

Global Energy Basel – The Sustainable Infrastructure Financing Summit 2012 Programme

Congress Center Basel, Switzerland

Colour Key:

- Plenary Session – Focus on strategy
- Policy Roundtable
- Workshop – Lessons learned, experiences to date
- Investment Forum/Bilateral Meeting

Tuesday, 21 February 2012

07.30 – 09.00	Registration, Foyer 2nd floor
07.30 – 08.00	Coffee and Networking for Mayors
08.00 – 09.00	<p style="text-align: center;">Mayors' Breakfast Personal policy exchange for sustainable Infrastructure Samerkand Room</p> <p>Host: Mayor Guy Morin, President of the Government of Basel-City</p> <p>Vice Mayor Ki ho Cho, City of Changwon, South Korea Mayor Tadeusz Ferenc, Rzeszów City Hall, Poland State Secretary Marie-Gabrielle Ineichen-Fleisch, Head of State Secretariat for Economic Affairs SECO, Switzerland Deputy Minister George Kavelashvili, Ministry of Energy and Natural Resources of Georgia Mayor Lorenc Luka, Shkodra Municipality, Albania Mayor Lorena Martínez Rodríguez, Aguascalientes Municipality, Mexico Mayor Melchor F. Nacario, Municipality of Calbiga, Philippines Vice Mayor Xiangdong Niu, People's Government of Lanzhou Municipality, China Vice Mayor Ming Pan, People's Government of Zhuhai Municipality, China Deputy Mayor Edmond Panariti, Municipality of Tirana, Albania Mayor Roberto Torres Gonzáles, City of Chiclayo, Peru Mayor Tadeusz Truskolaski, City of Bialystok, Poland Vice Party Secretary Baojian Wang, Vice Party Secretary of Guiyang City, China Chairman Daniel Wiener, Global Energy Basel Foundation, Switzerland</p>

09.15 – 10.45		Opening Plenary Session	
Topics	<p align="center">Infrastructure for a Sustainable Future - Supporting 9 Billion People by 2050 Montreal Room</p> <p align="center">What is sustainable urban infrastructure, and what are the development challenges for cities across the globe? Lessons from sustainability science as applied to infrastructure development and urban poverty reduction City leadership in developing sustainable infrastructure and in combating climate change Scale and sources of financing sustainable infrastructure development - in light of the financial crisis Financial and industrial policy frameworks for sustainable infrastructure – global, national, and local</p>		
Speakers	<p>Guy Morin, Mayor, Basel, Switzerland: Welcome words Marie-Gabrielle Ineichen-Fleisch, State Secretary, Head of State Secretariat for Economic Affairs, Switzerland Edward Farquharson, Program Director Private Infrastructure Development Group (PIDG) Jeb Brugmann, The Next Practice/ICLEI Senior Advisor Paul Clements-Hunt, Head, UNEP Finance Initiative Wang Yuan, Chief Economist, Director General Education and Training Department, China Development Bank</p>		
Moderator	Daniel Wiener , GEB Chairman		
10.45– 11.15	Coffee Break, Foyer 2nd floor		
11.15 – 12.45		Parallel Break-out Sessions	
Topics	<p align="center">Policy Roundtable 1 Financing the Resilient City Sydney Room</p> <p align="center">Organised by Resilient Cities/ICLEI</p> <p>Focus on ICLEI's Global Report Financing the Resilient City and on how climate financing for adaptation can be mobilized, leveraged and innovated for the local level. Discussion about the presented approach to funding resilience and adaptation to climate change and its needs to match with a demand-driven finance supply Question of how to realise this approach by gathering representatives of the international financing institutions, local governments and the private sector</p>	<p align="center">Workshop 1 Sustainable Public Procurement and Balancing Risk in Public-Private Partnerships Montreal Room</p> <p>Organised with SECO and the Public-Private Infrastructure Advisory Facility (PPIAF)</p> <p>Sustainability considerations in public procurement Engaging private sector participation in public infrastructure Sectors viable for PPPs, with a focus on urban PPPs Requirements for sustainable PPPs Successful financing of PPPs and financing</p>	<p align="center">Investment Forum 1 Sustainable Infrastructure in Europe and North America Singapore Room</p> <p>With Susi Partners, Sarasin & Cie, SAM Private Equity, Credit Suisse, London Green Fund Projects provided by C40 and SECO</p> <p>Project Presentations</p> <ol style="list-style-type: none"> Basel/Switzerland: Cargo sous terrain. Robert Vogel RVBS Partner Tbilisi/Georgia: Changes in Georgian Energy Sector. Giorgi Kavelashvili, Deputy Minister, Ministry of Energy and Natural Resources of Georgia

