

Sustainable Transport and Urban Mobility in Palestine

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An-Najah National University

Overview of An-Najah University

- **Top rank in Palestine**, one of the top in the region, 22k students, 4 campuses
- **On-going research:**
 - Trip & Parking Generation models
 - Mode Choice
 - Public Transport Accessibility
 - Enhancing Transport Planning through GIS
 - Road Geometry vs. Safety.

Overview of An-Najah Univ., Cont'd

- Main sources of research funding:
 - **Ministry of Higher Education (MOHE)**
 - **Self financed**
- Research capacities:
 - **Qualified Staff with outstanding history (Transport)**
 - **Available support staff (various fields)**
 - **Access to information**
 - **Laboratories, etc**
 - **i-Mobility Palestine (newly founded)**
- International cooperation: **GIZ, DFG, EU, World Bank, etc.**

Research funding [**in Palestine**]

- Main funding organisations:
 - **GIZ, MOHE, EU US, World Bank, UNDP, PARC,**
- Main funding frameworks:
 - **cooperation projects, FP7, applied research, capacity building, technology transfer, fellowships,**
- Types of research projects:
 - **research & technical assistance -- develop manuals, policy assessment, applications, modeling**
- Key stakeholders:
 - **MoT, Ministry of Public Works & Housing, Municipalities, Bus Companies, Traffic Police, Professionals, Public at large**

Key Research Projects and Programmes [**Palestine**]

Examples of flagship projects (1):

- **Developing a Road Safety Manual, funded by GIZ – (\$60,000)**
- **Partners: MoT, Higher Council for Traffic, MPWH**
- **Objectives: develop a local manual for road safety including various components (geometry, pedestrians, work zone, lighting, TCD, School Zones, Traffic Studies, etc.**

Key Research Projects and Programmes [**Palestine**]

Examples of flagship projects (2):

- **Traffic Systems Management (TSM) – Concepts and Applications for Palestinian Cities funded by PECDAR – (\$20,000)**
- **Partners: MoT**
- **Objectives: develop local procedures for TSM and its various components with their application potentials for Palestinian cities.**

Key Research Projects and Programmes [**Palestine**]

Examples of flagship projects (3):

- **Establishing Trip Generation Rates / Equations for Selected Land Uses in Palestine – (\$35,000) funded by MoHE**
- **Partners: None**
- **Objectives: Establish local trip generation rates for major land uses in Palestine and promote the institutionalization of Traffic Impact Studies.**

Current involvement/experiences of international cooperation [**Palestine**] (potentials):

- Funding Bodies:
 - **EU / US / French / German / UNDP**
- Partner Countries:
 - **France / Germany / USA / others**
- Projects and key activities:
 - **Environmental Impacts, Improvement of Public Transport (demand, operation, management, cost, etc), Transport Equity**

Research priorities and key topics

[Palestine]

- Topics to be focused on:
 - Improving public transport
 - Encouraging use of public transport
 - Improving traffic operation
 - Non motorized traffic
 - Sustainable transport planning and policy
 - Parking management
 - Use of smart phone for traffic data collection and information dissemination
 - Interaction between pedestrian and vehicular traffic
 - Road safety

Research priorities and key topics, cont'd

- Partners
 - EU / Regional Universities and research institutions and organizations
 - Tech Industries
 - Public transport operators / companies / unions
 - Municipalities
- **Scope and duration of such projects:** 2 – 5 years, depending on nature of project

Research priorities and key topics, cont'd

- Potential benefits:
 - Knowledge sharing
 - Networking
 - Getting closer to a sustainable transport system
 - Better planning
- Issues:
 - Funding
 - Cooperation of stakeholders / partners
 - Regional compatibility

Your expectations from cooperation with EC [**Palestine**]

■ **Expectation**

- Sharing of global issues
- Exchange of knowledge
- Networking with EU / Regional partners
- Application of new technologies
- Capacity building in specialized areas

● **Activities to carry out:**

- technical demonstration
- theoretical research
- policy study
- workshops

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THANK YOU!