



**Ministry of Transport**

# **Transport in Jordan**

## **Strategies, Challenges and Trends**

**UNECE Working Party on Transport Trends and Economics (WP.5)**

**September 9, 2014**

Palais des Nations

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# Jordan: Strategies, Challenges and Trends

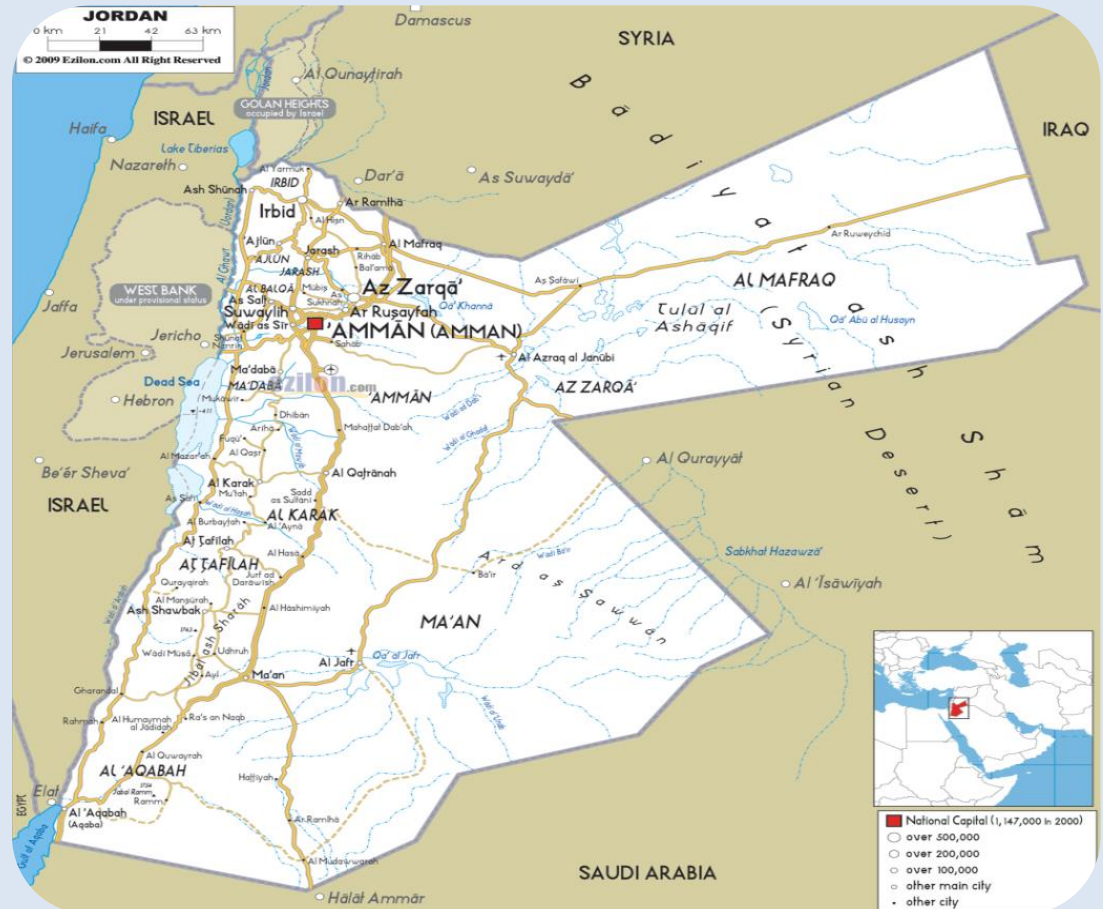
## Agenda

- The geographical key position of Jordan
- Facts & Figures
- Transport demands
- National Transport Strategy
- Main Challenges
- Trends
- Summary

