

# **Expert Group Meeting on Sustainable Urban Transport: Modernizing and Greening Taxi Fleets in Latin American Cities**

**18 -19 May 2011  
Auditorium Reginaldo Treiger  
National Bank for Economic and Social Development (BNDES)  
Rio de Janeiro, Brazil**

**Provisional Programme**  
(as of 09 May 2011)

Co-organizers:  
COPPE – Transport Engineering Programme  
Federal University of Rio de Janeiro (UFRJ)  
and  
United Nations Department of Economic and Social Affairs (DESA)

In collaboration with:  
Korea Energy Economics Institute (KEEI)

With the support of:  
Korea Energy Management Corporation (KEMCO)

## WEDNESDAY, 18 MAY 2011

8:30-9:30 **On-Site Registration**

### OPENING SESSION

9:30-10:30 **OPENING STATEMENTS** PROF. LUIZ PINGUELLI ROSA, DIRECTOR, COPPE  
 MS. KATHLEEN ABDALLA, CHIEF, EMERGING ISSUES BRANCH, DIVISION FOR SUSTAINABLE DEVELOPMENT, DESA

**KEYNOTE ADDRESS** **ENHANCING A GREENER ECONOMY AND SUSTAINABLE URBAN TRANSPORT: ACHIEVING GLOBAL GOALS THROUGH LOCAL INITIATIVES**  
 MR. SERGIO BESSERMAN VIANA, PRESIDENT, RIO DE JANEIRO CHAMBER FOR SUSTAINABLE DEVELOPMENT AND SENIOR ADVISOR ON RIO+20, OFFICE OF THE MAYOR OF RIO DE JANEIRO

**WELCOME ADDRESSES** MR. ALEXANDRE SANSÃO, TRANSPORT SECRETARY OF RIO DE JANEIRO MUNICIPALITY, BRAZIL  
 SENIOR OFFICIAL/REPRESENTATIVE OF REPUBLIC OF KOREA

10:30-11:00 **COFFEE BREAK** (GROUP PHOTO)  
**INTRODUCTION TO PROGRAMME OF EXPERT MEETING**  
 MR. RALPH WAHNSCHAFFT, SENIOR ECONOMIC AFFAIRS OFFICER, DIVISION FOR SUSTAINABLE DEVELOPMENT, DESA

### SESSION I INTRODUCTORY OVERVIEWS: POLICY OPTIONS AND BEST PRACTICES IN REGULATING URBAN TAXI SYSTEMS

CO-CHAIRS: KATHLEEN ABDALLA, CHIEF, EMERGING ISSUES BRANCH, DIVISION FOR SUSTAINABLE DEVELOPMENT, UNITED NATIONS DESA, NEW YORK AND SENIOR EXPERT FROM BRAZIL (TBD)

11:00-13:00 **GLOBAL TAXI SYSTEMS AND THEIR INTEGRATION IN SUSTAINABLE URBAN DEVELOPMENT**  
 MR. RONALDO BALASSIANO, PROFESSOR, COPPE TRANSPORT ENGINEERING PROGRAMME, UNIVERSITY OF RIO DE JANEIRO, BRAZIL, AND MR. ANTONIO NELSON RODRIGUES DE SILVA, PROFESSOR, DEPT. OF TRANSPORT, UNIVERSITY OF SAO PAULO, BRAZIL

**MANAGEMENT, MODERNIZATION AND GREENING OF TAXI SERVICES IN RIO DE JANEIRO, BRAZIL**  
 MR. EDUARDO FREDERICO CABRAL DE OLIVEIRA, DEPUTY TRANSPORT SECRETARY, RIO DE JANEIRO MUNICIPALITY, BRAZIL

**PRIVATE SECTOR INITIATIVES ON “GREENING” TAXI SERVICES IN CALIFORNIA**  
 MR. CHARLES RATHBONE, ASSISTANT MANAGER, LUXOR CAB COMPANY, SAN FRANCISCO, CALIFORNIA, USA, AND HOST WWW.TAXI-LIBRARY.ORG

**ENHANCING SUSTAINABILITY OF TAXI SERVICES: POLICIES, INITIATIVES AND TRENDS IN REPUBLIC OF KOREA**  
 MR. SANGJIN HAN, HEAD OF CENTER FOR TRANSPORT AND CLIMATE CHANGE, THE KOREA TRANSPORT INSTITUTE, SEOUL, REP. OF KOREA

**SUSTAINABILITY OF TAXI SERVICES: THE WORK OF INTERNATIONAL ROAD UNION (IRU)**  
 MR. OLEG KAMBERSKI, HEAD, PASSENGER TRANSPORT & TAXI, IRU, BRUSSELS (VIA VIDEOLINK)

**QUESTIONS & ANSWERS WITH INVITED EXPERTS**

13:00-14:30 **LUNCH BREAK**

## **SESSION II URBAN TRANSPORT SYSTEMS AND THE ROLE OF TAXIS**

CO-CHAIRS: PROFESSOR CARLOS DAVID NASSI, TRANSPORT ENGINEERING PROGRAMME, COPPE/UFRJ, RIO DE JANEIRO, BRAZIL AND MR. JORGE ALBERTO MATANIC, DIRECTOR OF OPERATION, TAXI AUTHORITY OF BUENOS AIRES, ARGENTINA

### **14:30-16:00 THE TAXI AND PARATRANSIT INDUSTRY IN DEVELOPING COUNTRIES: CONTRIBUTION TO SUSTAINABLE URBAN MOBILITY?**

MR. FREDERIC SALIEZ, REPRESENTATIVE, UNITED NATIONS HUMAN SETTLEMENT PROGRAMME (HABITAT), REGIONAL OFFICE FOR LATIN AMERICA AND THE CARIBBEAN, RIO DE JANEIRO

#### **REGULATION AND DEVELOPMENT OF TAXI SERVICES IN LA PAZ, BOLIVIA**

MR. EDUARDO CORTEZ, CHIEF, TRANSPORT SYSTEMS, MUNICIPAL GOVERNMENT OF LA PAZ, AND/OR MR. RODOLFO LLANOS, EXECUTIVE DIRECTOR, AUTHORITY OF FISCAL AND SOCIAL CONTROL OR TRANSPORT SERVICES, BOLIVIA

#### **EMPIRICAL STUDIES ON SUSTAINABILITY IN TAXI OPERATIONS: BOGOTA, COLOMBIA**

MR. ALVARO RODRIGUEZ-VALENCIA, DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING, UNIVERSIDAD DE LOS ANDES, BOGOTA, COLOMBIA

#### **REGULATION AND DEVELOPMENT OF TAXI SERVICES IN HAVANNA, CUBA**

MS. LILIANA NUÑES-VELIZ, PRESIDENT OF FOUNDATION NATURE AND MAN, AND MS. MARILYN FERNÁNDEZ PÉREZ, NATIONAL COORDINATOR, UNITED NATIONS HABITAT, HAVANNA, CUBA

#### **PERSPECTIVES FOR IMPROVING TAXI SERVICES: EMPIRICAL CASE STUDY OF CORDOBA, ARGENTINA**

PROF. JORGE GALARRAGA, NATIONAL UNIVERSITY OF CORDOBA, CORDOBA, ARGENTINA

### **QUESTIONS & ANSWERS WITH INVITED EXPERTS**

### **16:00-16:15 COFFEE BREAK**

### **16:15-17:30 MOTORCYCLE TAXI SERVICES: CIVIL RESPONSIBILITIES IN THE CASE OF TRAFFIC ACCIDENTS**

MR. JOÃO ALENCAR OLIVEIRA JUNIOR, TRANSPORT ENGINEERING AND INFRASTRUCTURE ANALYST, BRASILIA, BRAZIL

#### **“PINK” TAXI SERVICES - INNOVATIONS, INITIAL EXPERICES, CHALLENGES AND SUCCESSES OF WOMEN TAXI SERVICES FOR WOMEN PASSENGERS**

