

Egypt

Summary of Country Report

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EUTRAIN

European Transport Research Area International
Cooperation Activities



1. Expectation from an EU policy in “International Cooperation” in the field of Transport

A: Philosophy of Cooperation

- Mutual Benefit of research topics
- Facilitation of Research Teams Interactions
- Applicability of Research results in the Country context
- Innovative procedures for transport modelling techniques & methods in line with prevailing local context

1. Expectation from an EU policy in “International Cooperation” in the field of Transport

B: Suggested topics (not in priority)

- R&D on rehabilitation/maintenance of non-paved rural roads with local material
- None traditional public transport financing mechanisms
- Energy efficient truck freight transport
- Low cost applicable travel demand management
- Pavement recycling intermediate technology
- Improved road maintenance techniques
- Barriers to PPP in the road sector
- ITS solutions applicable to developing countries
- Institutional organization development



2. Priority Research Domains

- **New and Renewable Energy**
- **Desalination and Water resources**
- **Life Sciences**
- **Food and Agriculture**
- **Space Technology and Applications**
- **Information and Communication Technology**
- **Social Sciences and Humanities**

Phase ONE of Priority Research Domains 1/2

1. Energy Resources

- Technology Transfer of Wind Turbines
- Concentrated Solar Power
- Photo-volatics thin films with Nanotechnology

2. Water and Environment

- Non-Traditional Water Resources Management
- Desalination with renewable energy sources

3. Food and Agriculture

- Increasing yield of economic crops
- Increasing marine aqua-culture of fishes



Phase ONE of Priority Research Domains 2/2

4. Life Sciences

- Combating Hepatitis C virus disease

5. Space, Remote sensing and ICT

- Earth observation and Climate Change
- Super & grid computing & data-mining

3. Factors affecting International Cooperation

- Lack of properly funded programs
- Difficulties in Information & data sharing
- Scarcity of “Global” research infrastructures
- Interoperability & transferability of results
- Differences in Institutional cultures & research governance regimes
- Exploitation of research results
- Differences in Intellectual Property Regimes
- Conditions of disparity in human resources

4. Suggestions towards future research co-operation activities with the EU (not in priority)

- Health (Medical and Pharmacy)
- Nanotechnology
- Capacities (Research and Infrastructure)
- People programme
- Food, Agriculture. Fisheries and Biotechnology
- Water resources
- Energy
- Environment (Including Climate Change)
- Education
- ICT

Thank you

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