# United Nations Forum on Climate Change Mitigation, Fuel Efficiency and Sustainable Urban Transport

16-17 March 2010 Korea Press Center Seoul, Republic of Korea

# **Programme**

# Hosted by:

Ministry of Knowledge Economy (MKE), Republic of Korea Ministry of Land, Transport and Maritime Affairs, Republic of Korea Korean Energy Management Corporation (KEMCO)

Organized by:

Korea Energy Economics Institute (KEEI)

Korea Transport Institute (KOTI)

United Nations Department of Economic and Social Affairs (DESA)

In collaboration with:

United Nations Centre for Regional Development (UNCRD)
Sustainable Low Carbon Transport Partnership Council (SLOCAT)





### Invitation

United Nations Forum on Climate Change Mitigation, Fuel Economy and Sustainable Development of Urban Transport

16-17 March 2010 Korea Press Center, Seoul, Republic of Korea

The transport sector is emerging as the fastest growing source of energy-related greenhouse gas (GHG) emissions, accounting for more than 23 per cent of those emissions in 2006. Road transport accounts for three-quarters of all transport GHG emissions. The continuing expansion of motor vehicle use also causes other emissions harmful to human health, including lead, total suspended particulates, nitrogen oxides, ground level ozone, carbon monoxide and volatile organic compounds.

Against this backdrop, the United Nations Department of Economic and Social Affairs (UNDESA) and the Korea Energy Economics Institute (KEEI) are co-organizing an expert-level UN Forum on Climate Change Mitigation, Fuel Economy and Sustainable Development of Urban Transport which seeks to provide a platform for wider information and experience sharing, in particular for the benefit of experts from developing countries. With support provided by the Ministry of Knowledge Economy (MKE), and the Korean Energy Management Corporation (KEMCO), the meeting will bring together government officials, and experts on transport, the environment and related subjects, as well as representatives of international organizations, financial institutions, industry, academia and other stakeholders.

The technical presentations discussed at the Forum will provide background information for the eighteenth session of the Commission on Sustainable Development (CSD), to be held in New York in May 2010.

We look forward to welcoming you in Seoul.

Mr. Sha Zukang Under-Secretary-General for Economic

and Social Affairs

Mr. BANG Ki-Yual President Korean Energy Economics Institue

# MONDAY, 15 MARCH 2010 **ASSOCIATED AFTERNOON SIDE EVENT**

"SUK RYU" ON THE 19TH FLOOR IN THE KOREAN PRESS CENTER BUILDING 3:00 TO 6:00 PM

MEETING OF SUSTAINABLE LOW CARBON TRANSPORT PARTNERSHIP COUNCIL (SLOCAT)

#### [INTENDED FOR SLOCAT MEMBERS]

PREPARATIONS AND PLANNING FOR SLOCAT PARTICIPATION AT CSD 18

#### **REVIEW OF THE MEMBERS SURVEY AND IMPLICATIONS ON THE WORKPLAN**

MR. CORNIE HUIZENGA, BOARD MEMBER OF CLEAN AIR INITIATIVE FOR ASIAN CITIES (CAI-ASIA) CO-CHAIRS:

and Mr. Thomas Hamlin, Adviser, division for sustainable development, undesa;

JOINT-CONVENERS, SUSTAINABLE LOW CARBON TRANSPORT (SLOCAT) PARTNERSHIP

# TUESDAY, 16 MARCH 2010

#### TECHNICAL AND POLICY OPTIONS FOR ENHANCING URBAN PUBLIC TRANSPORT

9:00-9	:30 <b>Registration</b>				
OPENING SESSION					
9:30-10	O:15 OPENING STATEMENTS	MR. BANG KI-YUAL, PRESIDENT, KOREAN ENERGY ECONOMICS INSTITUTE (KEEI), REPUBLIC OF KOREA			
		MR. TARIQ BANURI, DIRECTOR, DIVISION FOR SUSTAINABLE DEVELOPMENT, UNDESA			
	WELCOME MESSAGES	MR. KANG, NAM-HOON, DIRECTOR GENERAL FOR ENERGY POLICY, MINISTRY OF KNOWLEDGE ECONOMY (MKE), REPUBLIC OF KOREA			
		MR. YEO, HYUNG-KOO, DIRECTOR-GENERAL FOR COMPREHENSIVE			

MARITIME AFFAIRS, REPUBLIC OF KOREA

H.E. DR. LUIS ALBERTO FERRATE FELICE, MINISTER OF THE ENVIRONMENT AND NATURAL RESOURCES, GUATEMALA; CHAIRMAN OF UNITED NATIONS COMMISSION ON SUSTAINABLE

DEVELOPMENT [CSD18]

