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Ministero delle infrastrutture
e della mobilità sostenibili



Italian Recovery and Resilience Facility Plan

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Ministry of Sustainable Infrastructures and Mobility - MIMS

MIMS IS CENTRAL TO NRRP IMPLEMENTATION

With over **62 billion** MIMS plays a crucial role

Funding source	Total resources
Next Generation EU	40,701
React EU	0,313
Supplementary Fund	10,615
Budget Variance	10,350
Overall Total	61,979

Some projects will be carried out in collaboration with other Ministries: Ministry of Digital Innovation, Ministry for Economic Development, Ministry of Ecological Transition, Ministry of Culture, Department for the South and Social Cohesion.

AN INTEGRATED VISION

The projects under the responsibility of the Ministry of Sustainable Infrastructures and Mobility (MIMS) in the National Recovery and Resilience Plan (NRRP) are in line with:

The 2030 Agenda for Sustainable Development



The European Green Deal



The aims of the "Next Generation EU"



National strategic planning and sector planning

Other national and European resources



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MIMS IS CENTRAL TO NRRP IMPLEMENTATION

MIMS carries out projects and reforms on **6 strategic** objectives

1. sustainable development (NRRP missions)
2. ecological and digital transition
3. improve people's quality of life and reduce inequalities
4. accelerate the construction of infrastructure and increase the competitiveness of companies
5. generate an increase in income and employment
6. reduce the North-South gaps



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PROJECTS AND REFORMS

which account for **4 of the 6 NPRR missions**

Missions	Total resources (<i>Billion</i>)
Digitalization and innovation	0,493
Green revolution and ecological transition	15,814
Infrastructure for sustainable mobility	41,809
Inclusion and cohesion	3,863
Overall total	61,979

