

# **Regional Awareness Workshop on Main UN Road Transport Legal Instruments and on Intelligent Transport System (ITS)**

**Crown Plaza Hotel- Le Palace, Brussels, 4-5 July 2017**

**Economic and Social Commission for Western Asia**

## **ESCWA Coordination Role related to Road Transport**

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**ESCWA, EDID**



**UNITED NATIONS**

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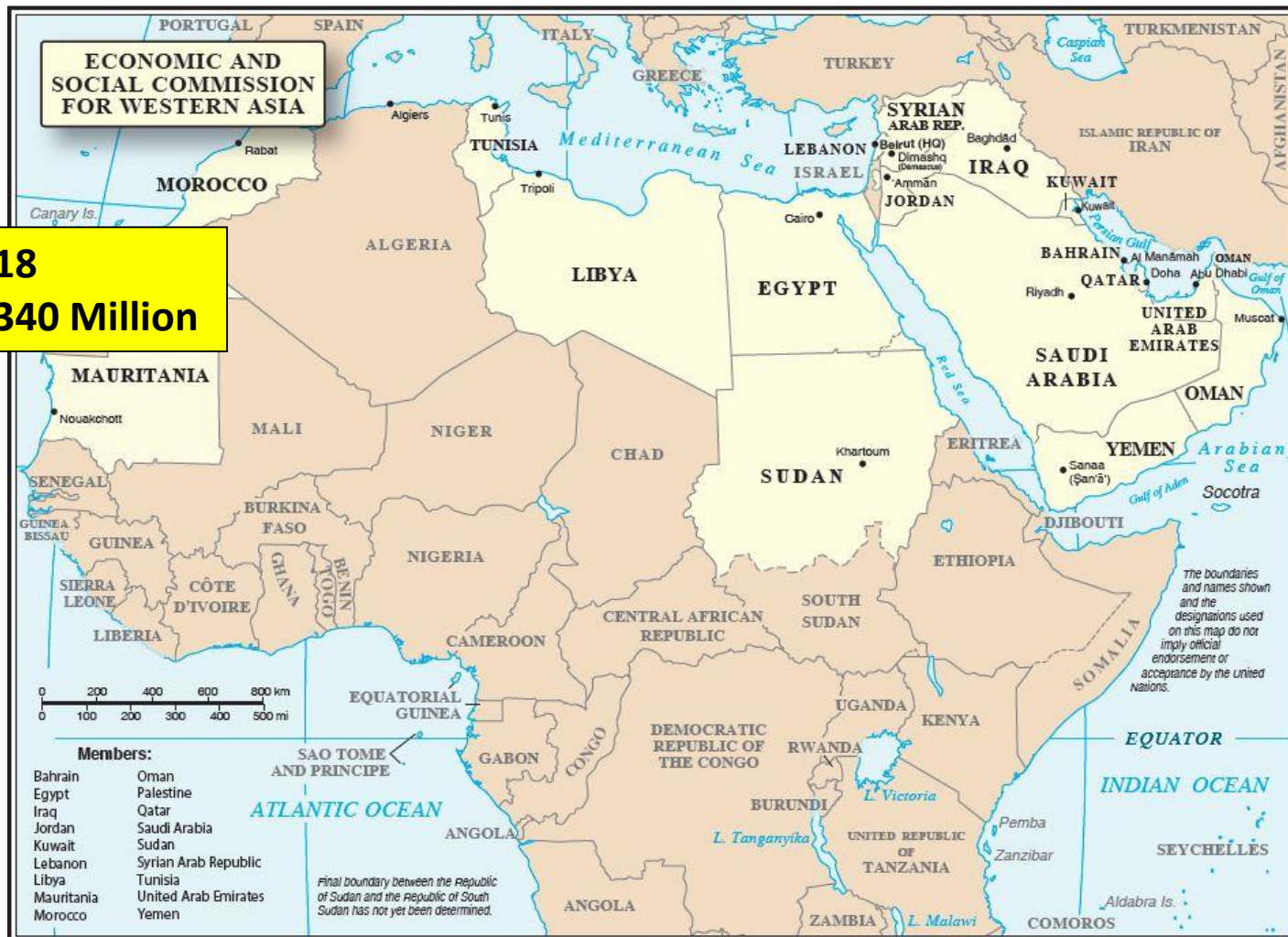
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# ESCWA Region