	This policy roundtable will tackle the key theme of local level financing for adaptation and resilience from different angles and aims at bringing the debate on the inversion of the finance mechanism forward	alternatives What governance and partnership structures support resilient cities? (Sharing risk) Challenges faced in implementing PPPs	3. Moscow/Russia: Sustainable Development Concept of the Mnevniki Area. Anton Kulbachevskiy, Moscow Department for Natural Resources Management and Environmental Protection (provided)
Speakers	Jeb Brugmann , The Next Practice/ICLEI Senior Advisor Andreas Spiegel , Director, Senior Climate Change Advisor, Swiss Re Jan Falconer , Aberdeen City Council Edward Farquharson , Program Director, Private Infrastructure Development Group (PIDG) Changhua WU , Director Greater China, The Climate Group Scott Bocskay , Chief Executive Sustainable Melbourne Fund, Australia	Oshani Perera , Programme Officer, IISD Gershon Cohen , CEO & Fund Principal, Infrastructure Funds, Lloyds Bank Cui Jun , General Manager, Beijing PMTOP Management Consulting Co. Ltd. Ricardo Meléndez Ortiz , Chief Executive International Centre for Trade and Sustainable Development Laurence Carter , Director Public Private Partnerships, Transaction Advisory Services IFC	4. Rotterdam/Netherlands: Rotterdam: top petrochemical cluster in transition. Wiert-Jan de Raaf, Program Manager, Rotterdam Climate Initiative 5. Tirana/Albania: A profile of the Tirana's river planned Hydro Power Plant. Edmond Panariti, Deputy/Mayor Tirana City Hall 6. London/UK: London Green Fund Supporting Green Infrastructure. Kenroy Quellennec-Reid, Senior Financial Engineering Manager 7. Azores: The Graciosa Project - Adios supertankers, ahoy energy autonomy. Martin Röder, M&A at Younicos 8. San Francisco/USA: San Francisco Tax Lien Financing Program for Commercial Building Clean Energy Upgrades. Richard Chien, EED AP, Senior Environmental Specialist, GreenFinanceSF Program Manager, Department of the Environment City and County of San Francisco
Moderator	Konrad Otto-Zimmermann , The Secretary General of ICLEI	Adriana de Aguinaga , Program Manager of the Public-Private Infrastructure Advisory Facility, World Bank	Julian Randall , Head Office, Euresearch
12.45 - 14.15	Lunch Break , Foyer 2nd floor		