10:15-10:45 **KEYNOTE ADDRESS** A CONVENIENT TRUTH: PERSPECTIVES FOR REDUCING **RESOURCE USE IN URBAN TRANSPORT** 

PROF. ERNST ULRICH VON WEIZSÄCKER, LEAD AUTHOR OF

"FACTOR V", GERMANY AND MR. KARLSON HARGROVES, EXECUTIVE DIRECTOR, THE NATURAL EDGE PROJECT, AUSTRALIA

10:45-11:00 **COFFEE BREAK** 

SESSION I	TRENDS AND ISSUES IN DEVELOPMENT OF URBAN PUBLIC TRANSPORT  CO-CHAIRS: H.E. DR. LUIS ALBERTO FERRATE FELICE, MINISTER OF THE ENVIRONMENT AND  NATURAL RESOURCES, GUATEMALA; CHAIRMAN OF UNITED NATIONS  COMMISSION ON SUSTAINABLE DEVELOPMENT [CSD18]; AND MR. TARIQ  BANURI, DIRECTOR, DIVISION FOR SUSTAINABLE DEVELOPMENT, UNDESA		
11:00-11:15	RESHAPING TRANSPORT SYSTEM FOR GREEN GROWTH IN REPUBLIC OF KOREA MR. HAN SANGJIN, DIRECTOR OF CENTRE FOR CLIMATE CHANGE RESPONSE, KOREA TRANSPORT INSTITUTE, REPUBLIC OF KOREA		
11:15-11:30	ASSESSING THE MULTIPLE CO-BENEFITS OF URBAN PUBLIC TRANSPORT  MR. JORGE ANDRES MACIAS MORA, ENVIRONMENT CONSULTANT, CENTER FOR SUSTAINABLE TRANSPORT, MEXICO		
11:30-11:45	POLICY OPTIONS FOR PUBLIC TRANSPORT DEVELOPMENT IN CHINESE CITIES  MR. LI HUA QIANG, VICE DEPARTMENT CHIEF, DEPARTMENT OF ROAD TRANSPORT, MINISTRY OF TRANSPORT (MOT) AND MR. GUO JINYI, SENIOR RESEARCHER, CHINA URBAN SUSTAINABLE TRANSPORT RESEARCH CENTER (CUSTREC), CHINA		
11:45-12:00	DEVELOPMENT OF URBAN PUBLIC TRANSPORT INFRASTRUCTURE AND SERVICES IN INDIA: INITIATIVES, CHALLENGES AND POTENTIALS FOR INTERNATIONAL COOPERATION  MR. SANJEEV KUMAR LOHIA, OSD (URBAN TRANSPORT) AND E.O. JOINT SECRETARY, MINISTRY OF URBAN DEVELOPMENT, INDIA		
12:00-12:30	QUESTIONS & ANSWERS; GENERAL DISCUSSION		
12:30-14:00	LUNCH BREAK		
SESSION II	NATIONAL EXPERIENCES AND CASE STUDIES IN EXPANDING URBAN PUBLIC TRANSPORT SERVICES FOR SUSTAINABLE DEVELOPMENT		
	CO-CHAIRS: MR. CORNIE HUIZENGA, BOARD MEMBER OF CLEAN AIR INITIATIVE FOR ASIAN CITIES (CAI-ASIA) AND CONVENER, SUSTAINABLE LOW CARBON TRANSPORT (SLOCAT) PARTNERSHIP AND MS. HEATHER ALLEN, SENIOR MANAGER SUSTAINABLE DEVELOPMENT, UITP		
14:00-14:15	BUS RAPID TRANSIT: SELECTED CASE STUDIES AND PROJECTS IN AFRICA  MR. LLOYD WRIGHT, EXECUTIVE DIRECTOR, VIVA CITIES, SOUTH AFRICA; CONSULTANT TO  UNCRD		
14:15-14:30	THE BUS RAPID TRANSIT SYSTEM OF LAGOS, NIGERIA  MR. OLUTAYO OREKOYA, DIRECTOR, CORPORATE AND INVESTMENT PLANNING, LAGOS  METROPOLITAN AREA TRANSPORT AUTHORITY, NIGERIA		
14:30-14:45	SUSTAINABE TRANSPORT PROJECT FOR EGYPT  MR. MOHAMED FATHY FARAG ALI, PROJECT MANAGER FOR THE SUSTAINABLE TRANSPORT  PROJECT FUNDED BY UNDP/GEF, EGYPTIAN ENVIRONMENTAL AFFAIRS AGENCY (EEAA),  MINISTRY OF ENVIRONMENT, CAIRO, EGYPT		
14:45-15:00	urban Public transport System in Jakarta Ms. Daryati Asrining Rini, head, TransJakarta Management Body, jakarta, indonesia		
15:00-15:15	URBAN PUBLIC TRANSPORT PLANNING IN TEHRAN AND THE OUTCOME OF THE IMPLEMENTED BRT-LINES  MR. SEYED MEHDI TASHAKKORI HASHEMI, SENIOR ADVISOR TO MAYOR OF TEHRAN; PROFESSOR, AMIRKABIR UNIVERSITY OF TECHNOLOGY, ISLAMIC REPUBLIC OF IRAN		