**Countries** 18  
**Population** 340 Million



## Comparisons: ESCWA, EU, World

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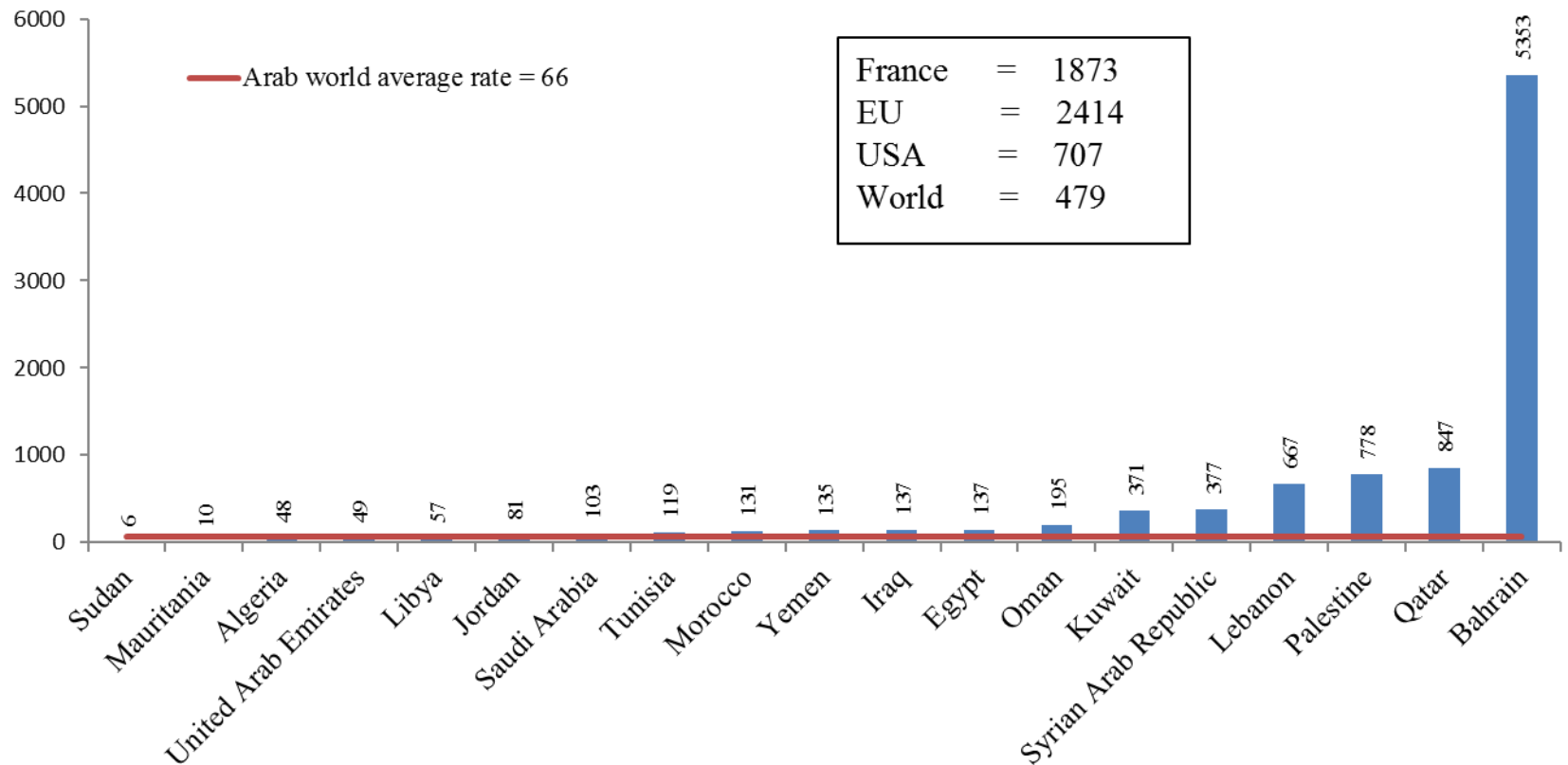
	ESCWA	EU	WORLD
Population (Millions)	340	510	7300
Area (Million Km2)	9	4	134
Roads (1000 Km)	863	10. 582	64. 285
Road Vehicles (Millions)	38	289	1200



