

Smart Sustainable Cities: Where we are at and where we could be



Sunday, 16 October 2016
Room A of the One UN Pavilion, from 10:00 -11:30

One UN Pavilion event

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HABITAT III
QUITO 17-20 OCTOBER 2016

United Nations Conference on Housing
and Sustainable Urban Development



UNECE



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ECLAC

A smart sustainable city is an innovative city that uses information and communication technologies (ICTs) and other means to improve quality of life, efficiency of urban operation and services, and competitiveness, while ensuring that it meets the needs of present and future generations with respect to economic, social, environmental as well as cultural aspects¹.

By utilizing the full potential of ICTs to support urban operations and participation, smart sustainable cities can be key enablers for achieving the main objectives envisioned in the New Urban Agenda and the attainment of the SDGs addressed in the 2030 Agenda for Sustainable Development. Smart sustainable cities aim to drive inclusivity, accessibility, safety, innovative labour mobility, increased production and resiliency.

This event intends to bridge the gaps in the understanding of what is a smart sustainable city, demonstrate how international standards and KPIs can facilitate the incorporation of ICTs to effectively deliver on the objectives of the NUA.

Coordination between governments, private sector and citizens is essential to create an equitable systems to augment their understanding of the city ecosystems and also provide essential inputs to the design and planning process.

Welcoming remarks:

- *Mr. Christian Friis Bach Executive Secretary, UNECE*
- *Mr. Antonio Pardo, Deputy Executive Secretary, ECLAC*

Moderator:

- *G. Fowlie, Head of ITU Liaison Office to the UN*

Guest Panellist:

- *Héctor Rodríguez, CEO, Yachay City of Knowledge*
- *Alice Charles, Community Lead of Infrastructure and Urban Development Industry, WEF*
- *Mr. Mario Cárdenas, Country Manager, Ericsson/ GeSI Representative*
- *Dr. Koko Warner, Manager, Impacts, Vulnerabilities and Risks Subprogramme Adaptation Programme, UNFCCC*
- *Oleg Kamberski, Head - Passenger Transport & Taxis, IRU*

¹ Internationally agreed definition for smart sustainable cities developed by ITU and UNECE

Speakers



On 9 July 2014, the Secretary-General appointed Mr Christian Friis Bach of Denmark as the next Executive Secretary of UNECE.

Mr Bach brings to the position a combination of deep knowledge in international economy and development affairs coupled with innovative and results-oriented leadership.

Mr Bach came from a position as Member of the Danish Parliament and Head of the Parliamentarian Group for the Danish Social/Liberal Party. He previously served as Denmark's Minister for Development Cooperation (2011-2013) and Special Advisor to the European Union Commission for the United Nations Global Sustainability Panel (2010-2011). He is Honorary Professor of International Economics and Development at the University of Copenhagen (2009-2014) and has been Associate Professor in International Economics and Development Economics, the Royal Veterinary and Agricultural University (1999-2005).

Mr Bach has a long history with civil society, notably as the International Director for the DanChurchAid (2005-2010) and as Chairman of the Danish Association for International Cooperation (1997-2001). He also has private sector experience from running a start-up company and has worked as a journalist at the Danish Broadcasting Corporation.

Mr Bach holds a Ph.D. in International Economics (1996), a MSc in Agronomy (1992) from the Royal Danish Agricultural University in Copenhagen and a supplementary degree in Journalism from the Danish School of Media and Journalism.

Born in 1966, Mr Bach is married and has three children. The family lives on a small farm outside of Copenhagen.



Brazilian economist Antonio Prado assumed the position of Deputy Executive Secretary of the Economic Commission for Latin America and the Caribbean (ECLAC) on 1 November 2009, having been appointed by the Secretary-General of the United Nations, Ban Ki-moon.

During most of his professional career, Prado has specialized in the analysis of technological changes in industry and their impact on economic development, the labour market and Brazil's industrial relations.

Doctor in economy, over the past few years, Prado has focused on anti-inflationary and development policies, first as economic advisor to the president of the government seat in the Brazilian Senate (2003-2004), and later as Head Officer for Government Affairs of the Presidency of the Brazilian National Bank for Economic and Social Development, BNDES (2005-2009).

Prado has been board member of the Brazilian Agency for Export Promotion (APEX), the Brazilian Agency for Industrial Development (ABDI) and the Celso Furtado Center, among other institutions, including civil society organizations.

Between 1990-2000, Prado was member of the technical board of directors and responsible for the research division at DIEESE, a research center on labour issues in Brazil. There, he prepared statistical surveys on the cost of living and employment and studies on income distribution, racial and gender issues, strategic planning, industrial changes and macroeconomy.

In the nineties, Prado coordinated research projects at the National Council for the Development of Science and Technology and carried out innovative studies on gender and race in the labour market of Brazil's metropolitan areas.

Prado has been professor at the Catholic University in São Paulo, and more recently, at the Rio Branco Institute of Brazil's Ministry of Foreign Affairs. He holds a Master's Degree in industrial economics and a PhD in economic development policies from the State University of Campinas (UNICAMP).

Prado has published books and articles in Brazil's specialized media.



Héctor Rodríguez, CEO, Yachay City of Knowledge, was born in Quito in 1980, and graduated from the Catholic University of Ecuador, where he studied Social Sciences applied to International Affairs.

Prior to obtaining a degree in Social Sciences, he now holds an MSc in Governance and Public Affairs from the Latin American Faculty of Social Sciences, FLACSO Mexico; he became Ph.D. candidate in Public Policies (Center for Economic Research and Teaching, CIDE). He also taught Public Policy courses in the International University of Ecuador and the Institute of Higher National Studies (IAEN).