15:30-15:45  QUESTIONS & ANSWERS; DISCUSSION  15:45-16:00  COFFEE BREAK  SESSION III  ROUNDTABLE DISCUSSION: NEW WAYS TO FINANCE PUBLIC TRANSPORT PROJECTS/SYSTEMS OF DEVELOPING COUNTRIES  COCHAIRS: MR. JAMES LEATHER, SENIOR TRANSPORT SPECIALIST, ASIAN DEVELOPMENT BANK (ADB), PHILIPPINES AND MR. LAM SOI HIO, TECHNICAL CONSULTANT, TRANSPORTATION INFRASTRUCTURE OFFICE, CHINA, MACAO S.A.R.  16:00-16:15  URBAN TRANSPORT IN DEVELOPING CITIES: CHALLENGES, STRATEGIES AND EXAMPLES MR. PETER O'NEILL, LEAD INFRASTRUCTURE SPECIALIST, WORLD BANK  16:15-16:30  HOW BANKS LOOK AT BRT PROJECTS (AND WHAT CITIES CAN LEARN FROM THEM) MR. GRAHAM SMITH, DIRECTOR, HSBC PROJECT AND EXPORT FINANCE, UNITED KINGDOM  SHARED RESPONSIBILITIES IN PUBLIC TRANSPORT BETWEEN AUTHORITIES AND OPERATORS  MR. MICHAEL PELLOT, DIRECTOR OF RESEARCH AND DEVELOPMENT AND INTERNATIONAL AFFAIRS TRANSPORTATION, TRANSPORTS METROPOLITANS DE BARCELONA (TMB), SPAIN  16:45-17:00  MR. OSAMU MIZUNO, SENIOR PROGRAM MANAGER, CLIMATE CHANGE MITIGATION, GLOBAL ENVIRONMENT FACILITY (GEF)  17:00-17:15  THE ROAD FROM COPENHAGEN: OPTIONS FOR PROMOTING INVESTMENT IN SUSTAINABLE URBAN TRANSPORT  MR. DANIEL BONGARDT, TRANSPORT ADVISOR, SUTP PROJECT DIRECTOR, GERMAN TECHNICAL COOPERATION AGENCY (GIZ)  17:15-17:30  CLIMATE-BASED FINANCING MECHANISMS IN PRACTICE: URBAN TRANSPORT GHG MITIGATION  MS. HOLLY KRAMBECK, CARBON FINANCE UNIT, WORLD BANK  MODERATED DISCUSSION ON INNOVATIVE SOURCES OF FUNDING	15:15-15:30	NATIONAL EXPERIENCES IN EXPANDING URBAN PUBLIC TRANSPORT SERVICES: BRTS IN BOGOTA, CALI AND PEREIRA, CABLE CARS IN MEDELLIN  MS. SANDRA LOPEZ, ADVISOR, CLIMATE CHANGE MITIGATION GROUP, MINISTRY OF ENVIRONMENT, HOUSING AND TERRITORIAL PLANNING, REPUBLIC OF COLOMBIA	
SESSION III  ROUNDTABLE DISCUSSION: NEW WAYS TO FINANCE PUBLIC TRANSPORT PROJECTS/SYSTEMS OF DEVELOPING COUNTRIES  COCHAIRS: MR. JAMES LEATHER, SENIOR TRANSPORT SPECIALIST, ASIAN DEVELOPMENT BANK (ADB), PHILIPPINES AND MR. LAM SOI HIO, TECHNICAL CONSULTANT, TRANSPORTATION INFRASTRUCTURE OFFICE, CHINA, MACAO S.A.R.  16:00-16:15  URBAN TRANSPORT IN DEVELOPING CITIES: CHALLENGES, STRATEGIES AND EXAMPLES MR. PETER O'NEILL, LEAD INFRASTRUCTURE SPECIALIST, WORLD BANK  16:15-16:30  HOW BANKS LOOK AT BRT PROJECTS (AND WHAT CITIES CAN LEARN FROM THEM) MR. GRAHAM SMITH, DIRECTOR, HSBC PROJECT AND EXPORT FINANCE, UNITED KINGDOM  16:30-16:45  SHARED RESPONSIBILITIES IN PUBLIC TRANSPORT BETWEEN AUTHORITIES AND OPERATORS MR. MICHAEL PELLOT, DIRECTOR OF RESEARCH AND DEVELOPMENT AND INTERNATIONAL AFFAIRS TRANSPORTATION, TRANSPORTS METROPOLITANS DE BARCELONA (TMB), SPAIN INVESTING IN SUSTAINABLE URBAN TRANSPORT (GEF'S EXPERIENCE)  MR. OSAMU MIZUNO, SENIOR PROGRAM MANAGER, CLIMATE CHANGE MITIGATION, GLOBAL ENVIRONMENT FACILITY (GEF)  17:00-17:15  THE ROAD FROM COPENHAGEN: OPTIONS FOR PROMOTING INVESTMENT IN SUSTAINABLE URBAN TRANSPORT MR. DANIEL BONGARDT, TRANSPORT ADVISOR, SUTP PROJECT DIRECTOR, GERMAN TECHNICAL COOPERATION AGENCY (GTZ)  CLIMATE-BASED FINANCING MECHANISMS IN PRACTICE: URBAN TRANSPORT GHG MITIGATION MS. HOLLY KRAMBECK, CARBON FINANCE UNIT, WORLD BANK	15:30-15:45	QUESTIONS & ANSWERS; DISCUSSION	
PROJECTS/SYSTEMS OF DEVELOPING COUNTRIES  COCHAIRS: MR. JAMES LEATHER, SENIOR TRANSPORT SPECIALIST, ASIAN DEVELOPMENT BANK (ADB), PHILIPPINES AND MR. LAM SOI HIO, TECHNICAL CONSULTANT, TRANSPORTATION INFRASTRUCTURE OFFICE, CHINA, MACAO S.A.R.  16:00-16:15  URBAN TRANSPORT IN DEVELOPING CITIES: CHALLENGES, STRATEGIES AND EXAMPLES MR. PETER O'NEILL, LEAD INFRASTRUCTURE SPECIALIST, WORLD BANK  16:15-16:30  HOW BANKS LOOK AT BRT PROJECTS (AND WHAT CITIES CAN LEARN FROM THEM) MR. GRAHAM SMITH, DIRECTOR, HSBC PROJECT AND EXPORT FINANCE, UNITED KINGDOM  16:30-16:45  SHARED RESPONSIBILITIES IN PUBLIC TRANSPORT BETWEEN AUTHORITIES AND OPERATORS MR. MICHAEL PELLOT, DIRECTOR OF RESEARCH AND DEVELOPMENT AND INTERNATIONAL AFFAIRS TRANSPORTATION, TRANSPORTS