14.15 – 15.45			
Parallel Break-out Sessions			
Topics	<p>Policy Roundtable 2 Urban Planning for Sustainability Sydney Room</p> <p>Organised by the Urbanisation Review of the World Bank</p> <p>This session is designed to engage a variety of institutional stakeholders focused on improving options for city leaders to make decisions today that will generate the “least regret” in the future. How city leaders plan and finance their cities are important for today but also shape the global future</p>	<p>Workshop 2 Impact Investing: Putting money to work for sustainability Montreal Room</p> <p>Organised with Alphamundi</p> <p>Defining impact investing: profitable investments with measurable net benefits to society Methodologies for impact assessment Designing a sustainable fund Using Integrated Reporting frameworks</p>	<p>Investment Forum 2 Sustainable Infrastructure in Asia-Pacific Singapore Room</p> <p>With World Bank, IFC, ADB, Lloyds Bank Projects provided by ICLEI and C40</p> <p>Project Presentations</p> <ol style="list-style-type: none"> Kathmandu Metropolitan City/Nepal: Improvement of solid waste management system; Dongol Devendra, Department Head Urban Development Shanghai/PR. China: Shanghai Sustainable Eco-Island Chongming Project. Wu Zhiqiang, Vice President of Tongji University Changwon/South Korea: Environmental Capital and EcoMobility-Public Bike System. Cho Ki ho, Vice Mayor, City of Changwon Zhuhai City/ PR. China: Sustainable Infrastructure in Zhuhai. Pan Ming, Vice Mayor of Zhuhai City Lanzhou/PR. China: Low-Carbon Urban Infrastructure Projects. Niu Xiangdong, Vice Mayor of Lanzhou City, China Municipality of Calbiga/Samar, Philippines: Calbiga River Care: River Banks Reforestation and Infrastructure Development. Nacario Melchor F., Municipal Mayor; Abaigar Jr. Miguel T., Sangguniang Bayan Member, Cabuenas Aniceto J., Municipal Cooperatives Officer and Department Head of the Municipal Economic Enterprise Office Municipality of Calbiga Guiyang/PR. China: Energy saving and low carbon development in Guiyang City. Wang Baojian, Vice Party Secretary-General, Guiyang
Speakers/ Panellists	<p>Adriana de Aguinaga, Program Manager of PPIAF, World Bank Robert Horbaty, Managing Director of the association Energy City Ho Tong Yen, CEO, Sino-Singapore Tianjin Eco-City Investment Co., Ltd Alejandro Gutierrez, Urban Designer and Associated Director of Arup George Kavelashvili, Deputy Minister Ministry of Energy and Natural Resources of Georgia Lorena Martínez Rodríguez, Mayor Aguascalientes Municipality, Mexico</p>	<p>Peter George, Manager, Energy Finance, GVEP International Cheryl Hicks, Sustainability Investment Partner, Quadia SA Roland Janssens, Director Frontier Markets Fund Managers Tobias Reichmuth, CEO, SUSI Partners Richard Parry, eleQtra (InfraCo) Ltd, Manager for InfraCo Africa, PIDG Liang Meng, Senior Economist, the People’s Bank of China</p>	

			City, China
Moderator	Somik Lall , Urban Anchor, Finance, Economics and Urban Department at the Sustainable Development Network of the World Bank	Tim Radjy , CEO of AlphaMundi	Emiel Wegelin , Program Coordinator Cities Development Initiative for Asia (CDIA)
15.45 – 16.15	Coffee Break , Foyer 2nd floor		