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# Roads Density

## Public network coverage rate by area (Km/1000 Km2)



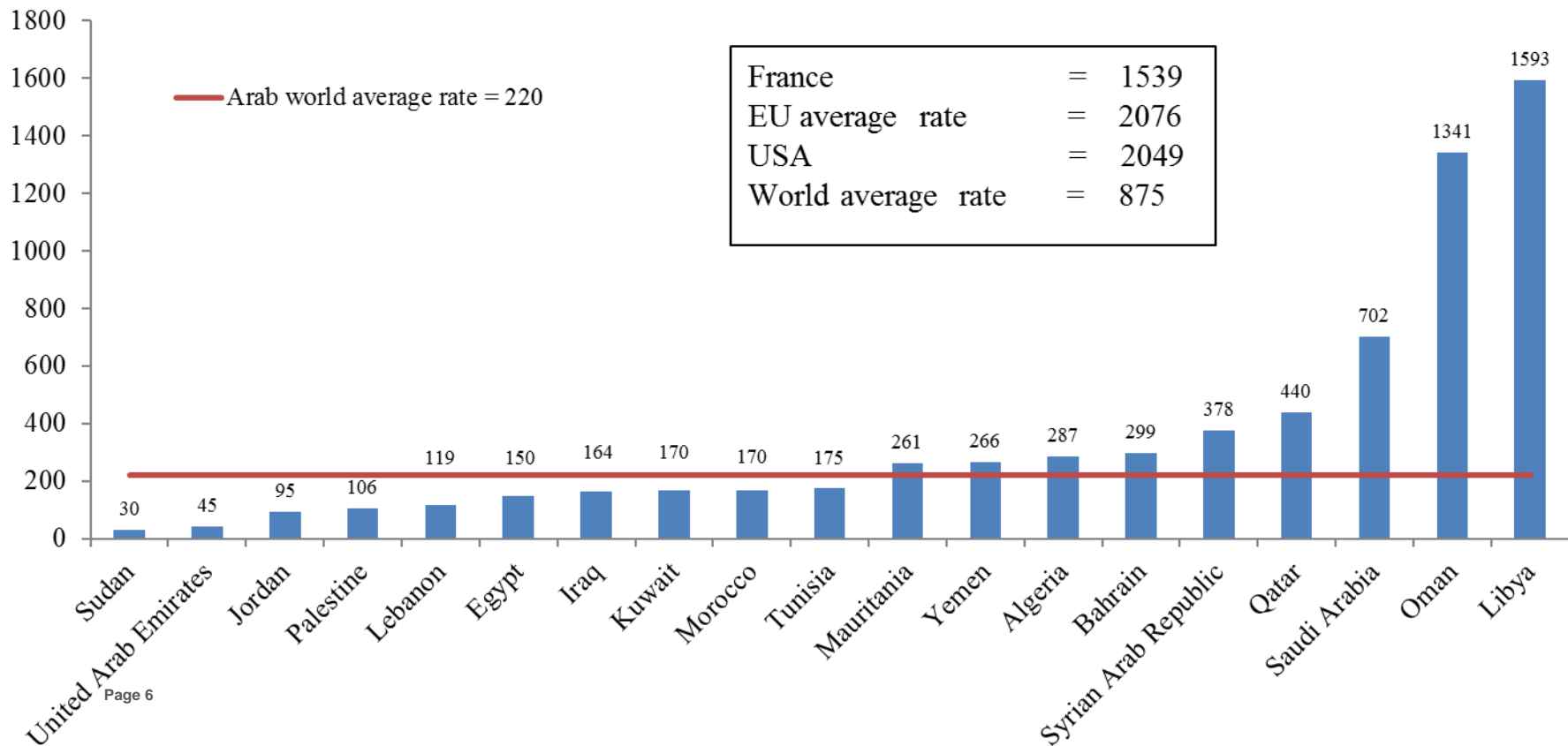
Source: Indexmundi

<http://www.indexmundi.com/factbook/fields/roadways>



# Roads Length per Population

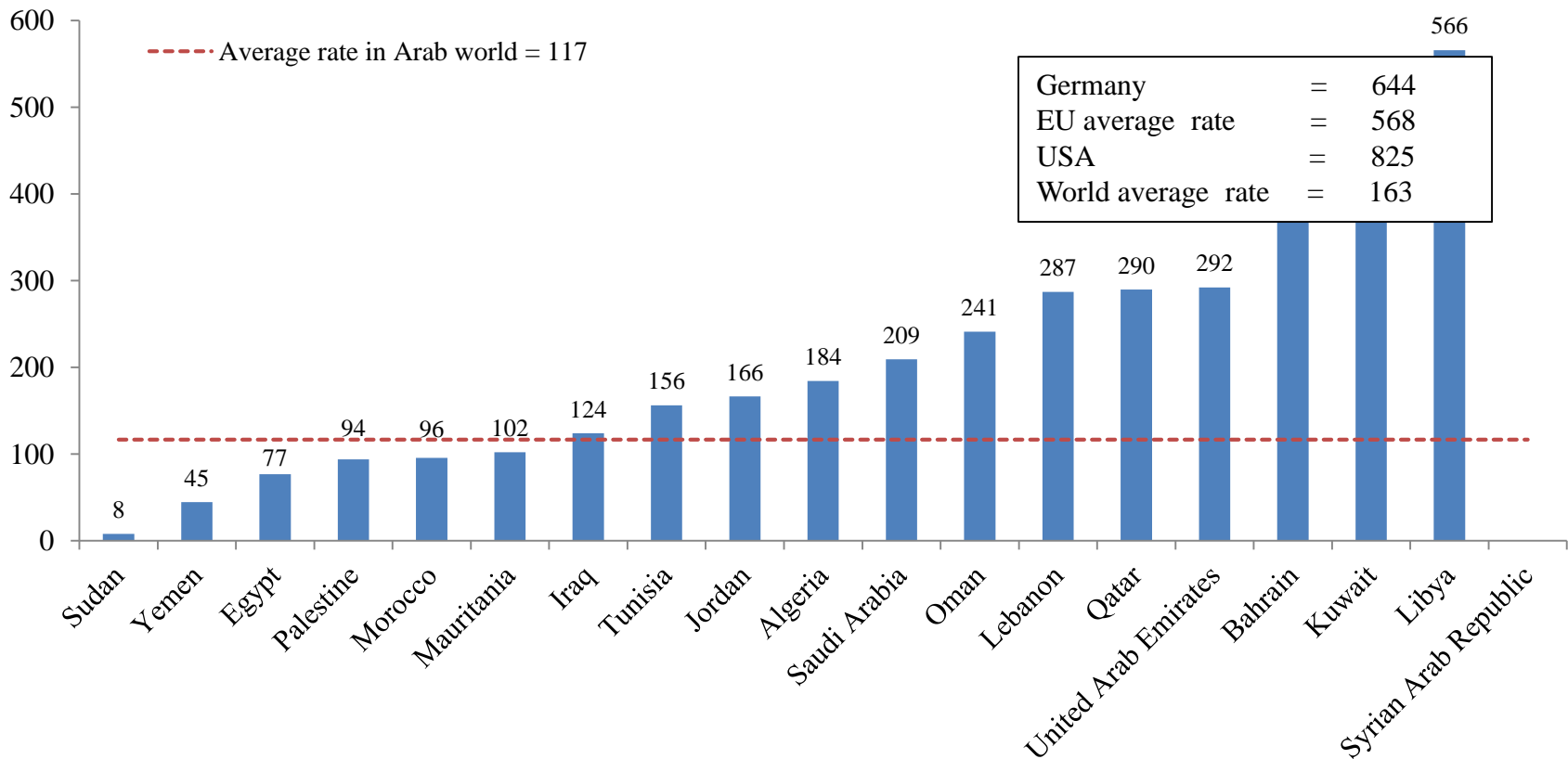
## Public roads network coverage rate by population (Km/100 000)





# Vehicles Ownership

## Ownership rate of registred vehicles per 1000 inhabitants (2013)



Source: World Health Organization

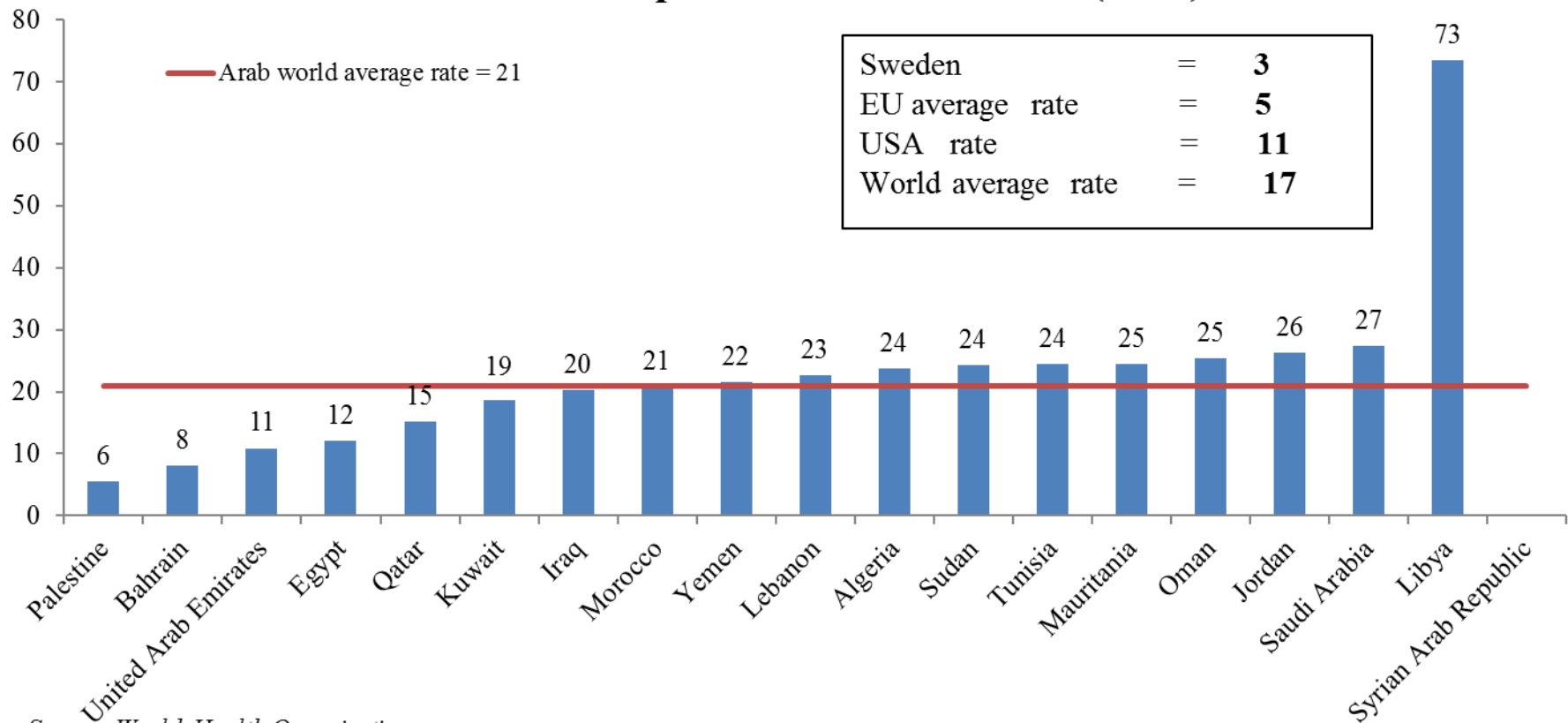
<http://apps.who.int/gho/data/node.main.A995?lang=en>



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# Road Safety

## Road deaths per 100 000 inhabitants (2013)



Source: World Health Organization

<http://apps.who.int/gho/data/node.main.4007?lang=en>





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# ESCWA efforts in the Transport Sector, ITSAS : Integrated Transport System in the Arab States

**Previous ITSAM:** Integrated Transport System in the Arab Mashreq

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In support of regional socioeconomic integration and development.

“Guiding vision for the integration of various means of transports with the aims of facilitating and increasing trade and commerce between member countries and those countries and the rest of the world.”



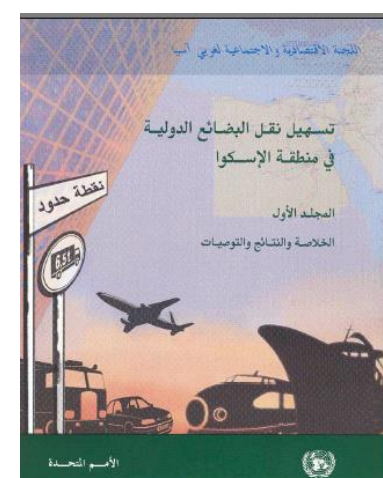
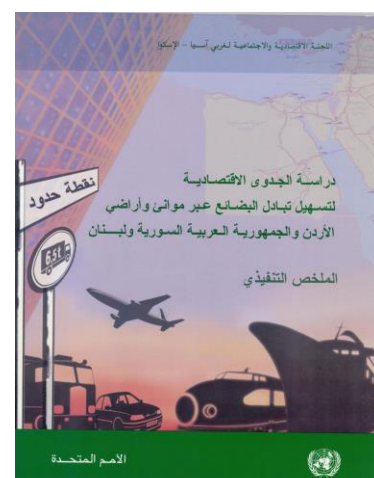
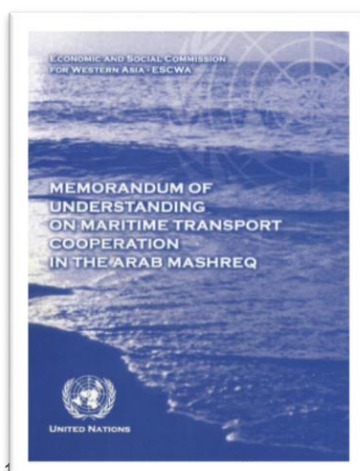
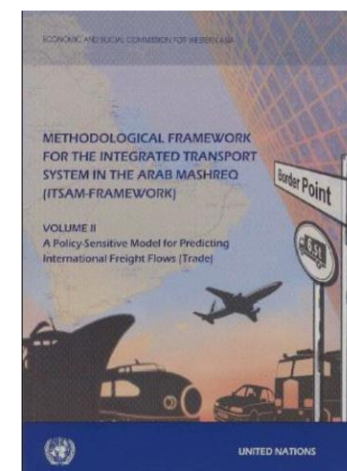
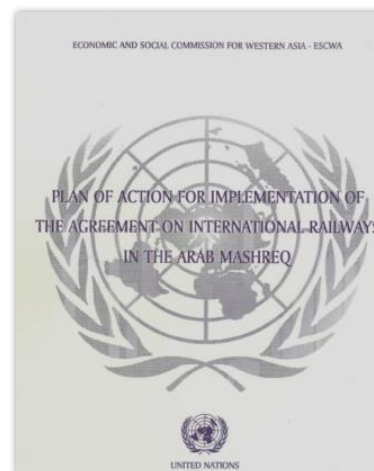
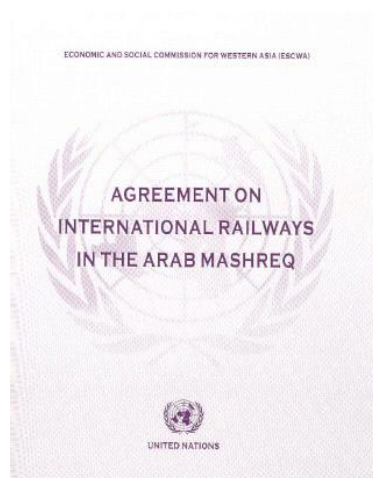
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# ITSAS/ITSAM Key Components