Apart from being a professor, he's also been the Executive Director of the Ecuadorean Agency for International Cooperation (AGECI) as well as an Adviser for the National Secretariat for Planning and Development (SENPLADES). In addition, he's offered his expertise as President of the Directorate of the Ecuadorean Institute of Education Credit and Scholarships (IECE), as well as the Undersecretary General for Science, Technology, and Innovation of the Secretariat of Higher Education, Science, Technology and Innovation (SENESCYT).



Alice Charles is the Lead for all Urban Development work at the World Economic Forum, Geneva, Switzerland. This includes managing the Forum's Future of Urban Development and Services Initiative, its Steering and Advisory Board, the past Global Agenda Council on the Future of Cities and current Global Future Council on Cities and Urbanization, the production of all city and urban development related content and urban development events at World Economic Forum Summits (including Davos). In addition, she is responsible for managing and developing the world's premier community of infrastructure and urban development business leaders (includes CEOs from the Real Estate, Engineering Construction and Urban Services sectors), which through engagement with government, regulatory and civil society leaders advances the critical issues facing the industry on the global, regional and industry agendas.

She has fifteen years' experience working in the areas of urban development, town planning, real estate, infrastructure, environment, climate change and public policy globally. She previously worked for the Department of the Environment, Community and Local Government, Ireland, Dail Eireann (Irish Parliament), Ireland, Jacobs Engineering (formerly SKM Colin Buchanan) and Bilfinger GVA, London, UK.

She has a Master's in Business Administration from University College Dublin Michael Smurfit Graduate Business School, a Postgraduate Diploma in Town and Country Planning from Queens University Belfast and a 1st Class Honours Degree in Environmental Planning from Queen's University Belfast. She is a Chartered Member of the Royal Town Planning Institute and a Member of the Irish Planning Institute. She is currently undertaking a Masters in Global Leadership through the World Economic Forum, in conjunction with The Wharton School of the University of Pennsylvania, Columbia University, Cornell Tech, INSEAD, London Business School and the China Europe International Business School (CEIBS).



Mario Cardenas is the Country and Account Manager of Ericsson de Ecuador C.A.

With 15 years of experience in the telecommunications field his work has been focused on developing telecommunications and communication technology (ICT) projects in Ecuador, Peru, Colombia, Chile and Bolivia.

Mr. Cardenas P.M.P. is a graduate of the Electronic and Telecommunications Engineering from the Army Polytechnic School of Ecuador with a Master Degree in Business Administration from the National Polytechnic School of Ecuador.



Dr. Koko Warner, PhD, is Manager of the "impacts, Vulnerability, & Risks" subprogramme at United Nations Climate Secretariat, UNFCCC Bonn, Germany, since April 18, 2016 to present

Dr. Koko Warner helps countries find ways to address impacts, vulnerabilities, and risks from climate change in communities across the world. In 2014 the International Council of Science named Koko one of the top 20 women making waves in the climate change debate (<http://roadtoparis.info/top-list/20-women-making-waves-climate-change-debate/>).

She was a lead author for the Intergovernmental Panel on Climate Change's Fifth Assessment Report, Working Group 2 on Adaptation. Koko speaks and writes about these findings widely, and joined the Adaptation Section at UNFCCC in April 2016. Koko oversees the work of the Loss & Damage Workstream and damage and the Nairobi Work Programme which provides a science-policy interface on technical, scientific and socio-economic aspects of adaptation. Warner's role provides technical leadership on evolving mandates in the assessment, development and implementation of adaptation plans, policies and actions aimed at reducing vulnerability and building resilience.

She provides strategy and policy advice to Parties and stakeholders from the national, regional, multilateral and international organizations, the public and private sectors, civil society and other relevant stakeholders. She has a science background researching the impacts of climate change in communities across the world, with an international profile on climate risk management and insurance, and human mobility (migration, displacement, planned relocation).



Since 2004, Oleg Kamberski, has been in charge of all passenger transport-related activities (bus, coach and taxis) within the International Road Transport Union (IRU), which represents the interests of road freight and passenger transport operators world-wide.

For almost eight years (1996-2004) he served as an officer in charge of matters related to the European Union enlargement, the then IRU's policy priority. Before joining the IRU, he headed the information and public relations department of the Bulgarian road transport association, AEBTRI.

He holds degrees in social sciences and philology and a post-graduate specialisation in European integration. He also studied economics, political sciences and public relations.

He is active in various international governmental bodies, such as the Paris-based International Transport Forum and the UNECE in Geneva.

Moderator



Gary Fowlie is the Head of the International Telecommunication Union (ITU) Liaison Office to the United Nations. ITU is the specialized agency of the United Nations responsible for information and communication technology.

Mr. Fowlie led a UN inter-agency effort to ensure that science, technology and innovation were adopted as key catalyst for the achievement of the UN Sustainable Development Goals (SDGs). His work focused on information and communication technology (ICT) targets in the areas of education, gender equality, infrastructure (universal and affordable access to the internet) and as a means of implementation across all 17 sustainable development goals. The UN sustainable development agenda, an agreed blueprint for sustainable development in all nations, came into effect on 1 January 2016. It recognizes *'global connectivity and ICTs as having great potential for human progress.'*

Prior to joining the UN and ITU, Mr. Fowlie worked as an Account Director for the global technology practice of the consulting firm Hill and Knowlton. At the United Nations he was responsible for communications strategy for the UN World Summit on the Information Society. From 2005-2009 he occupied the post of Chief of Media Liaison for the United Nations in New York. He is an Economist and Journalist, having worked for the news service of the Canadian Broadcasting Corporation and The Economist.

Mr. Fowlie is a graduate of the Universities of Alberta, Alabama and the London School of Economics.