Sustainable urban mobility in the Mediterranean
From planning to tangible solutions

La mobilité urbaine durable en Méditerranée
de la planification aux solutions tangibles

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Jordanian National Transport Growth Plan
Introduction

- It has been nationally recognized that strengthening the sustainability of Jordan’s transport sector is critical to achieving its climate change targets as well as its economic growth and social development objectives.
Introduction

**Jordanian Transportation system characteristics:**

- Jordan is considered a regional logistics hub with 62% of all cargo payload depending on road transport.

- It generates over 9% of its GDP and employs nearly 7.6% of the labor force.

- Demand is expected to grow by between 5% and 6% annually up to 2030.

- It contributes to 16% of the country’s total GHG emissions.

- There is increasing dependence on individual passenger vehicles at a rate of 5.3% per year.
Jordan National Green Growth Plan 2021-2025

It outlines five national green growth objectives on which the Transport Sector GG-NAP was developed:

- Enhance natural capital
- Sustainable economic growth
- Social development and poverty reduction
- Resource efficiency
- Climate change adaptation and mitigation
<table>
<thead>
<tr>
<th>Action Title</th>
<th>Total Estimated Implementation Cost (million USD)</th>
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<tbody>
<tr>
<td>Develop and/or update Transport and Mobility Action Plans and Capital Investment Plans for the secondary metropolitan areas of Mafraq, Zarqa, and Irbid</td>
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<td>Approve and Activate the National Public Transport Fund and identify mechanisms to raise capital for public transport infrastructure</td>
<td>51</td>
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<td>Implement transport sector governance enhancement program and reform agenda to increase the effectiveness and efficiency of the transport sector policymaking process</td>
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<td>Scale up the provision of public-school bus services in all municipalities (Scale-up Smart Move Project)</td>
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<td>Implement a pedestrian green infrastructure enhancement program in local commercial areas and near public transport</td>
<td>25</td>
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<td>Develop a public-private dialogue and roadmap for improving road transport services linked to the tourism sector</td>
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<tr>
<td>Action Title</td>
<td>Total Estimated Implementation Cost (million USD)</td>
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<tr>
<td>Support the deployment of Intelligent Transportation Systems (ITS) to allow</td>
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<td>a modal and fare integration of the public and private transport systems in</td>
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<td>the city of Amman</td>
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<td>Establish a national center of excellence and capacity building program for</td>
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<tr>
<td>sustainable transport</td>
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<td>Develop a joint public-private strategy and roadmap to improve the</td>
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<td>environmental sustainability of the logistics sector</td>
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<td>Develop and implement a public-private partnership for improved parking</td>
<td>11</td>
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<td>management in Amman</td>
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<tr>
<td>Develop a national electric mobility strategy and action plan</td>
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<td>Design and implement a public transport electric mobility pilot and capacity</td>
<td>5</td>
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<td>building program in Amman</td>
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<td>Establish low-carbon municipal bus fleets for Irbid, Zarqa and Madaba</td>
<td>22</td>
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<tr>
<td>municipalities</td>
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Assessing Green Growth in Jordan’s Transport Sector

Air pollution in Jordan has grown at an average annual growth rate of 7% from 2006 to 2017.
Jordanian Public Transport Sector

- **78%** of youth point to the lack of access to public transport as a top justification for not participating in the workforce
- **59%** of Amman’s area is currently unserved by public transit
- **37%** of the total population has low access to public transport services
National Transport Priorities

Long-term National Transport Strategy (LNTS) 2015-2030

- Completing the existing networks
- Making the best use of existing facilities
- Pursuing a multimodal approach
- Making the best of private participation in the transport sector
- Protecting the environment and reducing negative impacts
- Having citizens at the core of the transport policy
Implementation Arrangements

Those priorities have been included in the different national documents:

- Long-term National Transport Strategy and Action Plan
- National Road Safety Strategy
- Jordan Economic Growth Plan 2018 – 2022
- Transport and Trade Facilitation Strategy
- Energy Master Strategy
- Amman’s Transport and Mobility Master Plan
- Jordan Vision 2025
- Jordan Bus Restructuring Interim Master Plan Implementation (JBRIMP)
- National Energy Efficiency Action Plan
- NDC, Paris COP21
- The National Climate Change Policy of the Hashemite Kingdom of Jordan 201
Jordan’s Integrated Adoption of Electric Mobility
Jordan’s integrated adoption of electric mobility

Prepare and Facilitate Investment in a Demonstration or Pilot-scale E-mobility Project

- Make the case for e-mobility
- Build capacity in the e-mobility sector
- Set the stage for larger-scale projects (Low-carbon Energy Transition)
Projects Description

- Amman
- Irbid
- Aqaba
- Zarqa
- Petra
Amman BRT
Amman Vision Buses
Amman Zarqa BRT

Mahatta  Marka  Pepsi  Russaifa  Hashmieh  Zarqa
Irbid-Zarqa Municipal Buses
Aqaba Shuttle Buses
Petra E-Bus
Thank you!

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