

## **Document 1:**

### **Driverless bus pilot hopes to revolutionise mass transport in Europe**

Euronews, 2016

The city of Trikala, in central Greece, is the first in Europe to host a driverless bus in the city center.

The idea is not to replace ordinary buses but to offer a mixed transport service, with improved transport in areas of low or dispersed demand.

- 5 The buses, which are built by French manufacturer Robosoft, are 5 meters long and 1.5 meters wide and can carry up to 10 people.

The vehicles are equipped with an advanced GPS and a laser mapping system for localization and movement control. Laser and ultrasound technologies are used to detect obstacles.

Each bus is powered by twelve batteries, which need around two hours to charge.

- 10 “It runs on an electric motor. The position is provided by laser-guided GPS. We have mapped the city and the bus follows the planned route centimeter by centimeter. If it meets an obstacle along the way, it is equipped with a laser security system that makes it either slow down or stop altogether,” says head technician on the project, Vasilis Karavidas.

- 15 Local authorities have launched a public awareness campaign to inform prospective passengers and motorists, even though some chose to ignore the directives and use the specially equipped bus lane anyway.

In the control room, everything is recorded. In the event of a problem, traffic police are called in or an authorised driver is sent to move the bus.

## Document 2:

