

Gozo - Malta

On-demand Automated Mini-Bus Services



Code: GM-UC01

Brief: A pilot on-demand autonomous e-bus service to test zero-emission mobility, user acceptance, and integration with local transport systems.



Key Urban Challenges Addressed:

- **High car dependency and congestion** in Malta.
- **Very low public transport use** and inefficient routes.
- Transport dominated by **petrol/diesel vehicles**.

Goals & Anticipated Benefits:

- **Pilot autonomous e-bus services** in Malta and Gozo.
- **Assess public awareness, acceptance, and safety perceptions.**
- **Evaluate technical and operational feasibility.**

Ownership:

- **MPT** will be responsible for implementation and deployment of the autonomous bus.
- **MTIP & TM** will provide assistance.

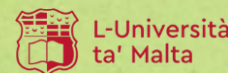
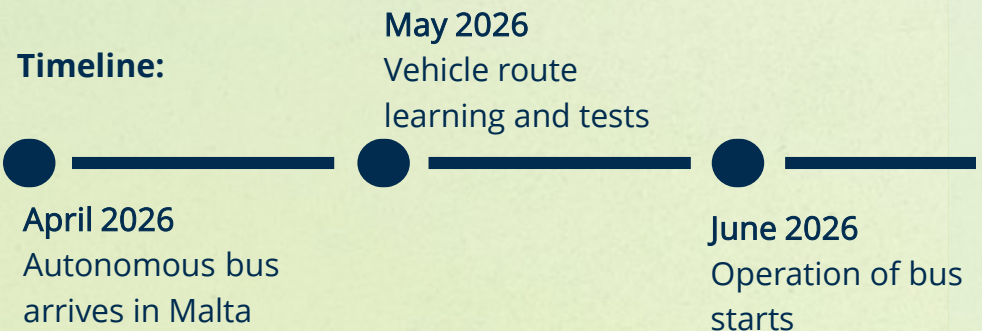
Infrastructure:

- **One autonomous electric bus** using existing bus stops.
- **Mobile network (3G/4G/5G) and GNSS connectivity**
- **Existing control centre and infrastructure**.
- **Integration with Tallinja app** for on-demand booking.

Location:

The solution will be implemented in Gozo and Malta, connecting Għarb (Ta' Dbiegi Crafts Village) with San Lawrenz through the village centre to provide last-mile mobility for residents and tourists.

It will also be demonstrated in Kalkara, Malta, connecting the Science Centre and a shopping mall, residential area and offices.



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