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- A. Agreement on International Roads in the Arab Mashreq
- B. Agreement on International Railways in the Arab Mashreq
- C. Memorandum of Understanding on Maritime Transport Cooperation in the Arab Mashreq
- D. National Transport and Trade Facilitation Committees
- E. Institutional Frameworks and Legislations Harmonization
- F. Road Safety

# ESCWA Accumulative Knowledge in the field of Transport Priorities for Regional Integration and Globalization



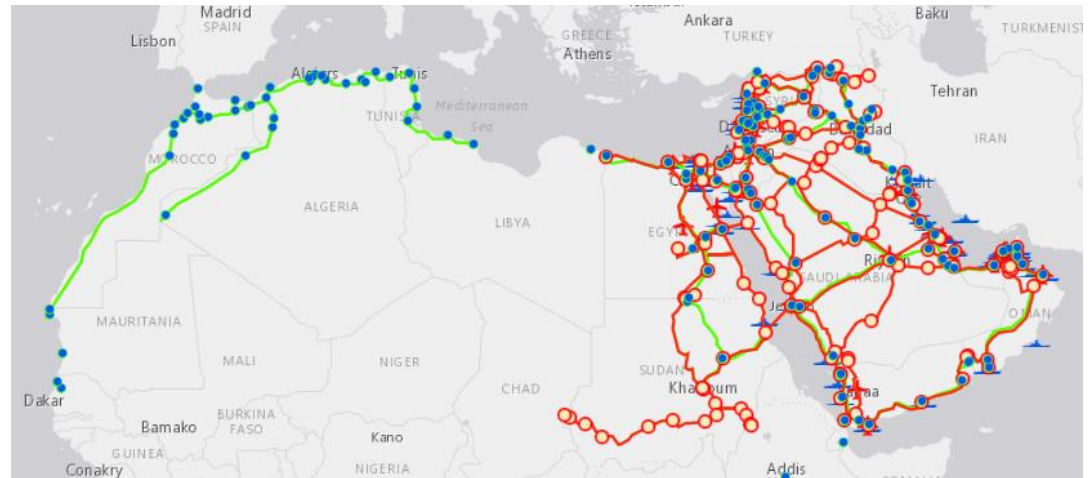


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# Ongoing activity: ITSAS GIS

## Five Layers:

1. COUNTRY
2. ROADS NETWORK
3. RAILWAYS NETWORK
4. AIRPORTS
5. PORTS



## Table of attributes:

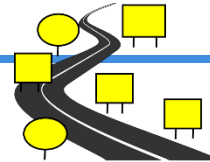
Inspired from the Glossary of Technical Data of the Trans-European Network GIS of the European Commission (Version 6 February 2014).

Negotiations initiated recently with IDB for a common development and connection with IDB GIS for Asian Road Network.