16.15 - 17.45		Parallel Break-out Sessions	
Topics	<p style="text-align: center;">Workshop 3</p> <p style="text-align: center;">Good news from Japan: the way forward to an energy saving infrastructure Singapore Room</p> <p style="text-align: center;">With Tokyo Metropolitan Government</p> <p>Designing and implementing green building investment opportunities in Tokyo Financing Green and Efficient Buildings in Cities The latest in energy efficiency technologies Policy and finance approaches to encourage uptake of efficiency measures Financing the renovation of existing infrastructure Overcoming split incentives and other market barriers to efficiency in buildings Aggregation Models – efforts in which aggregation of demand (e.g. of companies, individuals) has led to successful development of sustainable infrastructure</p>	<p style="text-align: center;">Workshop 4</p> <p style="text-align: center;">Sustainable Energy Infrastructure, Transmission and Smart Grids Montreal Room</p> <p>Latest developments in development and adoption of SmartGrid technology Including the financing of transmission infrastructure in project planning Infrastructure for electric mobility in cities</p>	<p style="text-align: center;">Investment Forum 3</p> <p style="text-align: center;">Sustainable Infrastructure in Africa and Latin America Sydney Room</p> <p>With IDB, World Bank, IFC, GreenTEK Ventures Projects provided by ICLEI, C40, Arup</p> <p>Project Presentations</p> <ol style="list-style-type: none"> Trinidad & Tobago: Reducing CO2 Emissions in Trinidad & Tobago. Marcia Granger, CEO The Green World Initiative Mali and Haiti (various communities): Solar pumps for drinking water and irrigation. Fredy Wirz, Director of Wirz Solar GmbH, Switzerland, project provided by Wirz Solar GmbH Switzerland and Solsuisse Mali, supported by private sponsors and Swiss government (www.repic.ch, platform to promote RE in international cooperation) Quito/Ecuador: Quito Urban Green Network. Carolina Zambrano B., Environmental Policy and Planning Director of Quito's Metropolitan District Aguascalientes Municipality/Mexico: Green Line Linear Park. Lorena Martínez Rodríguez, Mayor, Lucila Guerra Delgado, Head of the Executive Office, Mariana López Medellín, Manager of Environmental Funds, Ministry of Environment and Sustainable Development Mexico City/Mexico: KCC-AZCANIA, first low Carbon Development for Mexico City. Pablo Lazo, Associate Director Arup Addis Ababa/Ethiopia: Potential investment areas in Addis Ababa. Abera Lulesa Gobu, Head of Addis Ababa Finance and Economic
Speakers	<p>Yuko Nishida, Tokyo Metropolitan Government Masato Ito, Deputy General Manager, Sustainable Property Promotion, Real Estate Business Development Department, The Sumitomo Trust and Banking Co., Ltd Tomohisa Takebe, Senior Engineer Environment & MEP Engineering Department Nihon Sekkei Inc. Yasuo Miyasaki, Managing Officer, Director of Mechanical & Electrical Building, Life Care Division Shimizu Corporation</p>	<p>Julian Randall, Head Office Euresearch Luo Jiamin, Inner Mongolia Zhongshi Tendering & Engineering Consulting Co. Ltd. Steve Atkins, Smart Grids, ABB Jiulin Chen, Deputy General Manager China Gezhouba Group International Engineering Co., Ltd Matthew Kennedy, Senior Planner- Energy Technology Policy, Sustainable Energy Authority of Ireland (SEAI)</p>	

			<p>Development Bureau and Haileselesse Sebhatu, Head of Addis Ababa Environmental Protection Authority</p> <p>7. Johannesburg/South Africa: Financing a sustainable transport system: Bus Rapid Transit extension. Barney Stephen Kgope, Director of Air Quality and Climate Change, Environmental Department and Maria Nonhlanhla Ncube, Deputy Director: Revenue Management Value Chain Financial Strategy Unit from the Office of the ED: Finance & Group CFO</p>
Moderator	André Schneider , Global Advisory SA and Vice Chairman, Global Energy Basel	Malcolm Ball , Leader Energy Strategy Team, Arup	Daniel Magallon , Managing Director, BASE
18.00 – 21.00	<p>Speakers' Dinner Party Bar Rouge Top of Switzerland Hosted by GEB Chairman Daniel Wiener</p>		

Wednesday, 22nd February

08.00 – 9.00	<p>Working Group I, for C40 cities only: Sustainable Infrastructure Finance for C40 Cities I Samerkand Room</p> <p>Brief Introduction of all participants and a presentation of Infrastructure Finance Fundamentals Moderated by Adam Nicolopoulos, President and Founder, ADN Capital Ventures, Inc. and Scott Henderson, Director Finance C40 cities Climate Leadership Group</p>		
09.00 – 10.30 Plenary Session			
Topics	<p>Financing a Sustainable Infrastructure Future Montreal Room</p> <p>Sources of financing in the field of sustainable infrastructure Framework conditions for sustainable infrastructure finance Drivers for sustainable infrastructure finance</p>		
Speakers	<p>Beatrice Maser, Head of Economic Cooperation and Development, State Secretariat for Economic Affairs (SECO), Switzerland Martin Spicer, Manager for Southern Europe, Infrastructure and Natural Resources, International Finance Corporation (IFC) Olaf Merk, Deputy Head of Urban Development Programme, OECD Wang He, Deputy Chairwoman, China International Contractors Association (CHINCA) Jakob von Uexküll, Founder and Chair of the Management Board of the World Future Council</p>		
Moderator	<p>Paul Clements-Hunt, Head, UNEP Finance Initiative</p>		
10.30 – 16.00	<p>All Day: Bilateral Meetings of Investment Forum Participants from Day 1 Rooms: Miami, Mexico, Hong Kong, Guangzhou</p>		
10.30– 11.00	<p>Coffee Break, Foyer 2nd floor</p>		
11.00 – 12.30 Parallel Break-out Sessions			
Topics	<p>Policy Roundtable 3 Mobilising Finance through Government Policy and Regulation Sydney Room</p> <p>With UNEP, World Bank and SECO</p>	<p>Workshop 5 Carbon and Climate Finance for Sustainable Infrastructure Development Montreal Room</p> <p>With C40, the Carbon Finance Capacity Building Program (CFCB)/World Bank Institute,</p>	<p>Workshop 6 Connected Transportation Singapore Room</p> <p>Organised by swisscleantech, with the Global Cleantech Cluster Association (GCCA)</p>

