

16th IRF World Meeting Lisbon 2010

Road Financing Policy

President: Peter BASSO (AASHTO)
Moderator: Michael STANCIU (Search Corporation)



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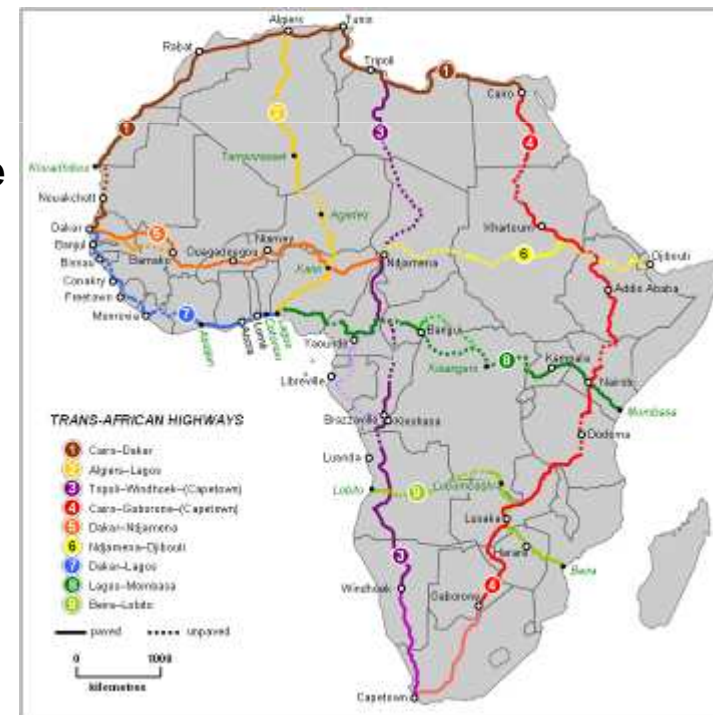
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World Bank , United States of America
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Adnan RAHMAN
ECORYS, Netherlands

Roadway Infrastructure in Africa

New Financing and Contracting Models

Author: **Luís PARREIRÃO**, Portugal
member of the board of directors of
MOTA-ENGIL GROUP

- Premises: Shortfalls of road infrastructure within the African continent. Main reasons.
- Solutions for development and recovery of the African road network
- Major African corridors overview
- Benefits of the investments in infrastructure
- The new financing vision
- The role of the private sector
- Conclusions



Dynamic Tolling Strategies Considering the Internalization of External Costs

Authors:

UMMENHOFER Peter Kapsch TrafficCom, Austria (main)

CZAKO Josef A. Kapsch TrafficCom Austria

RIEDLER Carmen Kapsch TrafficCom Austria

FELLENDORF Martin Kapsch TrafficCom Austria

HAUPTMANN Susanna Kapsch TrafficCom Austria

- **New traffic conditions**
- **New problems require new solutions. New approaches and concepts for managing traffic effectively**
- **Dynamically adapting toll tariffs of electronic toll collection systems**
- **Three case studies will be presented**
 - Singapore
 - Stockholm
 - USA
- **Conditions for successfully introducing dynamic tolling**
- **Measures taken at the European level and new legal and political framework**



Innovative Project Delivery Models

Author: Graham HOOPER
Global Managing Director, Transportation AECOM,
United Arab Emirates

- **Definition and presentation of a new concept: Alliance contracting**
 - Risk/costs/profit sharing – compensation model
 - Key Result Area and Key Performance Indicators
 - Delivery Value Adds
 - Comparison with other types of contracting (Traditional Contract Models, partnerships, joint ventures, cost-plus contracts, performance incentives)

- **Case Studies:**
 - AECOM Highway Alliances in Australia
 - Lawrence Hargrave Drive Alliance

- **Examples of other Relationship Contracting Models -Hybrids**



Financing Highway in Mexico: Concessions (BOT) and Public – Private Partnerships (PPP) Aspects, Challenges and Recommendations

Author: Luis A. Rocha-Chiu
Civil Engineer, Universidad Autonoma
Metropolitana Azcapotzalco, México

*Co-authors: Antonio SÁNCHEZ SOLIÑO and
Manuel RIVAS CERVERA, Universidad
Politécnica de Madrid, Spain*

- **Mexico road network overview: facts and figures**
- **Shortcomings of the Mexican road infrastructure**
- **The current Mexican road program 2007-2012**
- **The 1989-1994 Mexican program for highway construction vs. the new concessions model (BOT) and public private partnership model (PPP)**
- **Conclusions**



Efficiency of Alternative Tendering Mechanisms for Road Public-Private Partnerships

Authors:

Antonio SÁNCHEZ SOLIÑO
Universidad Politécnica de Madrid, Spain

Pilar GAGO DE SANTOS
Universidad Politécnica de Madrid, Spain

- **General concerns related to Public-Private-Partnerships**
- **Analysis of the different procurement procedures to launch road PPP projects**
- **The non-negotiated procedures (ie. the open procedure) vs. the negotiated procedure**
- **Public procurement mechanism within the EU**
- **Empirical evidence on transaction costs in PPPs**
- **Conclusions**



Public-Private Partnerships in Roads and Government Support: Trends in Developing Economies

Author: Cesar QUEIROZ
World Bank
United States of America

- **The private participation sector in road projects, in countries with transition and developing economies in the recent years**
- **An overview of private participation in roads**
- **Recent trends in road projects with private participation**
- **Impact of the global financial crisis on PPP in infrastructure**
- **PPP - a must for the developing and transition countries, under the current economic crisis conditions**
- **How to keep the private sector involved**
- **Government support and mechanisms to attract private financing**
- **Conclusions and acknowledgments**



Road pricing: the case of the Netherlands

Authors:

Adnan RAHMAN ECORYS Netherlands (main author and speaker)

Johan GILLE ECORYS Nederland BV, Netherlands

- Netherlands' history in planning the introduction of road pricing
- Current charges for infrastructure use in the Netherlands
- The current government policy on congestion and mobility
- The ABvM platform
 - presentation
 - recommendations
 - variable road pricing alternatives
- Expected impacts of the road pricing on the users
- The benefits of the road pricing, including the environmental aspect as well

