

## METTIS, bus with high level of service of Metz

by Stéphane ROSSANO / 2017-05-31 15:19:13 / Frankreich / 10242 / FR



**Year of commitment** : 2013

**Sustainable mobility** : Tramway, Bus, Soft modes of transport



**230 000 000 €**

**Builder**

Van Hool

### GENERAL INFORMATION

The 2 meter high-level METTIS service lines enable the inhabitants to grasp public transport in a new light thanks to the use of vehicles in the new format and design (bi- Hinged 24-meter hybrid technology). Completed by a redesign of the lines, the establishment of on-demand transport services, the creation of 3 relay car parks and the launch of a contactless interoperable ticketing system with the major Transport Authorities of Lorraine, Public transport of Metz Métropole has completely reinvented itself in less than 5 years.

### Progress Status

Delivered

## Data Reliability

Self-declared

## Funding Type

Public

## Website Enterprise / Infrastructure

<http://www.metzmetropole.fr>

## Sustainable Development

### Attractiveness :

36,000 trips/day -> An increase of more than 40% in the number of trips per day

### Well Being :

27 bi-articulated vehicles 24 m long, very manoeuvrable thanks to two directional axles (front and rear), integral low floor and access pallet for a perfect accessibility in station to the people with reduced mobility. Access on board by four large double sliding doors that allow a rapid rise and fall, wide bay windows favoring a direct link with the city.

### Social Cohesion :

- Perfect accessibility on the 37 stations (every 500m).
- A project whose social clauses of the markets will have enabled 1200 people in insertion to carry out an activity for a total of 85451 hours.
- Social tariffing of transport tickets

### Preservation / Environmental Improvement :

17.84 km of own site. An urban development from "façade to façade" along the route. Promotion of public transport for an alternative to the car Hybrid motorization (desulphurised diesel and electricity).

### Responsible use of resources :

Saving 288,000 liters of diesel / year

## Governance

Metz metropolis

**Holder Type :** Regional Authority

Van Hool

**Builder Type :** Carrier / Transporter

## Sustainable Solutions

High-level service buses

### Description :

The MET buses come from a unique combination of motorization (the METTIS vehicle is equipped with a hybrid engine, diesel / electricity); The design (like that of a tram) and dimensions (a vehicle is capable of accommodating 155 passengers, it has 40 seats and all the comforts one would expect from a modern means of transport. 27 METTIS bi-articulated 24-meter vehicles are equipped with three boxes and 4 axles, two directional, METTIS offers a great maneuverability, a limited turning radius and ensures a better comfort to the travelers than traditional articulated vehicles because the Effects of the rear overhang are reduced.)

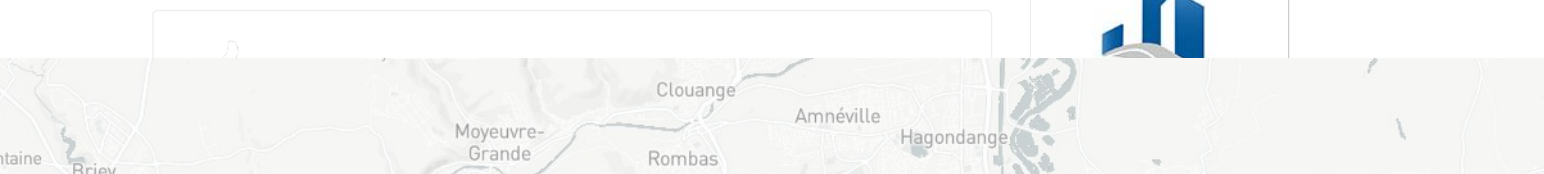
- Mobility :

**Company (es) Website :**



## Contest

## Building candidate in the category





Coup de Cœur des Internautes



Grand Prix Infrastructure Durable

