

R I D E 2 A U T O N O M Y

Pilot Project for an autonomous electric Shuttle for intermodal Commuting



Reggio Emilia e Modena, September 2021
- In the heart of the Motor Valley, during the **European Mobility Week in Reggio Emilia** (16-22 Settembre) verrà presentato al pubblico the **Pilot Project “Ride To Autonomy”** will be presented to the public. The goal is to test for a period of about 2 months a mobility service oriented to urban intermodal commuting on public roads with the “**Olli**” vehicle, an 8-seater self-driving shuttle built by the Americans of **Local Motors**, along the route that connects two suggestive landmarks: the **Mediopadana high-speed train station** built by the architect Santiago Calatrava and the **Campus Max Mara** designed by John McAslan.

Olli is equipped with sensors, capable of intercepting pedestrians and obstacles around the vehicle, radar systems, an optical video camera and two GPS antennas. It weighs 20 quintals, has a load capacity of up to 907 kilos and a frame entirely 3D printed with composite polymers and aluminum.

The Pilot Project was born in the context of the European Work Program 2020 “Communications Networks, Content and Technology” and sees the **Enzo Ferrari Engineering Department** of the **University of Modena and Reggio Emilia** as the only Italian partner of the European consortium which has benefited from funding, with the participation of the **Municipality of Reggio Emilia, Local Motors, Max Mara Fashion Group, Reale Group and Unindustria**.

The research results will contribute to the development of smart and green mobility solutions, enabled by new information technologies for an intermodal, autonomous, inclusive and sustainable transport model.

Ride 2 Autonomy will be presented during the European Mobility Week

Reggio Emilia, Tuesday 21 September:

Round Table, from 6.00 p.m. to 7.00 p.m. in the Sala Rossa of the City Hall

Exhibition of the vehicle, from 4:00 p.m. to 8:00 p.m., in Piazza Prampolini

To participate in the initiative, you must book at <https://bit.ly/3DXehWj>. The initiative is free and access is allowed, in compliance with current Covid-19 legislation, with a Green Certificate (Green Pass).