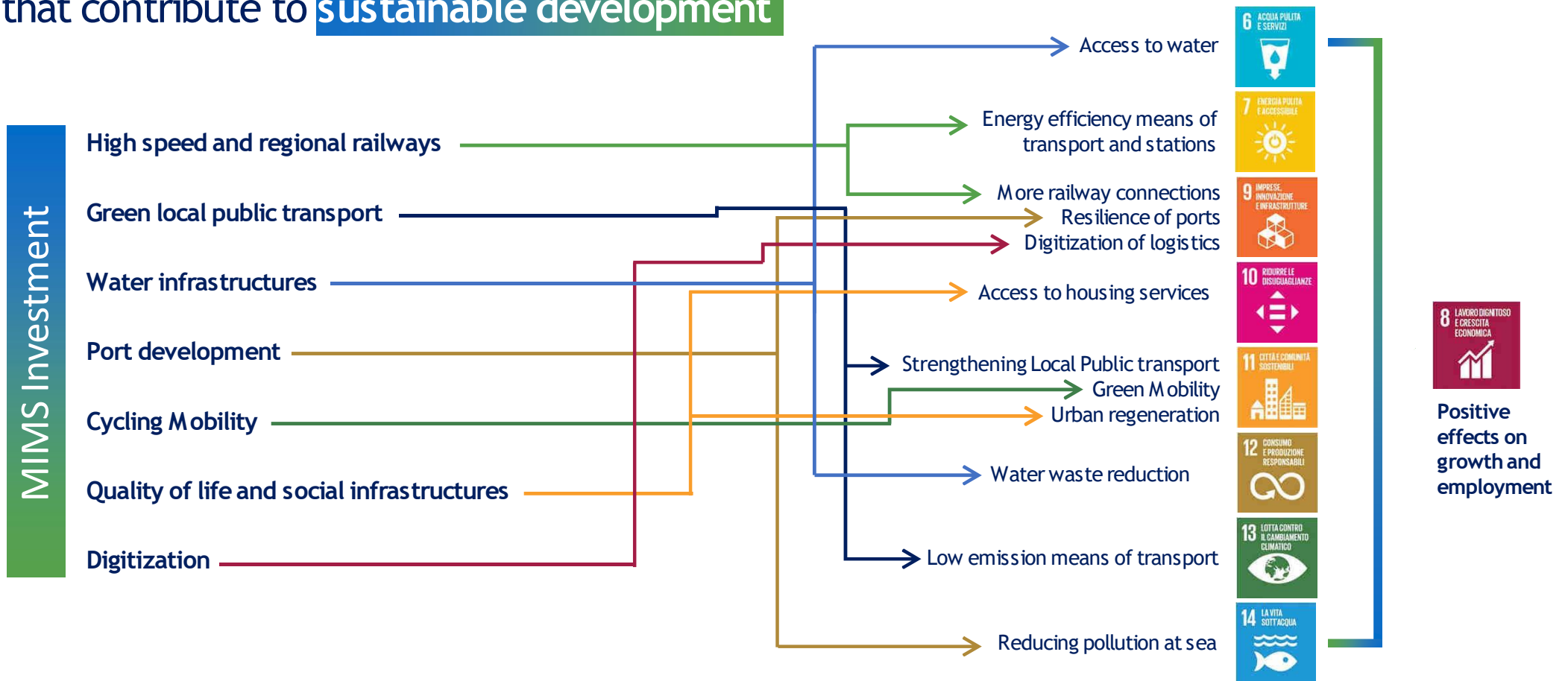


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ALL PROJECTS AND REFORMS

that contribute to **sustainable development**



PROJECTS AND REFORMS

that are essential for the **ecological and digital transition**

Iron option for modal shift: an estimated saving of 2.3 million tons of CO2 emissions per year

- High-speed development and regional lines (700 km)
- Rapid Mass Transport (RMT) in urban areas (216 km of new tramlines, metros, trolleybuses)
- Purchase of new trains

Renewal of electric and hydrogen bus fleet

- 3,200 electric/hydrogen buses in urban areas
- 2,000 methane buses for suburban transport

Hydrogen testing for un-electrified railways

- 50 hydrogen trains in the South and Val Camonica

Smooth mobility

- 1,800 km of tourist and urban cycle routes



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PROJECTS AND REFORMS

that improve **people's quality of life** and **reduce inequalities**

- Development of urban mobility
- Better connections for remote areas and Economic and industrial development of South

that accelerate the **construction of infrastructure** and increase **the competitiveness of companies**

- Speeding up and simplification of infrastructure investments
- Reduce costs and more competition
- Digitisation of logistics
- Ecological transition of the naval fleet



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EXTENSION OF HIGH-SPEED RAIL AND UPGRADING OF REGIONAL NETWORKS

(slide 1 / 2)

Development of high-speed and high-capacity lines **25 billion**

- Salerno - Reggio Calabria
11,2 billion
- Palermo - Catania - Messina
1,4 billion
- Roma - Pescara
0,6 billion
- Brescia - Vicenza - Padova
4,6 billion
- Napoli - Bari
1,4 billion
- Orte - Falconara
0,5 billion
- Liguria - Alpi
4,0 billion
- Verona - Brennero
0,9 billion
- Taranto - Battipaglia
0,4 billion



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EXTENSION OF HIGH-SPEED RAIL AND UPGRADING OF REGIONAL NETWORKS

(slide 2 / 2)

Upgrading of rail hubs serving urban areas and other routes **3 billion**

Station plan in the South **0,7 billion** for redevelopment and improvement of accessibility

Strengthening regional networks and electrification **5.45 billion**



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RENEWAL OF TRAINS, BUSES AND SHIPS TO REDUCE EMISSIONS

“Green” Local public transport and rapid mass transport **8.4 billion**

- **Renewal of the bus fleet** (including Full Electric in Milan, Rome and Naples)
3.0 billion
- **Rapid Mass Transport (RMT Development)**
3.6 billion
- **Renewal of Local Public Transport (LPT) trains**
0.6 billion
- **Renewal of intercity trains in the South**
0.2 billion
- **Renewal of locomotives, rolling stock and freight infrastructure**
0.2 billion
- **Renewal of LPT vessels in the Strait of Messina**
0.1 billion
- **Renewal of the fleet with low environmental impact ships**
0.7 billion