MS. – TBD - (TBC)

#### **BENEFITS OF SHARED TAXI-TRANSPORTATION SERVICES**

MR. JULIO VILLALOBOS, TRANSPORT CONSULTANT, SANTIAGO, CHILE

#### **OVERVIEW OF TAXI OPERATIONS IN BELO HORIZONTE: SECURITY AND SAFETY ASPECTS**

MS. JUSSARA BELLAVINHA, DIRECTOR, TRANSPORT AND TRANSIT PUBLIC COMPANY, BHTRANS, BELO HORIZONTE, MINAS GERAIS, BRAZIL

### **QUESTIONS & ANSWERS WITH INVITED PANELISTS**

## RECEPTION FOR PARTICIPANTS

### HOSTED BY:

KOREA ENERGY ECONOMICS INSTITUTE (KEEI)  
KOREA ENERGY MANAGEMENT CORPORATION (KEMCO)

### Welcome Addresses (invited)

( venue to be announced ) ( time tbd - 17:30-20:00 )

## THURSDAY, 19 MAY 2011

8:30-9:30 **On-Site Registration**

### SESSION III VEHICLE TECHNOLOGIES AND FUEL CHOICES FOR MITIGATING URBAN AIR POLLUTION AND GHG EMISSIONS FROM TAXIS

CO-CHAIRS: MR. YOUNG-SEOK MOON, VICE- PRESIDENT, KOREA ENERGY ECONOMICS INSTITUTE , SEOUL, REP. OF KOREA AND MR./MS. ... TBD...

9:30-11:00 **CONVERSION OF TAXI FLEETS TO COMPRESSED NATURAL GAS (CNG)**

MR MARTIN E. GLÜCKSMANN, PRESIDENT, CAMARA DEL RADIO TAXI DE ARGENTINA, BUENOS AIRES, ARGENTINA

#### **PLUG-IN HYBRID VEHICLES IN DEDICATED FLEETS AND THE OPPORTUNITY FOR THEIR INTEGRATION WITH ALTERNATIVE POWER GENERATION SOURCES**

MR. ALEXANDRE SZKLO, PROFESSOR AND HEAD OF DEPARTMENT, AND PROF. ROBERTO SCHAEFFER, ENERGY PLANNING PROGRAMME, COPPE/UFRJ , RIO DE JANEIRO, BRAZIL

#### **NEW LIQUIFIED PETROLEUM GAS DIRECT INJECTION – HYBRID ENGINES IN COMMERCIAL TAXIS: INITIAL EXPERIENCES FROM REPUBLIC OF KOREA**

- DESIGNATED EXPERT- , GREEN CAR TEAM, GREEN TRANSPORTATION POLICY DIVISION, SEOUL METROPOLITAN GOVERNMENT, SEOUL, REP. OF KOREA

#### **QUESTIONS & ANSWERS/ROUNDTABLE DISCUSSION WITH INVITED EXPERTS**

11:00-11:30 **COFFEE BREAK**

#### **GREENING TAXI SERVICES: INITIAL EXPERIENCES WITH ELECTRIC VEHICLE TAXI SERVICES IN SHENZHEN CITY, CHINA**

MR. MICHAEL KWEI, SHENZHEN BUS GROUP, SHENZHEN CITY, CHINA AND MESSRS. HENRI LI AND STANLEY TANG, BYD AUTO GROUP (LATIN AMERICA DIVISION), SHENZHEN, CHINA

