Associated Event





Programme

Global Forum on Electric Mobility

Greening Transport for Sustainable Development

Monday 18 June 2012 | Rio de Janeiro, Brazil

"The sustainable development agenda is the growth agenda for the 21st century."

Ban Ki-moon United Nations Secretary-General

CO-ORGANIZED BY















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Invitation

Global Forum on Electric Mobility Greening Transport for Sustainable Development

The High-level Intergovernmental Rio+20 Conference will bring together Heads of State and Governments, leading policy and decision makers from both public and private sectors, and attract thousands of participants, including NGOs, experts, the media and other environmentally and socially concerned civil society groups.

Among other topics, Rio+20 will focus its debate on enhancing a 'green' economy in the context of sustainable development and poverty eradication. A 'greener' economy and sustainable development is only achievable if the increasingly urgent issues in transport are more vigorously addressed.

In specific applications, electric mobility offers important opportunities to enhance sustainable development. As battery and vehicle technologies continuously advance, EV manufacturers now offer hybrid, plug-in hybrid and battery powered vehicles. Some countries and cities actively promote the emerging electric mobility industry by providing financial and other incentives.

Many recent model and pilot projects have clearly demonstrated the economic viability and the social and environmental benefits of electric vehicles, in particular in areas where electricity supply for battery charging is based on renewable sources of energy.

The Forum is hosted by Eletrobras Furnas and co-organized by the Brazilian Electric Vehicle Association (ABVE), the Transport Engineering Programme of the COPPE Institute of the Federal University of Rio de Janeiro (UFRJ), the Global Forum on Human Settlements (GFHS), the United Nations Office for Partnerships (UNOP), the United Nations Department of Economic and Social Affairs (UN DESA) and the Foundation for Social Change.

The Forum is expected to be attended by electric vehicle suppliers, manufacturers, distributers and users, as well as by leading decision and policy makers from national and city governments, transport authorities and private sectors. Simultaneous interpretation is provided in English, Spanish, Portuguese and Chinese. The Forum offers unique opportunities for market development and new business and media contacts in emerging markets.

The technical presentations discussed at the Forum will provide background information for the debate on transport for sustainable development at the United Nations, including the High-level United Nations Conference on Sustainable Development to be held in Rio de Janeiro 20-22 June 2012.

We are looking forward to welcoming you to Rio de Janeiro.



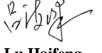
Flavio Decat President, Eletrobras Furnas











Lu Haifeng Secretary-General, Global Forum on Human Settlements





Nikhil Seth
Director,
Division for Sustainable Development









Opening Session 10:00-11:00

Welcome remarks by the co-organizers

Keynote Statement Renewable energy and electric mobility:

Complements for a sustainable transport future

Opening address Mr. Flavio Decat, President, EletroBras Furnas, Rio de Janeiro, Brazil

Keynote Statement Perspectives for enhancing sustainable transport

at local, national and global levels
Ambassador Anwarul Chowdhury, Chairman,

Global Forum on Human Settlements, and former Under-Secretary-General

and High Representative of the United Nations, New York Climate change: The age of zero-emission transportation is now Mr. Toshiyuki Otani, Renault-Nissan Alliance Managing Director and

Senior Vice President, Global Zero Emission Business Unit and Global Battery Business, Nissan Motor Co., Ltd.

Introduction to the subsequent programme of the Forum

Session 1 11:00-12:00

Co-moderators: Professor Marcio D'Agosto, Transport Engineering Programme,

COPPE Institute, Federal University of Rio de Janeiro (UFRJ)

Ms. Kathleen Abdalla, Chief, Emerging Issues Branch,

Division for Sustainable Development, United Nations DESA, New York

Harnessing the potentials of hybrid vehicles and electric mobility:

Implications for transport policies
Mr. Pietro Erber, President,

Brazilian Electric Vehicle Association ABVE, Rio de Janeiro, Brazil

Perspectives for developing the electric mobility market:

Trends, issues and opportunities

Mr. John Licata, CEO and Chief Commodity Strategist, Blue Phoenix Inc, New York, United States

