

PRESS RELEASE
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Providing a new mode of eco-mobility in Paris Ile-de-France: Transdev puts the first hybrid bus into service

Transdev Espaces has become the first public transport operator in Paris Ile-de-France to take delivery of a hybrid bus and put it into service. Transdev has just supplemented the fleet of its Transdev Espaces network with a particularly innovative hybrid articulated bus: the Urbino 18 Solaris, which meets the Euro 5 standard for emissions of pollutants produced by diesel and petrol vehicles.

Transdev's initiative, developed **under the direction of the STIF** (the Ile-de-France public transport executive), has been introduced in response to the request made by **Mr. Franck Riester MP, Mayor of Coulommiers**. The Solaris hybrid articulated bus will be presented at an **official ceremony at 6:00 p.m. on 11th June 2009**.

Following a test phase by Transdev Espaces, the arrival of this first green vehicle in the Ile-de-France forms the start of a much larger project being carried out in close collaboration with the STIF and local authorities concerned with the use of this kind of vehicle on the main routes in the outer suburbs of the city.

The Ile-de-France will subsequently be taking delivery of the BHNS (Bus à Haut Niveau de Service) High Level of Service **Evobus** which is expected to come into service on the Meaux network in the second half of 2009. Three Urbino 12 hybrid Solaris buses, built for Transdev, will be delivered to the town of Coulommiers in the early half of 2010.

Saving energy and reducing the impact of vehicles on the environment are priorities for Transdev. This year sees the Group leading the way in experimenting with hybrid buses in Europe in terms of the number of sites involved (London, southern Netherlands, Strasbourg), with the involvement of some very committed cities such as London, which has set a goal of a 100 percent hybrid bus fleet in 2012 – the year of the Olympic Games.

Having already developed a fleet of gas vehicles (70 vehicles operating in the Ile-de-France), Transdev is entering a new phase of diversification as regards energy sources for its vehicles. This hybrid vehicle, like the new articulated vehicle made by Evobus, of which Transdev has also just taken delivery, also foreshadows further changes in rolling stock that will come into operation on BHNS routes in the future.

In the context of discussions with STIF, work has also been carried out with the various manufacturers and, in particular, with Solaris, in order to provide equipment compatible with the new features of the proposed services.

The BHNS will provide the Greater Paris public transport system with a new transport product and urban development projects within the whole region. Its full effect will be achieved by combining the following criteria:

- a high level of performance (travel time, frequency),
- accessibility for all,
- fully equipped and designated stations providing a proper service,
- dedicated environmentally friendly vehicles,

- a strong visual identity,
- innovations for the benefit of the users.

The Group is putting innovative buses into operation, most notably the hybrid, which combines the use of two sources of energy, one traditional, using normal fuel, and another secondary, providing flexibility and making use of regenerative braking and dispensing with a reliance on the primary source of energy in particular situations. The energy which is stored and reused by the bus reduces fuel consumption and hence emissions, by means of the operation, for example, of the Urbino 18 Solaris:

- A general reduction in CO² emissions
- 39% reduction in NO² (nitrogen dioxide) emissions
- 50% reduction in the NO_x (oxides of nitrogen) emissions
- 97% reduction in the emission of solid particles
- 90% reduction in the emission of CO
- 90% reduction in the emission of CO hydrocarbon compounds

With the construction of a first HQE Technical Centre in Marne la Vallée, the setting up of a training programme for staff in green modes of transport, and the introduction of new environmentally friendly vehicles, Transdev is showing its full commitment to addressing the issue of sustainable development.

"Protecting our environment by reducing emissions and promoting new modes of mobility adapted to Paris's transport needs are two major challenges for a group such as Transdev, an operator of public passenger transport which is placing Sustainable Development at the heart of its enterprise project Vision 2012. In this context, it is innovative mobility services such as the BHNS which are encouraging a new "eco-mobility in Paris Ile-de-France," said Bernard Stumpf, Ile-de-France Director of the Transdev Group.

About the Transdev Group

- Transdev, subsidiary of Caisse des Dépôts, is the 4th largest private operator of public transport in Europe.
- With 12 tramway networks (Grenoble, Madrid, Melbourne, Montpellier, Mulhouse, Nantes, Nottingham, Orléans, Strasbourg, Tenerife, Utrecht and Valenciennes), 2 networks under construction (Edinburgh, Reims), and 2 metros in operation (Porto, Genoa), Transdev is a world leader on this market.
- Present in 10 countries, in Europe and in Canada and Australia, Transdev provides transport to more than 2 billion passengers a year.
- The Group manages a fleet of over 20,000 vehicles, including 15,000 coaches and buses, 1,000 tramways, 90 metro units, 30 trains, 70 trolleys, 40 river shuttles and 4,000 demand-responsive vehicles, a market on which Transdev is the European leader.
- Transdev employs over 46,000 people and managed a turnover of 3.3 billion euros in 2008.

Transdev Espaces in brief

A major player in public transport in the east of Paris, the Espaces Group joined the Transdev Group in 2008. It managed a turnover of 65 million Euros in 2007. Transdev Espaces employs 900 people and operates a fleet of over 500 vehicles.