

Objectives of the measure

- **At measure level:**
 - Developing the PT supply
 - Increasing the Customer Satisfaction level on PT.
 - Maintaining an accessible local environment with development of tram lines
- **Contributing to city level objectives of:**
 - Favour the modal shift towards PT and improving the city landscape.

Description of the measure

- **Situation before:**

The objectives of this measure are in line with the provisions of the SUMP that indicates, among the others, the need to re-balance the modal share in favour of PT in Rome. The status of the infrastructures for PT needs an important upgrade, as highlighted in the design phase of the SUMP. In addition, the pandemic emergency has contributed to move more people away from collective transport modes.

- **General description:**

This measure refers to the SUMP objectives and investment expected in PT infrastructures for more than 9 billion euro within 10 years to support the extension and modernisation of the metro (+ 38,5 km and 27 new stations) and the tramway lines (+58 km).

The measure's activities will support the implementation of the new tramway lines and of the Metro lines extension. In this framework the measure will assess the scenarios before the new opening of new PT infrastructures and communicate the new PT services supply also during the works.

- **Sub-measures description:**

- **ROM_04_01:** New Tramway lines: preliminary design, participatory process, modelling, dialogue with the heritage protection department (Sovrintendenza Capitolina) and with the technical stakeholders, Environmental Impact Analysis (EIA), definition of the requirements for the tendering process (works and train procurement). In the case of TVA line supervision of the works. Managing the funding for the works. Interaction with the Jubilee works in Piazza dei cinquecento
- **ROM_04_02:** New metro stops: supervising works, dialogue with the relevant stakeholders. Managing the funding for the works.
- **ROM_04_03:** Vehicles procurement: 14 metro trains and 50 trams. Roma Capitale will follow the procurement process with the relevant stakeholders.

- **Measure outputs:**

This measure will deliver:

- Final/executive design for the 4 tramway lines and depot, implementation of a first tram line.
- Definition of the requirements for the tendering process (works and trains)
- 2 new metro stops and 14 new trains
- Implementation of the first leg of the TVA line (Termini Station-Piazza Argentina)
- Procurement of 50 new trams.
- Design of the extension of Metro line A
- Design and participation process of 7 new tramway lines (to be included in the future call for funding by the Transport Ministry)

- **Supporting activities:**

- Guaranteeing the deadlines for the RFF funding for the infrastructures are accomplished.
- Dialogue and cooperation with the Jubilee organisation to minimise the impacts of the works during the event in 2025.
- Incorporating two ancient Roman art museums in the new metro stops.
- Analysis of electromagnetic fields and tremors
- Implementing PT priority at traffic lights

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

This measure is related to other measures in the city of Rome aimed at shifting people from cars.

- **ROME_01:** Reducing private vehicles by implementing a “pollution charge” scheme in the core part of Rome Zone 2 (VAM)
- **ROME_02:** Promoting modal shift towards PT with the implementation of a LEZ in Rome Zone 3 (Green Area)

Target groups and/or geographical impact areas

- **Target groups:**

- Citizens
- Commuters
- Tourists

- **Geographic impact area:** The whole city, with a special focus on the central part.

Stakeholders

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

- **City of Rome, Mobility Department:** supervising the administrative steps to guarantee the procurement requirements for Rome are aligned.
- **Roma Metropolitana SpA:** involved in the planning and execution of works
- **ATAC:** PT Operator
- **City Boroughs:** involved in the participatory process
- **RFI (Rete Ferroviaria Italiana):** the railway infrastructures authority involved in the planning of the works close to the railway stations (Termini, Tiburtina)
- **Cultural heritage protection body (Sovrintendenza beni culturali):** managing the archaeological sites and discoveries.
- **Utilities (Energy, Water, etc):** need to coordinate the implementation activities.
- **Universities, research insitutions (ARPA Lazio, ENEA, La Sapienza etc):** support in the planning and in the evaluation of the impacts.
- **Invitalia:** National Central Contracting Authority and Contracting Station for the implementation of strategic interventions in the territory.
- **Contractors:** for the procurement of works and trains.
- **Ministry of Transport and Infrastructures:** supervising the funding and the execution of the projects.

U-tools support

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

- **U-GOV** can support the community engagement and the acceptance and knowledge of the new services.
- **U-SIM.plan** can support the existing modelling software to adapt the PT supply.

Link to other UPPER measures

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

- **VAL_04:** To reduce travel times through the implementation of dedicated bus lanes.
- **LIS_02:** Promote, extend services and prioritise PT.
- **LEU_07:** Increase the quality of the PT services through traffic management and dedicated lanes for PT

Process of implementation of the measure

Stages	Description	Intermediate milestones
Design	Definition of the needs, design of the lines. (trams)	- Participatory process (Conferenze dei servizi)
Preparation	Final design and procurement, with potential interaction with other networks (electricity, water, etc)	- EIA, launch of tenders
Implementation	Start of the works (TVA, Termini Tor Vergata Togliatti and Tiburtina). Communication activities	- Start of the works

Sub-measures and preliminary indicators

Measure	Sub-measure (if applicable)	Impact indicators
ROM_04	N/A	- Increase in the number of tramways lines - Increase in the number of km offered - Number of vet/km offered