METROPOLITANS DE BARCELONA (TMB), SPAIN  16:45-17:00  INVESTING IN SUSTAINABLE URBAN TRANSPORT (GEF'S EXPERIENCE) MR. OSAMU MIZUNO, SENIOR PROGRAM MANAGER, CLIMATE CHANGE MITIGATION, GLOBAL ENVIRONMENT FACILITY (GEF)  17:00-17:15  THE ROAD FROM COPENHAGEN: OPTIONS FOR PROMOTING INVESTMENT IN SUSTAINABLE URBAN TRANSPORT MR. DANIEL BONGARDT, TRANSPORT ADVISOR, SUTP PROJECT DIRECTOR, GERMAN TECHNICAL COOPERATION AGENCY (GTZ)  CLIMATE-BASED FINANCING MECHANISMS IN PRACTICE: URBAN TRANSPORT GHG MITIGATION MS. HOLLY KRAMBECK, CARBON FINANCE UNIT, WORLD BANK	15:45-16:00	COFFEE BREAK	
COCHAIRS: MR. JAMES LEATHER, SENIOR TRANSPORT SPECIALIST, ASIAN DEVELOPMENT BANK (ADB), PHILIPPINES AND MR. LAM SOI HIO, TECHNICAL CONSULTANT, TRANSPORTATION INFRASTRUCTURE OFFICE, CHINA, MACAO S.A.R.  16:00-16:15  URBAN TRANSPORT IN DEVELOPING CITIES: CHALLENGES, STRATEGIES AND EXAMPLES MR. PETER O'NEILL, LEAD INFRASTRUCTURE SPECIALIST, WORLD BANK  16:15-16:30  HOW BANKS LOOK AT BRT PROJECTS (AND WHAT CITIES CAN LEARN FROM THEM) MR. GRAHAM SMITH, DIRECTOR, HSBC PROJECT AND EXPORT FINANCE, UNITED KINGDOM  16:30-16:45  SHARED RESPONSIBILITIES IN PUBLIC TRANSPORT BETWEEN AUTHORITIES AND OPERATORS MR. MICHAEL PELLOT, DIRECTOR OF RESEARCH AND DEVELOPMENT AND INTERNATIONAL AFFAIRS TRANSPORTATION, TRANSPORTS METROPOLITANS DE BARCELONA (TMB), SPAIN  16:45-17:00  INVESTING IN SUSTAINABLE URBAN TRANSPORT (GEF'S EXPERIENCE) MR. OSAMU MIZUNO, SENIOR PROGRAM MANAGER, CLIMATE CHANGE MITIGATION, GLOBAL ENVIRONMENT FACILITY (GEF)  17:00-17:15  THE ROAD FROM COPENHAGEN: OPTIONS FOR PROMOTING INVESTMENT IN SUSTAINABLE URBAN TRANSPORT MR. DANIEL BONGARDT, TRANSPORT ADVISOR, SUTP PROJECT DIRECTOR, GERMAN TECHNICAL COOPERATION AGENCY (GTZ)  17:15-17:30  CLIMATE-BASED FINANCING MECHANISMS IN PRACTICE: URBAN TRANSPORT GHG MITIGATION MS. HOLLY KRAMBECK, CARBON FINANCE UNIT, WORLD BANK	SESSION III ROUNDTABLE DISCUSSION: NEW WAYS TO FINANCE PUBLIC TRAIT		
BANK (ADB), PHILIPPINES AND MR. LAM SOI HIO, TECHNICAL CONSULTANT, TRANSPORTATION INFRASTRUCTURE OFFICE, CHINA, MACAO S.A.R.  16:00-16:15  URBAN TRANSPORT IN DEVELOPING CITIES: CHALLENGES, STRATEGIES AND EXAMPLES MR. PETER O'NEILL, LEAD INFRASTRUCTURE SPECIALIST, WORLD BANK  16:15-16:30  HOW BANKS LOOK AT BRT PROJECTS (AND WHAT CITIES CAN LEARN FROM THEM) MR. GRAHAM SMITH, DIRECTOR, HSBC PROJECT AND EXPORT FINANCE, UNITED KINGDOM  16:30-16:45  SHARED RESPONSIBILITIES IN PUBLIC TRANSPORT BETWEEN AUTHORITIES AND OPERATORS MR. MICHAEL PELLOT, DIRECTOR OF RESEARCH AND DEVELOPMENT AND INTERNATIONAL AFFAIRS TRANSPORTATION, TRANSPORTS METROPOLITANS DE BARCELONA (TMB), SPAIN  16:45-17:00  INVESTING IN SUSTAINABLE URBAN TRANSPORT (GEF'S EXPERIENCE) MR. OSAMU MIZUNO, SENIOR PROGRAM MANAGER, CLIMATE CHANGE MITIGATION, GLOBAL ENVIRONMENT FACILITY (GEF)  17:00-17:15  THE ROAD FROM COPENHAGEN: OPTIONS FOR PROMOTING INVESTMENT IN SUSTAINABLE URBAN TRANSPORT MR. DANIEL BONGARDT, TRANSPORT ADVISOR, SUTP PROJECT DIRECTOR, GERMAN TECHNICAL COOPERATION AGENCY (GTZ)  CLIMATE-BASED FINANCING MECHANISMS IN PRACTICE: URBAN TRANSPORT GHG MITIGATION MS. HOLLY KRAMBECK, CARBON FINANCE UNIT, WORLD BANK		PROJECTS/SYSTEMS OF DEVELOPING COUNTRIES	
16:15-16:30  HOW BANKS LOOK AT BRT PROJECTS (AND WHAT CITIES CAN LEARN FROM THEM) MR. GRAHAM SMITH, DIRECTOR, HSBC PROJECT AND EXPORT FINANCE, UNITED KINGDOM  16:30-16:45  SHARED RESPONSIBILITIES IN PUBLIC TRANSPORT BETWEEN AUTHORITIES AND OPERATORS MR. MICHAEL PELLOT, DIRECTOR OF RESEARCH AND DEVELOPMENT AND INTERNATIONAL AFFAIRS TRANSPORTATION, TRANSPORTS METROPOLITANS DE BARCELONA (TMB), SPAIN  16:45-17:00  INVESTING IN SUSTAINABLE URBAN TRANSPORT (GEF'S EXPERIENCE) MR. OSAMU MIZUNO, SENIOR PROGRAM MANAGER, CLIMATE CHANGE MITIGATION, GLOBAL ENVIRONMENT FACILITY (GEF)  17:00-17:15  THE ROAD FROM COPENHAGEN: OPTIONS FOR PROMOTING INVESTMENT IN SUSTAINABLE URBAN TRANSPORT MR. DANIEL BONGARDT, TRANSPORT ADVISOR, SUTP PROJECT DIRECTOR, GERMAN TECHNICAL COOPERATION AGENCY (GTZ)  17:15-17:30  CLIMATE-BASED FINANCING MECHANISMS IN PRACTICE: URBAN TRANSPORT GHG MITIGATION MS. HOLLY KRAMBECK, CARBON FINANCE UNIT, WORLD BANK		Bank (adb), philippines and mr. lam soi hio, technical consultant,	