	<p>Supportive regulatory and taxation frameworks What makes policy frameworks effective? Designing public finance programmes to leverage private finance Local regulations and legal systems on international contracting for sustainable infrastructure projects Hosting government's fiscal condition including taxation, culture, and attitude towards foreign enterprises Striking a balance between local legal conditions and international regulations Globalization of SI approaches Learnings from good and failed experiences</p>	<p>UNEP FI, and IDB</p> <p>City's challenges and opportunities regarding climate and carbon finance in view of the newest developments in the carbon market – (Side Event at the Durban Climate Summit in December 2011). Value added and implementation of urban carbon emissions measurement tools and registries (C40 and the Carbon Disclosure Project, ICLEI and carbonn). Partnership for Market Readiness (PMR): Support for the creation of market-based instruments for greenhouse gas emission reductions.</p>	<p>Integrating sustainable transportation and eco-mobility The role of new partnerships to finance global transportation of persons and goods</p>
Speakers	<p>Rutu Dave, Climate Change Specialist, World Bank Institute Sun Yiting, Program Manager, Banking & Financing, WWF Beijing/China Pasi Rinne, Chairman, Gaia Group Michael Geissler, CEO Berliner Energieagentur Pradeep Singh, Vice Chairman and Managing Director, Indian Development Finance Martin Sobek, PPP Transaction Advisory, Europe and Central Asia, IFC Beatrice Maser, Head of Economic Cooperation and Development, State Secretariat for Economic Affairs (SECO), Switzerland</p>	<p>Zhang Ruijie, China Association of Plant Engineering Consultant (CAPEC) (Low Carbon Planning and Investment Opportunities) Conor Riffle, Head of CDP cities Remco Fischer (analytical report of Finance with outlook to R+20), UNEP Finance Initiative Antje Vargas, CEO GeoClimaDesign AG Walter Vergara, Division Chief, Climate Change and Sustainability and head of the Sustainable Energy and Climate Change Fund, Inter-American Development Bank (IDB)</p>	<p>Yao Shaoying, General Manager, Huatie Engineering Consulting Company Ronny Kaufmann, Director of Public Affairs and Corporate Responsibility, Poste Office Brian Martin, Manifattura Domani Amit Yudan, Better Place Daniela Bomatter, Mobility Car Sharing, Switzerland</p>
Moderator	<p>Virginia Sonntag-O'Brien, Coordinator, UNEP National Climate Finance Institutions Support Programme</p>	<p>Kai-Uwe Schmidt, Carbon Finance Assist Team Lead, World Bank</p>	<p>Christian Häuselmann, Export und Innovation, swisscleantech</p>
12.30 – 14.00	<p>Lunch break, Foyer 2nd floor</p>		