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INVESTMENT IN PORT DEVELOPMENT, LOGISTICS AND MARITIME TRANSPORT

- **Construction of the new port of Genoa breakwater**
0.5 billion
- **Modernization and development projects in the Port of Trieste**
0.38 billion
- **Electrification of docks at Ten-T ports (Cold Ironing National Plan)**
0.7 billion
- **Energy efficiency and waste management in ports (Green ports)**
0.3 billion
- **Increase in port capacity in the ports of Venice, La Spezia, Naples and Cagliari**
0.18 billion
- **Infrastructure for the ZES**
0.6 billion



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INVESTMENT IN PORT DEVELOPMENT, LOGISTICS AND MARITIME TRANSPORT

- **Last/penultimate railway and road mile in the ports of: Venice, Ancona, Civitavecchia, Naples, Salerno**
 - 0.07 billion
- **Energy and environmental efficiency in the ports of the Strait of Messina**
 - 0.05 billion
- **Restoration and renewal of infrastructure in the ports of: Venice, Naples, Marina di Carrara, Salerno, Manfredonia, Palermo and Catania**
 - 0.3 billion
- **Increase in maritime accessibility in the ports of: Vado Ligure, Ravenna, Civitavecchia, Naples, Salerno, Taranto, Brindisi and Trapani**
 - 0.6 billion
- **Sustainable mobility for small islands**
 - 0.04 billion



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DIGITIZATION INTERVENTIONS FOR BETTER LOGISTICS AND ROAD SAFETY

- **Digitization of Italy's logistics systems**
0.25 billion
- **Digitization of local public transport (Mobility as a service)**
0.04 billion
- **Development of the railway system and the European railway system ERTMS for speed increase, infrastructure capacity and security**
2.97 billion
- **Digital innovation of air traffic control systems**
0.11 billion
- **Technological monitoring of bridges, viaducts and road and motorway and road tunnels**
0.45 billion
- **Safety and technological monitoring interventions for A24 and A25**
1.0 billion



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INNOVATION for ECOLOGICAL TRANSITION

- **Electrical recharges**
0.7 billion
- **Hydrogen rail transport experimentation in Val Camonica, Salento and other networks**
0.3 billion
- ***Brenner Green Corridor***
0.1 billion
- ***Strengthening the green transport industry, its supply chains and smart mobility***
0.3 billion



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DEVELOPMENT OF PROVINCIAL ROADS FOR INLAND AREAS AND CYCLE PATHS FOR SMOOTH MOBILITY

- Provincial roads to connect inland areas with major transport routes
0.3 billion
- Urban cycle routes
0.2 billion
- Tourist cycle routes
0.4 billion
 - *VenTo Route cycle (Venezia-Torino)*
 - *Sole Route Cycle*
 - *Garda Route Cycle*
 - *TriLiVe Route Cycle Trieste-Lignano-Venezia*
 - *Adriatica Route Cycle*
 - *Tirrenica Route Cycle*
 - *GRAB Route Cycle (Bike Rome Ring Road)*
 - *Apulian Aqueduct Route Cycle*
 - *Magna Grecia Route Cycle*



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SYSTEM REFORMS: SIMPLIFICATION, COMPETITION AND EFFICIENCY

- **Railways:** accelerating the procedures to finalize the Program Contract between MIMS and the National Railways Network (RFI) and the authorization procedures
- **Ports:** improving the port planning, rules of State Property concessions
- **Logistics:** single window for import/export controls, interoperability of platforms for passengers and goods and electronic vehicle document
- **Local Public Transport:** accelerating the approval procedures for Local Public Transport (LPT) and Rapid Mass Transport (RMT)
- **Road Safety:** implementing the guide lines for bridges security and transfer of the property of bridges, viaducts and tunnels from the Local Authorities to the State
- **Water Resources:** strengthening of the governance for the water supply infrastructures



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Thanks for your attention!

For any further information or request please contact me:
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