

Press release

Irisbus Iveco announces a new hybrid Citelis in 2010

Irisbus is adding a hybrid series model to its Citelis city bus range, which is a leader in the European market.

Over the past 15 years, Irisbus Iveco has produced 120 hybrid buses; mainly for their EuroPolis and CityClass ranges, as well as several dozen battery and fuel cell vehicles. Over 600 trolleybuses are also in circulation under the names of Citelis (in several Central European countries), Cristalis and Cavis (with Siemens optical guidance system) which are in service in France, Italy and Spain.

In the context of its new-generation hybrid buses, Irisbus Iveco has signed an agreement with BAE Systems for the supply of components for the power chain. With a fleet of over 3000 buses in North America and Europe, the two partners have significant experience of electric and hybrid tractions. In total, these vehicles transport over two million passengers daily; they have already covered close to 400 million service kilometres.

The skills and expertise developed by the two companies will enable them to offer a range of 12 and 18-meter hybrid buses developed from the Citelis range, equipped with an efficient and reliable hybrid power integrating a generator fed by a downsized Iveco Tector 6 EEV cylinder engine, and enabling the Stop & Start function. The electric traction engine, run on latest generation lithium-ion batteries, also enables energy recovery during braking.

This system means that fuel consumption and CO₂ (carbon dioxide) emissions are reduced by up to 30%, as well as a 50% reduction in NO_x (nitrogen oxide) emissions.

Irisbus Iveco is now in a position to meet European tenders for hybrid buses and to deliver at the end of 2010/ early 2011.

Photo caption: Explanatory diagram of the Hybrid Citelis

Lyon, November 25th 2009

Iveco

Iveco designs, manufactures, and markets a broad range of light, medium and heavy commercial vehicles, off-road trucks as well as special vehicles for applications such as fire fighting, off-road missions, defence and civil protection and, under the Irisbus brand, a wide range of city and intercity buses and coaches.

Iveco employs over 27,000 people and runs 27 production units in 16 Countries in the world using excellent technologies developed in 6 research centres. Besides Europe, the company operates in China, Russia, Australia and Latin America.

More than 6,000 service outlets in over 100 Countries guarantee technical support wherever in the world an Iveco vehicle is at work.

Irisbus Iveco

Irisbus Iveco regroups all of the development, manufacture and sales of coaches and buses within the Iveco Group.

In 2008, Irisbus Iveco achieved a turnover of 1192 million euros corresponding to the sale of 9475 vehicles (3353 coaches, 3178 minibuses and derivatives, 2053 buses and 891 chassis). In an extended (27-country) Europe, with 8585 units delivered, Irisbus Iveco has recorded a market share of 18.9%, comfortably retaining its number 2 spot in the European market, with a leading position in France, Italy and the Czech Republic.

The vehicles are produced in the group's five factories in France, Italy, Czech Republic and Spain.

A major actor on a European scale, Irisbus Iveco relies on a vast range offering a multitude of choices to transport authorities and public transport operators:

- low-floor **Citelis** midibuses, standard and articulated buses with diesel Euro 5/EEV and CNG engines, available in Rapid-Transit Range **Crealis***
- **Cristalis** and **Civis** (with optical guidance system) trolleybuses*
- **Crossway LE** (Low Entry) bus.*

Irisbus Iveco continues its research and development with the aim of making public transport more attractive.

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