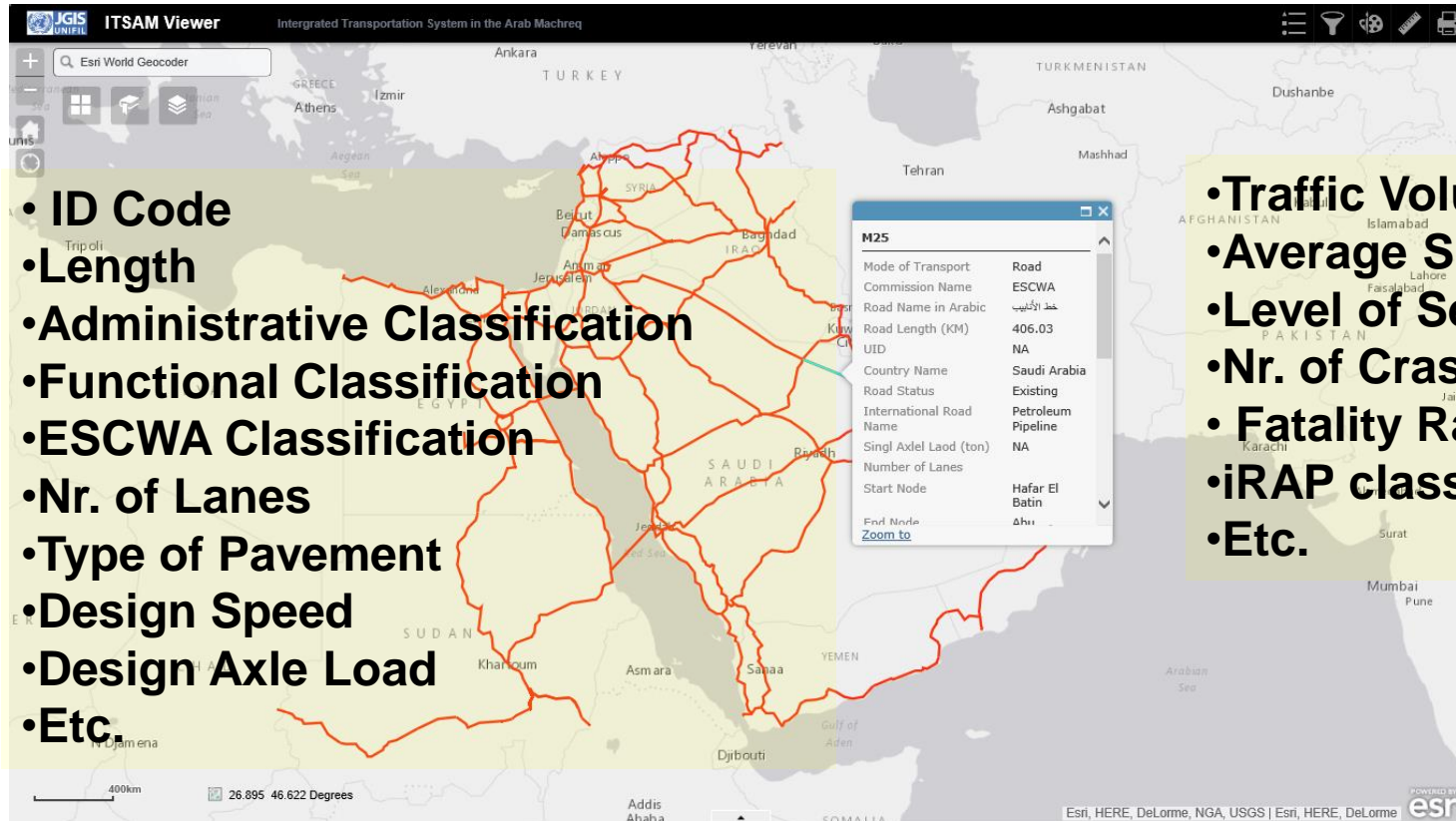
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# Roads Network Layer (Arcs and Nodes )



## Infrastructure Attributes (by segment)

## Operation Attributes





# ESCWA ongoing activities with Member Countries

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- **Providing Technical Cooperation:**
  - Technical Support
  - Capacity Building
  - Policy Formulation
- **Supporting MC to access and fully implement all transport related international agreements and conventions in coordination with UN and International Agencies and Institutions: (LAS, EU, IRU, TRL, IDB, WB, WHO, etc.)**
- **Whenever there is an existing well established International Instrument, countries are encouraged to Joint it and Implement it. New regional or local instruments should be considered only if they provide more advantages and facilitations to cosigners than the International ones.**

# ESCWA Future activities in Transport and Logistics

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- **Prospective study on Mega-trends in global transport and their effects on ESCWA region.**
- **Mutual Planning approach of ESCWA regional multi-modal transport in view of UN SDGs to enhance shared growth and sustainable prosperity.**
- **Towards the implementation of regional observatory on road safety within the activities of UN Decade of action for road safety and UN SDGs.**



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