# Jordan: Strategies, Challenges and Trends

Jordan is in the geographical key position serving transport mainly between

- KSA and Europe
- Iraq and Egypt
- Red Sea and the Mediterranean Sea



# Jordan: Strategies, Challenges and Trends

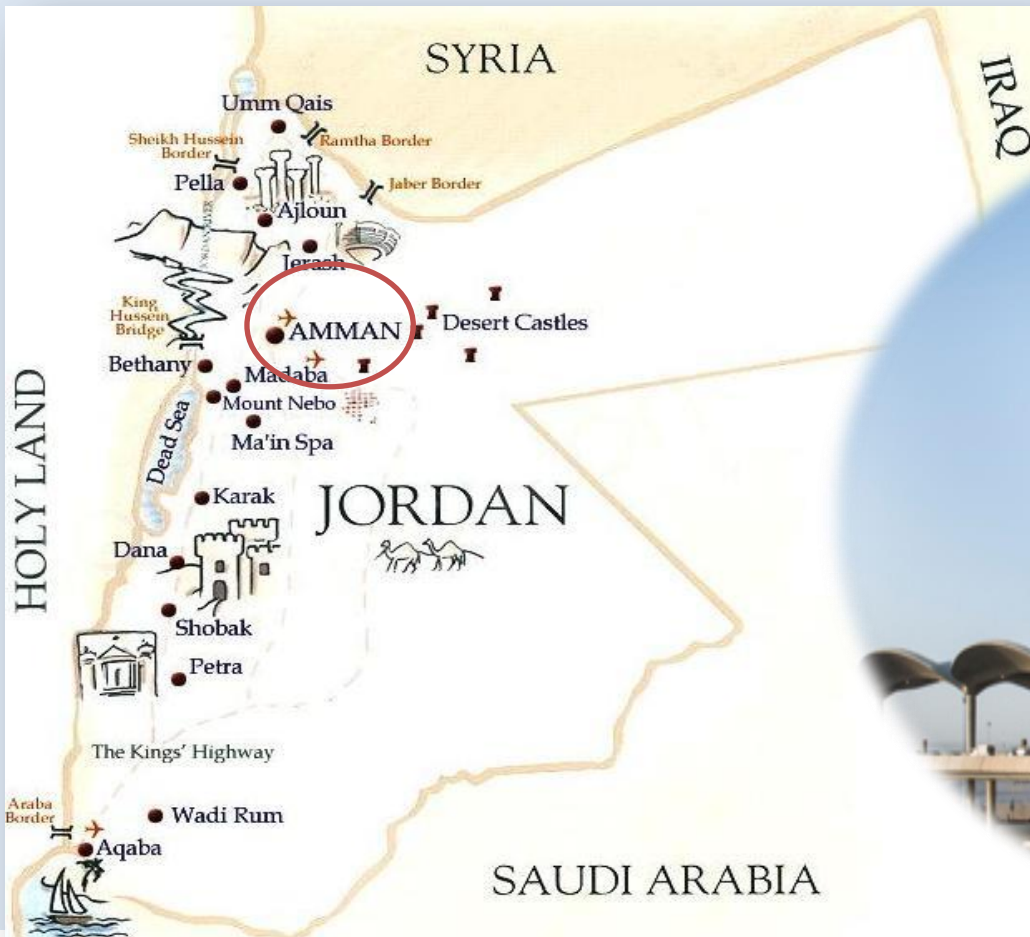
## Facts & Figures

- Nearly 7,000,000 inhabitants in 2013.
- High rate of urbanization (83%).
- 3,000,000 people in Greater Amman, projected to 6,500,000 in 2030.
- 7,900 km of roads of which 7,200 km paved.
- Transport demand growth estimates through 2030 foreseen average annual increases of five to six percent (faster than GDP growth).
- Transport sector contributes about 12% of GDP.
- Private vehicle ownership rose steadily at approx. 7 % annually (1,200,000 cars in 2013).



# Jordan: Strategies, Challenges and Trends

- Jordan is currently equipped with three airports, with **Queen Alia International Airport** by far the largest



# Jordan: Strategies, Challenges and Trends

- **Aqaba** is the unique port gateway of Jordan
- Aqaba port areas include three distinct areas:
  - (1) The Main Port located close to the city center of Aqaba
  - (2) The Container Port (1.5m TEU)
  - (3) The Industrial Port



# Jordan: Strategies, Challenges and Trends

- The total length of the **Jordanian Railway Network** in operation is 509 km and its composed of narrow gauge track (1050 mm gauge)



# Jordan: Strategies, Challenges and Trends

- **Transport in Jordan** is not only a vital sector for the Kingdom's economy but also relevant for the economical development of the whole Middle East region.
- During the last **10 years** Jordan has heavily invested in the transport sector:
  - ✓ *Expanding the Road Sector (1,700 km of new highways)*
  - ✓ *Improving Urban Mobility*
  - ✓ *Enhancing the logistic industry*
  - ✓ *Full opening of a new sea port in Aqaba in 2015*
  - ✓ *Opening of Queen Alia International Airport (freight and passenger) 2013*
  - ✓ *Planning and design of a National Railway Network*
  - ✓ *Jordan started – as the first country in the Middle East - a process of liberalization of the transport sector with the purpose of raising the performance, efficiency and enhancing competitiveness.*