MR. GRAHAM SMITH, DIRECTOR, HSBC PROJECT AND EXPORT FINANCE, UNITED KINGDOM  16:30-16:45  SHARED RESPONSIBILITIES IN PUBLIC TRANSPORT BETWEEN AUTHORITIES AND OPERATORS  MR. MICHAEL PELLOT, DIRECTOR OF RESEARCH AND DEVELOPMENT AND INTERNATIONAL AFFAIRS TRANSPORTATION, TRANSPORTS METROPOLITANS DE BARCELONA (TMB), SPAIN  16:45-17:00  INVESTING IN SUSTAINABLE URBAN TRANSPORT (GEF'S EXPERIENCE)  MR. OSAMU MIZUNO, SENIOR PROGRAM MANAGER, CLIMATE CHANGE MITIGATION, GLOBAL ENVIRONMENT FACILITY (GEF)  17:00-17:15  THE ROAD FROM COPENHAGEN: OPTIONS FOR PROMOTING INVESTMENT IN SUSTAINABLE URBAN TRANSPORT MR. DANIEL BONGARDT, TRANSPORT ADVISOR, SUTP PROJECT DIRECTOR, GERMAN TECHNICAL COOPERATION AGENCY (GTZ)  17:15-17:30  CLIMATE-BASED FINANCING MECHANISMS IN PRACTICE: URBAN TRANSPORT GHG MITIGATION  MS. HOLLY KRAMBECK, CARBON FINANCE UNIT, WORLD BANK	16:00-16:15	•	
OPERATORS  MR. MICHAEL PELLOT, DIRECTOR OF RESEARCH AND DEVELOPMENT AND INTERNATIONAL AFFAIRS TRANSPORTATION, TRANSPORTS METROPOLITANS DE BARCELONA (TMB), SPAIN  16:45-17:00  INVESTING IN SUSTAINABLE URBAN TRANSPORT (GEF'S EXPERIENCE)  MR. OSAMU MIZUNO, SENIOR PROGRAM MANAGER, CLIMATE CHANGE MITIGATION,  GLOBAL ENVIRONMENT FACILITY (GEF)  17:00-17:15  THE ROAD FROM COPENHAGEN: OPTIONS FOR PROMOTING INVESTMENT IN  SUSTAINABLE URBAN TRANSPORT  MR. DANIEL BONGARDT, TRANSPORT ADVISOR, SUTP PROJECT DIRECTOR, GERMAN TECHNICAL  COOPERATION AGENCY (GTZ)  17:15-17:30  CLIMATE-BASED FINANCING MECHANISMS IN PRACTICE: URBAN TRANSPORT GHG  MITIGATION  MS. HOLLY KRAMBECK, CARBON FINANCE UNIT, WORLD BANK	16:15-16:30	·	
MR. MICHAEL PELLOT, DIRECTOR OF RESEARCH AND DEVELOPMENT AND INTERNATIONAL AFFAIRS TRANSPORTATION, TRANSPORTS METROPOLITANS DE BARCELONA (TMB), SPAIN  16:45-17:00  INVESTING IN SUSTAINABLE URBAN TRANSPORT (GEF'S EXPERIENCE) MR. OSAMU MIZUNO, SENIOR PROGRAM MANAGER, CLIMATE CHANGE MITIGATION, GLOBAL ENVIRONMENT FACILITY (GEF)  17:00-17:15  THE ROAD FROM COPENHAGEN: OPTIONS FOR PROMOTING INVESTMENT IN SUSTAINABLE URBAN TRANSPORT MR. DANIEL BONGARDT, TRANSPORT ADVISOR, SUTP PROJECT DIRECTOR, GERMAN TECHNICAL COOPERATION AGENCY (GTZ)  17:15-17:30  CLIMATE-BASED FINANCING MECHANISMS IN PRACTICE: URBAN TRANSPORT GHG MITIGATION MS. HOLLY KRAMBECK, CARBON FINANCE UNIT, WORLD BANK	16:30-16:45		
MR. OSAMU MIZUNO, SENIOR PROGRAM MANAGER, CLIMATE CHANGE MITIGATION, GLOBAL ENVIRONMENT FACILITY (GEF)  17:00-17:15  THE ROAD FROM COPENHAGEN: OPTIONS FOR PROMOTING INVESTMENT IN SUSTAINABLE URBAN TRANSPORT MR. DANIEL BONGARDT, TRANSPORT ADVISOR, SUTP PROJECT DIRECTOR, GERMAN TECHNICAL COOPERATION AGENCY (GTZ)  17:15-17:30  CLIMATE-BASED FINANCING MECHANISMS IN PRACTICE: URBAN TRANSPORT GHG MITIGATION MS. HOLLY KRAMBECK, CARBON FINANCE UNIT, WORLD BANK		MR. MICHAEL PELLOT, DIRECTOR OF RESEARCH AND DEVELOPMENT AND INTERNATIONAL	
SUSTAINABLE URBAN TRANSPORT  MR. DANIEL BONGARDT, TRANSPORT ADVISOR, SUTP PROJECT DIRECTOR, GERMAN TECHNICAL COOPERATION AGENCY (GTZ)  17:15-17:30  CLIMATE-BASED FINANCING MECHANISMS IN PRACTICE: URBAN TRANSPORT GHG MITIGATION  MS. HOLLY KRAMBECK, CARBON FINANCE UNIT, WORLD BANK	16:45-17:00	Mr. Osamu Mizuno, senior program manager, climate change mitigation,	
MR. DANIEL BONGARDT, TRANSPORT ADVISOR, SUTP PROJECT DIRECTOR, GERMAN TECHNICAL COOPERATION AGENCY (GTZ)  17:15-17:30  CLIMATE-BASED FINANCING MECHANISMS IN PRACTICE: URBAN TRANSPORT GHG MITIGATION  MS. HOLLY KRAMBECK, CARBON FINANCE UNIT, WORLD BANK	17:00-17:15		
MITIGATION  MS. HOLLY KRAMBECK, CARBON FINANCE UNIT, WORLD BANK		MR. DANIEL BONGARDT, TRANSPORT ADVISOR, SUTP PROJECT DIRECTOR, GERMAN TECHNICAL	
	17:15-17:30	MITIGATION	
	17:30-17:50		

# THE ROLE OF CITIES IN SUSTAINABLE URBAN TRANSPORT DEVELOPMENT

ASSOCIATED SPECIAL EVENT OF ASIAN MAYORS ON THE SIGNING OF THE KYOTO DECLARATION ON THE PROMOTION OF ENVIRONMENTALLY SUSTAINABLE TRANSPORT (EST) IN CITIES

#### organized by:

United Nations Centre for Regional Development (UNCRD) with the support of:

Ministry of Environment, Government of Japan

#### PROVISIONAL PROGRAMME

(18:00-19:00)

#### **WELCOME REMARKS AND STATEMENTS**

H.E. DR. LUIS ALBERTO FERRATE FELICE, MINISTER OF THE ENVIRONMENT AND NATURAL RESOURCES, GUATEMALA; CHAIRMAN OF UNITED NATIONS COMMISSION ON SUSTAINABLE DEVELOPMENT [CSD18]

MR. OSAMI SAGISAKA, DIRECTOR GENERAL, ENVIRONMENTAL TRANSPORT POLICY DIVISION, ENVIRONMENTAL MANAGEMENT BUREAU, MINISTRY OF THE ENVIRONMENT, GOVERNMENT OF JAPAN

ASIAN ENVIRONMENTALLY SUSTAINABLE TRANSPORT (EST) INITIATIVE, INTEGRATED STRATEGY AND KYOTO DECLARATION ON THE PROMOTION OF ENVIRONMENTALLY SUSTAINABLE TRANSPORT IN CITIES

MR. KAZUNOBU ONOGAWA, DIRECTOR, UNITED NATIONS CENTRE FOR REGIONAL DEVELOPMENT (UNCRD)

