

## Transport Day 2016 Break-out Session

13 November, 2016

12:00-13:15 (Break-out Session #2C)

Es Saadi Gardens Resort and Palace, Marrakech

### **Electric Mobility and the Energy-Transport Nexus: Identifying strategic partnerships for clean, efficient mobility**

#### **Structure:**

- The event will be opened by the moderator and panelists will be introduced.
- Each panelist will have 5 minutes to present an introductory overview of their topic.

(You are welcome to present 2-3 slides should you wish. However these slides should be used to support your intervention (to illustrate concepts; present a diagram or show pictures). Please do not use the slides to present text.)

- Once all the panelists have presented, the moderator will lead a facilitated discussion, asking panelists to respond to questions or points raised by him or other panelists.
- As noted in the description below, the session will look at the drivers for e-mobility.

#### **Background:**

Electric mobility is advancing in the urban transportation sector, in large part because of local pollution issues and a growing number of city-level sustainability issues.

Electric mobility is a means of integrating electricity generated from renewable energy sources in the transport sector. It offers major potential for business, for the environment and for society at large and delivers the possibility of zero-carbon mobility, making it an essential part of any energy and climate reform. The use of renewables can also address energy supply security issues as well as energy access issues in developing countries.

Objectives in the transport and energy sector do not lend themselves to natural synergies. There are however distinct advantages for the two sectors to work together: integrating planning efforts to ensure energy and transport security; reducing the risk of stranded assets in both sectors; developing new products and business models to meet cities' sustainability objectives.

This session will look at sectoral drivers in the transport and renewable energy sector and identify

opportunities for strategic partnerships. Experts from the two sectors will outline the motivation to engage with the other sector. A panel discussion will look at how joint planning can increase the uptake of clean energy and ensure efficiency in the urban transportation system.

**Objectives:**

- To understand the sectoral drivers in the transport and renewable energy sectors
- To identify opportunities for strategic partnerships in the transport sector to achieve a high share of renewables and attain sustainability objectives

**Programme:**

**12:00 Welcome and Introductions**

Carel Snyman (Moderator), Energy and Transport, SANEDI

**12:05 Renewable Energy-based e-mobility in Cities: Really a shared dream?**

Rana Adib, Research Coordinator, REN21

**12:10 Why Should the Transport Sector Look at Renewables?**

Shelia Watson, Deputy Director & Director of Environment and Research, FIA Foundation

**12:15 What Are the Opportunities in the Transport Sector to help Drive Renewable Energy Uptake?: Renewables perspective**

Christian Hochfeld, Executive Director bei Agora Verkehrswende

**12:20 Cities: Can they be the driver for systemic change in the transport/energy nexus?**

Maria Amparo Martinez Arroyo, Director General National Institute of Ecology and Climate Change

**12:25 Flying High: A technology innovation in the transport sector**

Katharina Bernard, Business Development, Doppelmayer

**12:30 Panel Discussion**

- What is driving change in the transport sector?
- How is “mobility” defined?
- What is necessary to create synergies between the renewable energy and transport sectors?
- How can we work together to achieve clean, efficient mobility?

**12:55 Close**

Carel Snyman

If you have any questions please do not hesitate to contact Laura Williamson, REN21

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