# Jordan: Strategies, Challenges and Trends

## Transport Demands

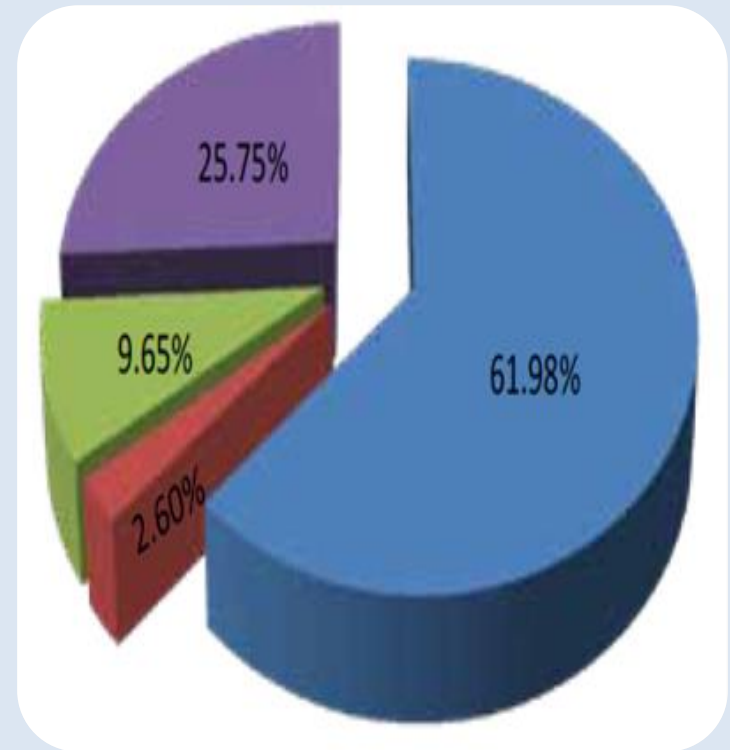
Cargo payload for land transport in Jordan

2013: 45,000,000 tons

2030: 80,000,000 tons

Jordan is dominated by  
**land transport**

- Land Transport
- Maritime Transport
- Aviation Transport
- Supporting & Auxiliary transport activities



# Jordan: Strategies, Challenges and Trends

Our newly launched **National Strategy** reflects the following criteria:

- *Regional: Jordan's cohesion and Integration in the Region.*
- *Interoperability: Neighboring countries and Europe.*
- *Technical: Efficiency and interconnectivity of national network.*
- *Social: Safety and social inclusion.*
- *Policy: Strategy objectives (e.g. National Railway Project).*
- *Economic: Financial restrictions.*
- *Environmental: Sustainability.*

# Jordan: Strategies, Challenges and Trends

## Main challenges:

- Improving Public Transport (BRT and tram services)
- Improving Safety
- Environmental protection
- The Jordan National Railway Project which has been labeled by UfM as a priority project (approx. 950 km, investment 1.9 Billion EUR)
  - Political
  - Financial
  - Implementation
  - Capacity building
- Technical harmonization to achieve intra- and intermodal interoperability

# Jordan: Strategies, Challenges and Trends

## Main challenges:

- Situation of Syrian refugees in Jordan (enormous financial and logistic efforts for the Kingdom)
- Low volume of trade to, from and across the Kingdom as a result of the international economic crises and the political unrest in the Middle East, which reflected on the national economy.
- Funding for the development in Jordanian Transport Sector:
  - Development of Infrastructure (Investment in new infrastructure, expansion of infrastructure and maintenance of existing infrastructure)
  - Optimization for operation of transport services (freight and passenger)

# Jordan: Strategies, Challenges and Trends

## Summary:

Jordan is on its way to implement a long term and demand driven multi modal transport system which will take into account road, rail, air and maritime.

## Our main projects:

- Extension of Queen Alia International Airport
- Shidiya link to connect the Phosphate mines with the New Port
- BRT from Amman to Al Zarqa and within Amman
- Tram from Amman to Queen Alia International Airport
- Pipeline from Iraq to Jordan (Gas and fuel)



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**Thank You**