

iMFV in the Arab Region

Building the Unified Regional Model of Smart

Infrastructure -The Tunisian & Palestinian Examples

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ITS
Deployment
in the MENA
region

INTERNATIONAL SCIENTIFIC CENTER
Intelligent
Transport
Systems

Marrakech, Morocco
20 March 2013



Overview

- iMobility: Future Vision (IMFV) Group & Virtual Research Centre
- The Future Vision of iMobility in Arab Region
- The Tunisian Model
- The Palestinian Model

iMFV Group & Virtual Research Centre



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iMobility: Future Vision Group

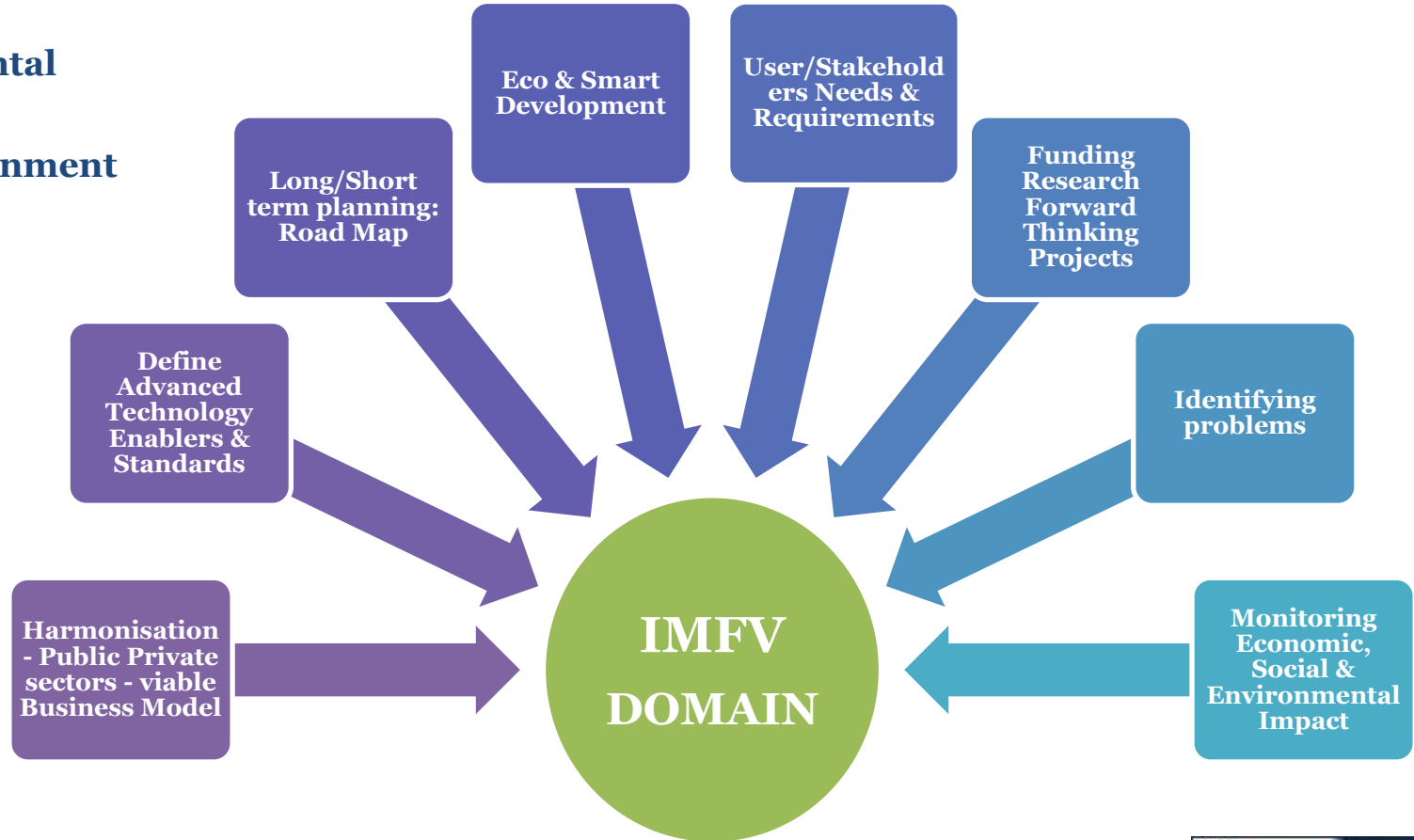


Smart Living Environment:



Understanding of the interrelationships of all influential factors such as

- **social**
- **economic**
- **environmental**
- **policies**
- **built environment**
- **land use**



Towards Unified Regional Strategy

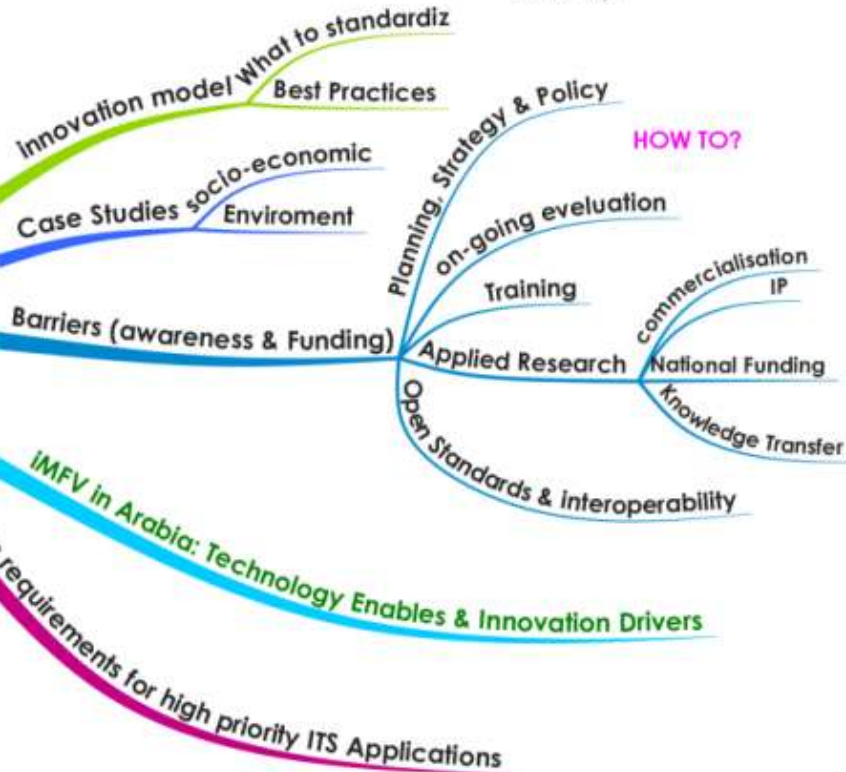


NO LEGACY SYSTEMS

Arab Countries spread over wide geographical area with different economic sectors



Innovation that drive Economy of Scale
Pieter Geldenhuys



ITU - Collaboration on Intelligent Transport Systems Communication Standards

- The same look & feel travel
- Promoting international Travel/Trade standards
- Tunisia: Tourism & long-distance freight transport



The Tunisian Model

STS Deployment Roadmap



ITS Architecture: What ITS services do we need to deploy?

Roadmap: How, Where and When to implement them?

Guidelines & Strategy– Proposed process



The strategic plan will require regular development & updating over time **to capture & exploit new technologies, policies & practices**

Identifying Requirements Assessment PPP workshops



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iMobility: Future Vision Group



West Bank 2012

- Green Line
(1949 Armistice Line)
- Barrier
- - - Barrier under construction
- Barrier planned
- Israeli settlements
- Palestinian areas



The Palestinian Model

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Source: UN Office for the Co-ordination of Humanitarian Affairs, CIA Issues in the Middle East: Atlas (1973)

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Palestinian Model



A Challenging research, development & implementation model

Proposed solutions should:

- *provide flexible solutions , self- funding & adaptable to the present constraints*
- *should **not** involve costly infrastructure development, deployment & maintenance*
- *utilise national resources providing **Transfer of technology 'know how'***
- *create revenue stream - ROI*
- *promote **clear benefits** & enhances mobility experience – **Behaviour Change***
- *provide Lessons learned -Resulting models & expertise can be exploited on the international level*



iMFV in the Arab Region **Building the** **Unified Regional Model of** **Smart Infrastructure**

Seeking Partners

Potential funding available for iMFV subject to finding suitable match funding

Thank You

Contact munahamdi@mghfuturevision.co.uk

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Our discussion board in LinkedIn with
over **879** international members with dedicated subgroup for
[iMFV in the Arab Region](#)

- http://www.linkedin.com/groups/IMobility-Future-Vision-2511997/about?trk=anet_ug_grppro
- http://www.linkedin.com/groups?gid=4206117&trk=hb_side_g
- <http://www.hud.ac.uk/imfv/news/>

Thank you