ROM_03 'New mobility services in multimodal interchange nodes'

Objectives of the measure

- **At measure level:**
  - Increasing PT efficiency through integration and operational coordination among PT operators
  - Increasing accessibility to PT,
  - Increasing PT share

- **Contributing to city level objectives of:**
  - These infrastructures are aimed at improving the modal shift in favour of PT, especially for commuters coming from the metropolitan and sub-urban area.
  - Reduce the number of vehicles circulating through the city.
  - Reducing traffic congestion.
  - Reducing emissions.
  - And finally reducing time spent in the connections between modes.
  - Improving the sustainable and public transport offer in the multimodal interchange modes.

Description of the measure

- **Situation before**:

The city of Rome and its metropolitan area are served by a rail and metro infrastructure that distributes the high-capacity transport commuters to the rest of the PT network, in addition a regional bus service connects the main PT nodes with the surrounding area. The infrastructure needs to be upgraded and made more accessible, both in terms of parking space and in the efficiency of the inter-modality

- **General description:**

Rome is committed to developing projects to support Sustainable Mobility. The ambition is to include actions in all the pillars identified in the **SUMP**. Amongst these pillars this measure will support:

Enhancing intermodality aiming to shifting part of the users firstly from the private transport system to LPT, and secondly users of public transport suburban and local services, from road to rail. (These objectives will be achieved thanks to PT schedule coordination, integration of information, fares and ticketing systems, services at nodes, including innovative ones.

- **Sub-measures description:**
  - **ROM_03_01:** Add or expand park and rides making them more efficient accessible and sustainable.
  - **ROM_03_02:** Improve multi-modality offer near park and ride, increasing accessibility and inclusion in the MaaS ecosystem.

- **Measure outputs:**

This measure will deliver:
- 2 new parking & ride along the metro B1 line (Annibaliano, Conca d'oro)
- 1 P&R on the Metro Line A (Anagnina)
- 1 P&R on the suburban railway line linking the city with the main airport (Villa Bonelli)

- **Supporting activities**:

This measure expects interaction with the PT operator (ATAC) the railway operator (RFI), the Regional Bus operator (Cotral).

- **Interaction with other city measures: UPPER and non-UPPER measures**

This measure is related to other measures in the city Rome aimed at increasing the share of citizens using PT and raising awareness on other ways to move in the city.

- **ROM_01:** Reducing private vehicles by implementing a "pollution charge" scheme in the core part of Rome Zone 2 (VAM)
- **ROM_02**: Promoting modal shift towards PT with the implementation of a LEZ in Rome Zone 3 (Green Area)
- **ROM_04**: To design the new high frequency and high-capacity PT infrastructure.
- **ROM_06:** Innovative features into the MDMS system according to the mobility patterns and needs of users' groups
- **ROM_08**: (Re)Designing the urban space to promote active travel modes, PT and environmental "30 zones"

Target groups and/or geographical impact areas

- **Target groups:**
  - Commuters
  - Sharing operators
  - PT operators
  - Railway operator
  - Logistic operators

- **Geographic impact area:** Municipal area

Stakeholders

The following stakeholders will be required for the implementation of this measure.

- **Rome Mobility Department and the Infrastructures Department (SIMU):** supervising the compliance with the works expected in the plans
- **Rome Mobility Agency:** (direction of works, modelling, surveying and designing PT lines, in cooperation with the mobility operators)
- **ATAC**: Local PTO
- **RFI**: Railway infrastructures manager

- **ASTRAL:** regional company managing 3 suburban railways
- **Micro-mobility and sharing operators**: to be involved in the last mile trip
- **Utilities**
- **Lazio Region:** sponsoring the infrastructures through the ROP
- **Rome Metropolitan Area**

U-tools support

The implementation of this measure can be supported by three IT tools from the UPPER toolkit:

- **U-NEED** to test a new tool to understand how people move in the city and enhance multi-modality.
- **U-SUMP** can support the monitoring of the measure effect on the SUMP.
- **U-GOV** to support the participatory process with stakeholders

Link to other UPPER measures

This measure is similar to UPPER measures implemented in other cities, especially:

- **VAL_02:** Creation of a network of multimodal hubs.
- **HAN_03:** Added-value services in multimodal nodes to integrate PT and active modes.
- **IDF_04:** Added-value services in multimodal nodes to integrate active modes with PT.
- **OSL_02:** Design multifunctional hubs to increase the accessibility to public transport and active modes in strategic areas outside the centre and city accesses.
- **MAN_07:** Create a network of mobility hubs in cooperation with the regional transport association, open for multi mobility providers.
- **TES_01:** Optimum transfers on P&R areas based on real-time data.

Process of implementation of the measure

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Stages	Description	Intermediate milestones
Design	Identification of the areas, definition of the financing	- Participatory process with stakeholders
Preparation	Definition of the requirements and of the contractors	- Follow-up with the works, dialogue with the stakeholders for the implementation of new services (sharing, electric recharge, information, ITS etc)
Implementation	Modelling, evaluation, and definition of the services supply	- Refinement of the design

Sub-measures and preliminary indicators

Measure	Sub-measure *(if applicable)*	Impact indicators
ROM_03	N/A	- Number of interchange nodes - Car park capacity - Motorcycle Park capacity - Bike Park capacity - Efficient exchanges (in terms of timing)