#### CLIMATE CHANGE AND ECO-FRIENDLY TRANSPORTATION POLICY

MR. KANG JONG-PIL, DIRECTOR GENERAL OF CLIMATE CHANGE BUREAU, SEOUL METROPOLITAN GOVERNMENT

#### CITY TRANSFORMATIONS: MAKING IT HAPPEN

MR. LLOYD WRIGHT, EXECUTIVE DIRECTOR, VIVA AND EXPERT MEMBER OF THE REGIONAL EST FORUM

SIGNING OF THE "KYOTO DECLARATION ON THE PROMOTION OF ENVIRONMENTALLY SUSTAINABLE TRANSPORT IN CITIES" BY MAYORS OF ASIAN CITIES

# THE ROLE OF CITIES IN SUSTAINABLE URBAN TRANSPORT DEVELOPMENT

#### PARTICIPATING CITY MAYORS AND THEIR REPRESENTATIVES

AHMEDABAD, INDIA MR. KANAJI THAKOR

HON. MAYOR OF AHMEDABAD MUNICIPAL

CORPORATION

BANJARMASIN, INDONESIA MR. H.A. YUDHI WAHYUNI

HON. MAYOR OF BANJARMASIN CITY

SURAKARTA (SOLO), INDONESIA MR. JOKO WIDODO

HON, MAYOR OF SURAKARTA CITY

TANGERANG, INDONESIA MR. H. WAHIDIN HALIM

HON. MAYOR OF TANGERANG CITY

PENANG, MALAYSIA MR. CHOW KON YEOW

HON. STATE MINISTER OF PENANG STATE

ISLAMABAD, PAKISTAN MR. SHAHID SOHAIL

DIRECTOR, CAPITAL DEVELOPMENT AUTHORITY

CHUNCHEON, REPUBLIC OF KOREA MR. YOO SUNG-CHUN

VICE MAYOR OF CHUNCHEON CITY

DONGHAE, REPUBLIC OF KOREA MR. KIM HAK-GI

HON, MAYOR OF DONGHAE CITY

KANDY, SRI LANKA MR. KALIPAHANA LIYANAGE S. WICKRAMASINGHE

HON, MAYOR OF KANDY CITY

CHIANG MAI, THAILAND MR. TASSANAI BURANUPAKORN

HON. MAYOR OF CHIANG MAI CITY

**RECEPTION** (19:00-21:00)

# WEDNESDAY, 17 MARCH 2010

# **CURBING GROWTH OF GHG EMISSIONS FROM PRIVATE MOTOR VEHICLES**

CURBING GROWTH OF GHG EMISSIONS FROM PRIVATE MOTOR VEHICLES					
8:30-9:30	Registration				
SESSION IV	TECHNOLOG	GICAL PROGRESS IN MOTOR VEHICLE TECHNOLOGY			
	CO-CHAIRS:	MR. SHIM SANG-YUL, MANAGING DIRECTOR, GREEN GROWTH RESEARCH GROUP OF KOREAN ENERGY ECONOMICS INSTITUTE (KEEI), REPUBLIC OF KOREA AND MR. OH DAEGYUN, DIRECTOR, KOREAN ENERGY MANAGEMENT CORPORATION (KEMCO), REPUBLIC OF KOREA			
9:30-09:45	OPPORTUNITIES	AND CHALLENGES FOR FUEL AND EMISSION REDUCTIONS IN TRUCKS IN			
	MANILA, THE PHI	TE, EXECUTIVE DIRECTOR, CLEAN AIR INITIATIVE FOR ASIAN CITIES (CAI-ASIA), LIPPINES AND MR. CORNIE HUIZENGA, BOARD MEMBER OF CLEAN AIR INITIATIVE S (CAI-ASIA) AND CONVENER, SUSTAINABLE LOW CARBON TRANSPORT			
09:45-10:00	REDUCING THE	CLIMATE IMPACTS OF MOBILE AIR CONDITIONING			
	mr. akira sekiya Technology, .	a, national institute of advanced Industrial Science and iapan			
10:00-10:15	ENABLING E-M ELECTRIC VEHIC	OBILITY: OVERVIEW ON BATTERY TECHNOLOGY DEVELOPMENT FOR CLES			
	MR. OH JEON-KE	eun, team leader, battery business unit, sk energy, Republic of Korea			
10:15-10:30	PORTUGUESE ELECTRIC MOBILITY PROGRAM  MS. FRANCISCA DUARTE PACHECO, CONSULTANT, LISSABON, PORTUGAL				
10:30-10:45	QUESTIONS &	ANSWERS; DISCUSSION			
10:45-11:00	COFFEE BREAK				
SESSION V	INNOVATIVE	BUSINESS MODELS FOR GREEN GROWTH			
	CO-CHAIRS:	MR. ADRIAN BRADBROOK, PROFESSOR, ADELAIDE UNIVERSITY, AUSTRALIA AND MR. YOUNG-WOO PARK, REGIONAL DIRECTOR; REPRESENTATIVE FOR ASIA & PACIFIC, UNEP			
11:00-11:15	MS. ROBIN CHAS	E: WHAT WORKS, WHAT HINDERS AND HOW TECHNOLOGY CAN HELP  E, CO-FOUNDER OF ZIP-CAR AND FOUNDER OF GOLOCO, USA (VIA VIDEO-  [FACILITATOR: MS. JULIE RITZ, ASSOCIATE ECONOMICS AFFAIRS OFFICER,  STAINABLE DEVELOPMENT, UNDESA]			
11:15-11:30		JSINESS MODELS IN OFFSETTING EMISSIONS FROM PRIVATE MOTOR CASE OF ARKTIK- A SYSTEM INNOVATION FOR SUSTAINABLE MOBILITY IN			
		e, institute for technology and innovation Management, Hamburg echnology and co-founder of arktik gmbh, germany			
11:30-12:00	QUESTIONS &	ANSWERS; DISCUSSION			
	GOOD PRACTIC	TO COMPENDIUM OF SUSTAINABLE TRANSPORT CASE STUDIES AND CES HEE, CONSULTANT, UNDESA			
12:00-14:00	LUNCH BREAK				

