

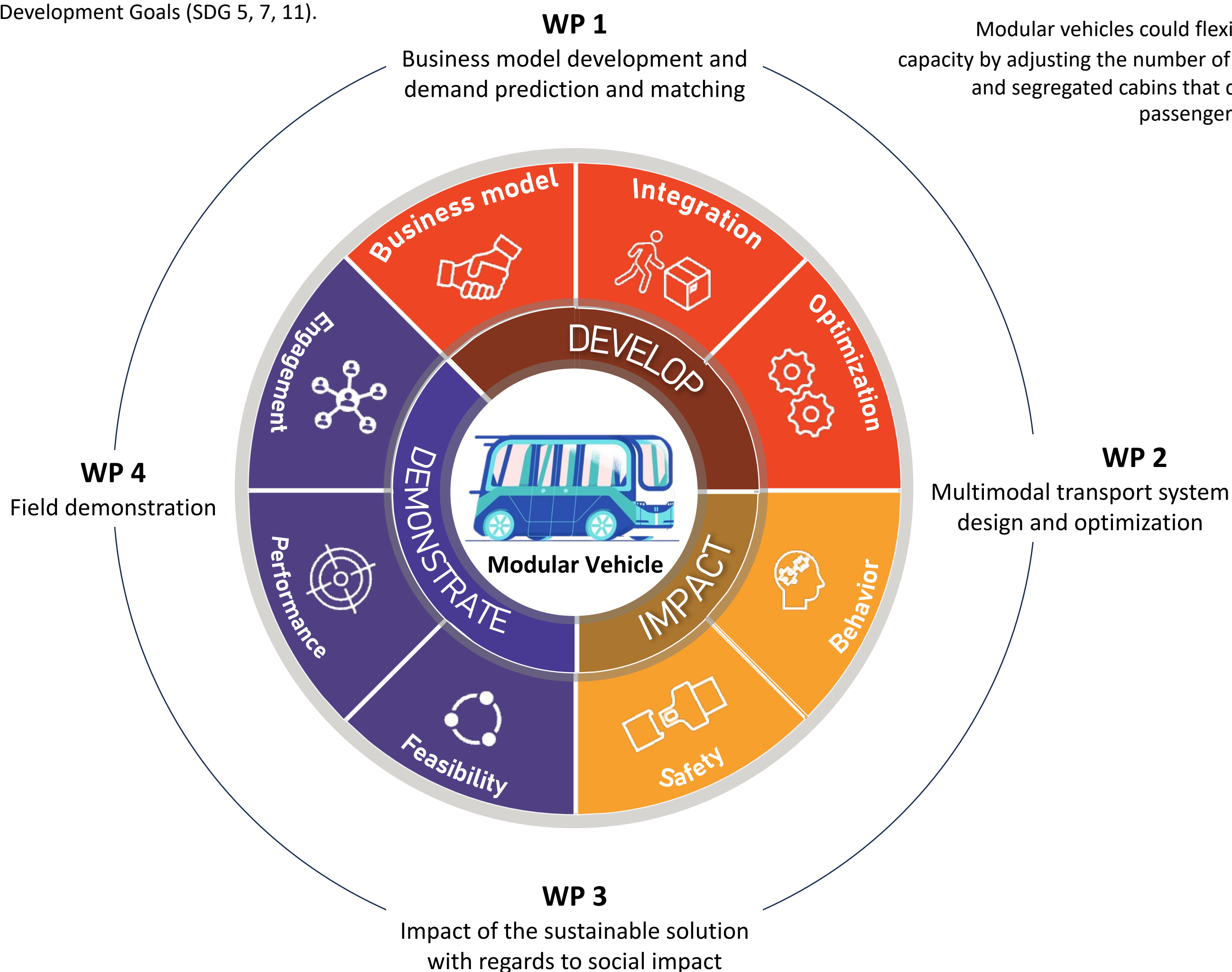
Combined passenger and goods transportation in suburb traffic

Living in city outskirts and suburb areas nowadays highly relies on private vehicles for commuting and getting everyday supplies. Due to low demand density, conventional public transport and delivery cannot provide high levels of service as they do in urban areas. Overcoming these challenges is crucial to transform the 15-minute city concept from a vision into a practical reality. To this end, this project proposes and demonstrates a novel system for integrated passenger and goods transport, consisting of flexible public transport with **modular vehicles** and last-mile travel/delivery service with **active micro-mobility**.

Sustainable Development Goals (SDG 5, 7, 11).

Key concept

Modular vehicles could flexibly change capacity by adjusting the number of connected and segregated cabins that carry either passengers or goods.



In this project, the objectives are to:

- propose a multimodal, active, and shared mobility service that is fully compatible with existing infrastructure;
- integrate and match passengers and goods demands to best utilize transportation resources;
- assess the level of user acceptance, behaviour change, accessibility, economic and environmental sustainability, and other social impacts of the new system;
- engage all user groups and stakeholders to prove and demonstrate the concept with a pilot project.

Project website