14.00 – 15.30 Parallel Break-out Sessions			
Topics	<p style="text-align: center;">Policy Roundtable 4 Greening the Money System Sydney Room</p> <p style="text-align: center;">With the UNEP Finance Initiative</p> <p>How can financial and monetary policy support or hinder prospects for sustainable infrastructure finance? Post-crisis financial reform: impact on and opportunities for sustainable infrastructure finance Bridging the divide between financial policy and sustainable development: globally, nationally, locally Financial and monetary policy tools to support sustainable infrastructure</p>	<p style="text-align: center;">Workshop 7 Development of Capacities and Tools to accelerate Sustainable Infrastructure Montreal Room</p> <p style="text-align: center;">More than Money: Social Capital, Technical Assistance and Capacity Building</p> <p>Globalisation of Sustainable Infrastructure - How to Accelerate by Experiences Maximising social, environmental, and employment co-benefits Capacity building for sustainable infrastructure finance: training project developers, financiers and public administrators Supporting local manufacturing through content requirements Networking relevant stakeholders (academics, policymakers, project developers, industry and finance institutions)</p>	<p style="text-align: center;">Working Group, for C40 cities only Sustainable Infrastructure Finance for C40 Cities II Singapore Room</p> <p>Presentation of infrastructure projects among C40 cities in order to engage in a discussion over the issues that may hinder their project's delivery and implementation Encouraging the C40 network</p>
Speakers	<p>Martin Spicer, Manager, Infrastructure and Natural Resources/Southern Europe International Finance Corporation Jakob von Uexküll, Founder and Chair of the Management Board of the World Future Council Gwendolyn Hallsmith, Planning Director, City of Montpellier, USA Nick Beglinger, CEO, FFGS/swisscleantech Thomas Kerr, Director, Head of Climate Change Initiatives World Economic Forum</p>	<p>Emiel Wegelin, Program Coordinator Cities Development Initiative for Asia (CDIA) André Schneider, Global Advisory SA and Vice Chairman, Global Energy Basel (SI grading and capacity building project and Chinese platform) Robert Horbaty, Managing Director of the Association Energy City James Stewart, Chairman, Global Infrastructure at KPMG Ingo Gaida, Bayer MaterialScience and Marco Casanova, CleanTechNRW Katharina Serafimova, WWF</p>	<p>Municipality of Rotterdam, Program of Sustainability, Fred Akerboom, Government Advisor and Rotterdam Climate Initiative, Wiert-Jan De Raaf, Program manager</p> <p>City of Johannesburg Metropolitan, Stephen Barney Kgope, Director of Air Quality and Climate Change, Environmental Department and City of Johannesburg, Finance & Economic Development, Maria Nonhlanhla Ncube, Deputy Director : Revenue Management Value Chain Financial Strategy Unit from the Office of the ED: Finance & Group CFO</p> <p>Moscow Department for Natural Resources Management and Environmental Protection, Anton Kulbachevskiy, Head of department</p> <p>City of Copenhagen, Finance Administration Lars Lindholm, Strategy Manager</p>

			<p>City of Changwon, South Korea, Mi kyung Moon, Policy Advisor Secretary</p> <p>Greater London Authority, Greater London Authority, Kenroy Quellennec-Reid, Director/Manager</p> <p>City of Rio de Janeiro, Alessandra Souza, Deputy Secretary of Finance</p>
Moderator	Paul Clemens-Hunt , Head, UNEP Finance Initiative	Changhua WU , Director Greater China, the Climate Group	Adam Nicolopoulos , President and Founder, ADN Capital Ventures, Inc. and Scott Henderson , Director Finance C40 cities Climate Leadership Group
15.30 - 16.00	Coffee Break , Foyer 2nd floor		
16.00 - 17.15	Closing Plenary Session		
Topics	Visions for the City of the Future - Resiliency and Reinvention Montreal Room		
	The Role of Infrastructure Finance in fostering Sustainable Human Development Multi-stakeholder management - governance and partnership structures for urban adaptation Recap - Bottom-up, demand-driven sustainable infrastructure to meet the needs of city residents Success Factors - Financing to jump-start urban adaptation in response to burgeoning consumer demands How to Succeed - Financing Urban Infrastructure and Implementing Smart Environmental Policy		
Speakers	Michael Kuhndt , Managing Director, UNEP/ Wuppertal Institute Collaborating Centre on Sustainable Consumption and Production (CSCP) gGmbH Konrad Otto-Zimmermann , The Secretary General of ICLEI Peter Bakker , President, World Business Council for Sustainable Development WBCSD James Carson , CEO C40		
Moderator	Daniel Wiener , GEB Chairman		