SESSION VI	POLICY OPT	IONS FOR PROMOTION OF FUEL EFFICIENT CARS		
	CO-CHAIRS:	MR. JUNG YONG-HUN, MANAGING DIRECTOR, ENERGY POLICY RESEARCH GROUP, KOREA ENERGY ECONOMICS INSTITUTE (KEEI), REPUBLIC OF KOREA AND MR. RALPH WAHNSCHAFFT, SENIOR ECONOMIC AFFAIRS OFFICER, DIVISION FOR SUSTAINABLE DEVELOPMENT, UNDESA		
14:00-14:15	INTERNATIONAL EXPERIENCE WITH GREENHOUSE GAS AND FUEL ECONOMY STANDARDS MR. DREW KODJAK, EXECUTIVE DIRECTOR, INTERNATIONAL COUNCIL ON CLEAN TRANSPORTATION (ICCT), WASHINGTON D.C., USA			
14:15-14:30	PROMOTION OF FUEL EFFICIENT VEHICLES IN REPUBLIC OF KOREA  MR. ROH KEON KI, DIRECTOR, ENERGY COOPERATION DIVISION, MINISTRY OF KNOWLEDGE ECONOMY (MKE), REPUBLIC OF KOREA			
14:30-14:45	CAN A GASOLINE TAX REDUCE CARBON EMISSIONS?  MR. KIM YOUNG-DUK (PUSAN NATIONAL UNIVERSITY), MS. HAN HYUN-OK (PUSAN NATIONAL UNIVERSITY) AND MR. MOON YOUNG SEOK (KOREA ENERGY ECONOMICS INSTITUTE), REPUBLIC OF KOREA			
14:45-15:00	OVERVIEW ON FISCAL POLICY OPTIONS TO PROMOTE SUSTAINABLE TRANSPORT MR. ADRIAN BRADBROOK, PROFESSOR, ADELAIDE UNIVERSITY, AUSTRALIA			
15:00-15:15	END-OF-LIFE VEHICLE RECYCLING: JAPAN'S AUTOMOTIVE RECYCLING LAW MR. TAKASHI GUNJIMA, PRESIDENT AND MR. OHKI, SENIOR MANAGING DIRECTOR, JAPAN AUTOMOBILE RECYCLING PROMOTION CENTER, JAPAN			
15:15-15:30	QUESTIONS &	ANSWERS; DISCUSSION		
15:30-15:45	COFFEE BREAK			
SESSION VII	PROMOTION	N OF NON-MOTORIZED TRANSPORT		
	CO-CHAIRS:	MR. JOHN ERNST, VICE-EXECUTIVE DIRECTOR, INSTITUTE FOR TRANSPORTATION AND DEVELOPMENT POLICY (ITDP) AND MR. DANIEL BONGARDT, TRANSPORT ADVISOR, SUTP PROJECT DIRECTOR, GERMAN TECHNICAL COOPERATION AGENCY (GTZ), GERMANY		
15:45-16:00	HOW TO REDUC	E CO2 EMISSIONS: AN URBAN DESIGN APPROACH THROUGH		
		RECTOR, ASIAN INSTITUTE FOR ENERGY, ENVIRONMENT AND SUSTAINABILITY, UNIVERSITY, REPUBLIC OF KOREA		
16:00-16:15	MR. SHIN HEE CHE	ES TO STIMULATE BICYCLE USE FOR TRANSPORTATION EOL, DIRECTOR OF CENTRE FOR NATIONAL BICYCLE TRANSPORT RESEARCH,		
16:15-16:30	COMPACT URBA	RT INSTITUTE (KOTI), REPUBLIC OF KOREA  AN DEVELOPMENT AND REDUCTION OF MOTORIZED TRAVEL, ENERGY USE  SIONS: POLICY OPTIONS FOR NATIONAL AND LOCAL GOVERNMENTS  CHLOSSER, HUMAN SETTLEMENTS OFFICER, HUMAN SETTLEMENTS FINANCING  ABITAT		
16:30-17:00	QUESTIONS & A	NSWERS; DISCUSSION		
CLOSING SESSION: CONCLUSION AND RECOMMENDATIONS				
CO-CHAIRS:		G-HUN, MANAGING DIRECTOR, ENERGY POLICY RESEARCH GROUP, KOREA OMICS INSTITUTE (KEEI), REPUBLIC OF KOREA AND MR. RALPH WAHNSCHAFFT,		

17:00-17:30 PRESENTATION AND ADOPTION OF CONCLUSIONS AND RECOMMENDATIONS

**CLOSING REMARKS**