRIC IN-MOTION-CHARGING. HIGH FLEXIBILITY.

ANOTHER ELECTROMOBILITY IDEA

IVECO BUS has extensive experience of trolleybuses. The new generation Urbanway In-Motion-Charging is an electric vehicle whose **batteries recharge while driving under overhead lines**, thus avoiding any loss of time or extra grid costs associated with recharging.

This technology ensures optimal performance **with no restrictions on gradeability, mileage or climatic comfort**.

Its batteries allow a **versatile zero-emission motion mode** even in the absence of overhead lines. The regenerative braking system allows energy to be stored for recharging the battery, or sent back to the grid.

Overhead line-free zones **blend more harmoniously** with the urban aesthetic zones and in the junctions. **Limited infrastructure costs** as it can eliminate costs associated with complex corners or junctions. This technology ensures **continuity of service** even with temporarily inaccessible routes.



BRT CONCEPT. HIGH CUSTOMISATION.

THE FLEXIBILITY OF A BUS, THE EFFICIENCY OF A TRAMWAY

As the **pioneer and leader in the Bus Rapid Transit (BRT) segment**, IVECO BUS is a real success story that confirms the importance of this mean of transport as **an efficient alternative to buses and tramways**.

The BRT system is based on a **combination of infrastructure, vehicles and in-use operation**: dedicated bus lanes with all the facilities to run a fast, frequent and regular service in order to perform in new, complex city infrastructures, attracting a growing number of passengers. The BRT concept has a scalable deployment according to municipalities' needs and budgets.

The BRT concept gives cities a modern appeal, with its instantly recognisable lines for a structural effect. In line with this concept, Urbanway benefits from an exclusive design, tailor-made to meet public transport authorities' expectations in everything from unique interior ambiance to outstanding livery.



THE RIGHT DRIVELINE FOR FUELLING GREEN MOBILITY

A COMPREHENSIVE OFFERING TO SATISFY EVERY PUBLIC TRANSPORT AUTHORITY NEED

IVECO BUS promotes the use of alternative fuels and powertrains for citybuses in order to provide improved air quality in cities and help reduce **CO₂ emissions**.

- + **Natural Gas** is a mature technology which the company has been using for the past 25 years. It offers near zero-particulate solutions, as well as reducing NOx. In combination with **biomethane** it cuts CO₂ emissions by 80% or more.
- + **Euro VI technology** is fully compatible with the new **HVO and XTL alternative fuels** with no impact on infrastructure where available.
- + **Full-Hybrid** is also an option for significantly reducing fuel consumption and CO₂ emissions. The “Arrive & Go” function provides 100% electric drive, switching off the engine in the vicinity of the bus station, so that the vehicle is emission-free around the station.
- + **Full Electric** drive is also available in the form of In-Motion-Charging, the modernised trolleybus which benefits from batteries to operate without overhead lines.



BIO CNG



CNG



HI-SCR



HYBRID



ELECTRIC

LENGTH (m)	CURSOR 8 CNG		TECTOR 7 DIESEL	CURSOR 9 DIESEL			HYBRID DIESEL / ELECTRIC	ELECTRIC
	290 hp - 213 kW	330 hp - 243 kW	286 hp - 210 kW	310 hp - 228 kW	360 hp - 265 kW	400 hp - 294 kW	ARRIVE & GO	IN-MOTION-CHARGING
10.5	■	■	■					
12	■	■	■	■	■		■	
18		■			■	■	■	■

SMART CONNECTIVITY AND SERVICES TAILOR-MADE FOR PUBLIC TRANSPORT

TAKE CONTROL OF YOUR FLEET

To ensure its customers get the best, IVECO BUS has developed several tailor-made instruments to keep vehicles running smoothly.

The Urbanway range is labelled ITxPT, a quality seal that guarantees **interoperability between equipment, software and services**. Thanks to a standardised IT architecture for all public transport stakeholders, equipment integration is simplified to the maximum and enables gradual updates and extensions of system functionalities.

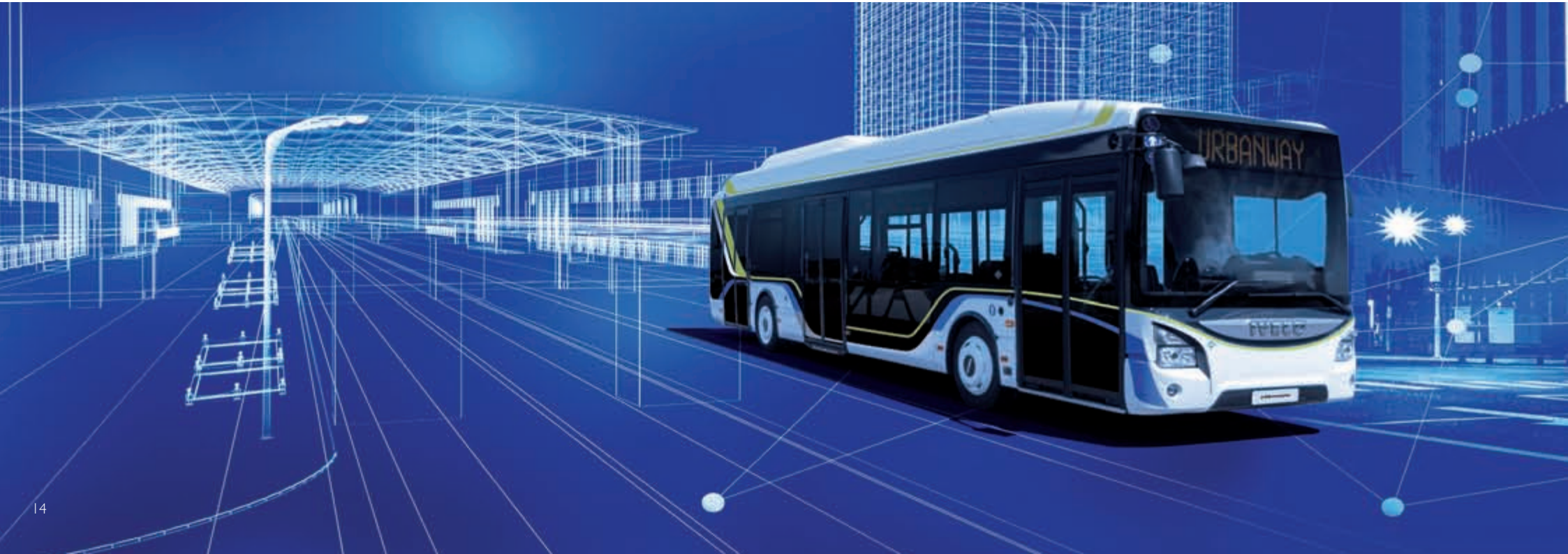
Our Intellibus service is the essential ally for your fleet. This service is a turnkey tool for **real-time data collection** with online storage, significantly benefiting your daily maintenance and operations. With Intellibus, Urbanway is ready to embrace the **next connectivity challenges**.

MEMBER OF



www.itxpt.org

IVECO BUS is one of the founding members of the ITxPT association that today includes more than 100 Public Transport players, from Authorities and Operators to suppliers and OEMs.



ELEMENTS is a high-quality personalised service aimed at guaranteeing a long life for every vehicle. Create your **personalised offer** by combining the "elements" that best meet your needs and choose your contracts from planned maintenance.

This service is part of our constant objective to improve customer fleet total cost of ownership while reducing our impact on the planet.





Your partner for sustainable transport