Electric cars — The views of consumers on the use and viability

Mr. Ricardo de Carvalho, Corporate Finance Partner, Deloitte LLP Consultants, United States / Brazil

Automotive innovations, electric vehicles and mobility concepts for sustainable transport

Mr. Henning Dornbusch, President, BMW, Sao Paulo, Brazil Session 2 12:00-13:00

Co-moderators: Mr. Wang Dehui, Consultant to Environmental Impact Assessment Centre,

Ministry of Environmental Protection, China;

Former Deputy Director-General of Nature Conservation Department, SEPA

Mr. Ralph Wahnschafft, Division for Sustainable Development,

United Nations, DESA, New York

Making electric mobility affordable: Enhancing sustainable transport in India

Mr. Anupam Bhattacharjee, Electric Mobility Expert, Mahindra & Mahindra (Reva Electric Cars), Mumbai, India

Urban transportation by electric buses using ultra-capacitors

Mr. AntonioVincente Albuquerque de Souza e Silva, Tecnical Director, ABVE

Benefits of electric vehicles in urban public transport

- Profiles of BYD demonstration projects

Mr. Fred Ni, Vice President, BYD America, Inc, Los Angeles and Washington, D.C.

Planning the use of electric traction for urban transport:

The experience of COPPE Institute

Professor Marcio D'Agosto, Coordinator, Transport Engineering Program, And Mr. Bruno Borba, Researcher, COPPE Institute, Federal University of Rio de Janeiro (UFRJ), Brazil

Questions and answers

Lunch break 13:00-14:00

Viewing of on-site Electric Vehicle Exhibits

Session 3 14:00-15:00

Co-moderators: Mr. Alexander Veitch, Head,

Sustainable Development Unit, International Union of Railways (UIC)
Mr. Taj Hamad, Board member of GFHS, Secretary General WANGO, and

Chairman of World Summit of Muslim Leaders, London, Jakarta

Electric vehicles in urban delivery fleets: DHL GoGreen Initiatives in New York, USA

Mr. Marc Fichtner, Director of Strategic Projects, GoGreen, DHL, Deutsche Post, New York

The future of electric mobility — Integrated mobility solutions

Mr. Frank Wolter, Senior Project Manager, InnoZ, Berlin, Germany

Experience of the Itaipu Binational in research and development of electric vehicles

Mr. Celso Novais.

CTO Sustainable Electric Mobility, Itaipu Binational, Bazil / Paraguay

Innovations to support sustainable mobility through the modernization of power grid and electric vehicles

Mr. Peter Torrellas, Chief Technical Advisor,

Siemens, Infrastructure and Cities Mobility and Logistics Division, New York, United States

Questions and answers

Coffee break

Session 4 15:15-16:15

Co-moderators: Ms. Olga Simbalista, Director of Planning, Management

and Business Interests, Furnas, Rio de Janeiro, Brazil Senior representative of Electricité de France, Paris

Electric Bikes and trikes:

New and affordable solutions for sustainable urban mobility

Mr. Marlos de Souza, Brazil Electric Bike, Goiania, Goias, Brazil

Introducing electric mobility options at railway stations in Europe

Mr. Jean-Pierre Loubinoux, Director General, International Union of Railways (UIC), Paris, France

Innovative electric vehicles and new mobility concepts for a sustainable future

Mr. Gorka Espiau Idoiaga, Head, International Department, Hiriko Consortium, Vitoria-Gasteiz, Spain

How a smarter grid enables smarter mobility

Ms. Tania Cosentino, President, Schneider-Electric, São Paulo, Brazil

Questions and answers

Summary of conclusions and recommendations

16:15-16:30

Co-Moderators: Mr. Pietro Erber, President, Brazilian ElectricVehicle Association (ABVE)

Mr. Ralph Wahnschafft, Division for Sustainable Development,

United Nations, DESA, New York

Meetings with Media Representatives & Interviews

Reception / "Happy Hour"

16:30-17:30

Follow-on Evening Session of GFHS (detailed programme announced separately)

The Co-organizers of the Forum gratefully acknowledge the generous and professional support of the host organization



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