#### **INTRODUCING BICYCLE TAXIS SERVICES IN EUROPEAN CITIES: OPPORTUNITIES, INNOVATIONS, CHALLENGES AND CONSTRAINTS**

MR. MICHAEL VOGTMANN, MANGING DIRECTOR, SOLARINITIATIVE NUERNBERG, GERMANY

#### **QUESTIONS & ANSWERS/ROUNDTABLE DISCUSSION WITH INVITED EXPERTS**

13:00-14:30 **LUNCH BREAK**

## SESSION IV “TAXI OF TOMORROW”: DEVELOPMENTS, INNOVATIONS AND TRENDS

CO-CHAIRS: PROFESSOR PAULO CEZAR MARTINS RIBEIRO, COOPE/UFRJ, AND DESIGNATED EXPERT, OVERSEAS PROJECT DEPARTMENT, KOREA ENERGY MANAGEMENT CORPORATION (KEMCO), SEOUL, REP. OF KOREA

14:30-16:00

### **APPLICATIONS OF IT TECHNOLOGIES AND IMPROVEMENT IN EFFECIVENESS AND PRODUCTIVITY OF COMMERCIAL TAXI SERVICES IN EDUCADOR**

MR. RODRIGO TORRES BUSTILLOS, TRANSPORT CONSULTANT AND FORMER DIRECTOR GENERAL OF TRANSPORT AND MOBILITY OF QUITO MUNICIPALITY, AND MR ROBERTO NOBOA, DIRECTOR OF PUBLIC TRANSPORT, QUITO CITY, ECUADOR

### **ENVIU – HYBRID AUTO RICKSHAWS – INNOVATIONS IN URBAN MOBILITY SERVICES**

MR. RAMESH PRABHU, CHIEF EXECUTIVE OFFICER, THREE WHEELS UNITED INDIA SERVICES PRIVATE LIMITED, BANGALORE, INDIA

### **MX-LIBRIS ENERGY EFFICIENCY ECO-CAR CONCEPT FOR LATIN AMERICAN CITIES**

MR. ALBERTO VILLARREAL, DESIGNER AND CREATIVE DIRECTOR, MEXICO CITY, MEXICO (VIA VIDEO LINK)

### **TRANSPORT ENERGY EFFICIENCY POLICY IN REPUBLIC OF KOREA: PERSPECTIVES FOR INTERNATIONAL COOPERATION**

REPRESENTATIVE/EXPERT(S) OF KOREA ENERGY MANAGEMENT CORPORATION (KEMCO), SEOUL, REP. OF KOREA

### **QUESTIONS & ANSWERS**

16:00-16:30

### **COFFEE BREAK**

## SESSION V **ROUNDTABLE DISCUSSION ON CONCLUSIONS AND RECOMMENDATIONS OF THE EXPERT GROUP MEETING**

CO-CHAIRS: MR. RONALDO BALASSIANO, PROFESSOR, TRANSPORT ENGINEERING PROGRAMME, COPPE, UFRJ, RIO DE JANEIRO, BRAZIL AND MR. RALPH WAHNSCHAFFT, SENIOR ECONOMIC AFFAIRS OFFICER, DIVISION FOR SUSTAINABLE DEVELOPMENT, UNITED NATIONS DESA, NEW YORK

16:30-17:00

DISCUSSION AND ADOPTION OF CONCLUSIONS AND RECOMMENDATIONS

## CLOSING SESSION

17:00-17:30

### **CLOSING REMARKS**

MS. SUZANA KAHN RIBERO, PROFESSOR, TRANSPORT ENGINEERING PROGRAMME, COPPE UFRJ, AND LEAD AUTHOR OF CHAPTER 5 (TRANSPORT) IN FOURTH ASSESSMENT REPORT, INTERNATIONAL PANEL ON CLIMATE CHANGE (IPCC)

MS. KATHLEEN ABDALLA, CHIEF, EMERGING ISSUES BRANCH, DIVISION FOR SUSTAINABLE DEVELOPMENT, UNITED NATIONS DESA, NEW YORK