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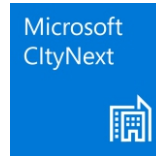
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## LBR LBO INFRASTRUCTURE SUMMIT 2015 **MAKING COLOMBO** **A GLOBALLY COMPETITIVE CITY**

Tuesday 3<sup>rd</sup> & Wednesday 4<sup>th</sup> November 2015: Oak Room, Cinnamon Grand- Colombo

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**Lakshaman Bandaranayake**  
Founding Publisher / Director  
LBR LBO

Dear Speakers, Invitees and Summit Delegates,

Thank you so much for being a partner to the inaugural edition of LBR LBO Infrastructure Summit-“Making Colombo Globally Competitive”.

Cities - habitat to half of world population - now generate over 80% of the global GDP. According to a study by “The Economist”(2012), global businesses have already begun to plan strategy from a city perspective, rather than a country perspective.

Legacy, scale and geo-location of a city alone no longer determine a city's global attractiveness and growth potential. While some megacities, such as London, New York, Paris, Hong Kong and Tokyo, continue to be immensely influential in global economy, many other smaller cities - such as, Singapore, Taipei, Copenhagen and Stockholm - have also emerged as globally competitive centers in recent years.

Colombo has high potential to become a global city.

Its geographic location and close proximity to maritime sea routes are strategic advantages. Colombo's geo-location is an exploitable asset in the global economy. However, global cities no longer compete only to access the “Silk Road”, they now fiercely compete with each other for capital, talent and ideas as well.

According to the Global Competitive Index compiled by The Intelligence Unit of “The Economist”, Colombo ranks 102nd out of 124 cities studied, and projects that the city will slip to 108th position by the year 2015; behind a host of Indian, Middle Eastern and Far Eastern cities.

For the city of Colombo to be recognized as a globally competitive city, in the knowledge driven highly networked global economy, the city needs to build new features and capabilities.

Going by the “The Economist” study, the city needs to improve significantly in the areas of; economic strength, physical capital, financial maturity, institutional character, social and cultural character, human capital and global appeal.

We have invited thirty thought leaders with extensive experience who represent a diverse range of disciplines- urban design, planning and management; logistics, transport and supply chain; technology; public policy; research; sustainable development- to take the stage in five insightful and thought provoking sessions.

I urge you to visit [www.lbo.lk/summit](http://www.lbo.lk/summit) and familiarize with the sessions, read speaker bios and also peruse the online resources posted. Most importantly, download the Summit mobile app from Google Play and Apple Store. Make sure you connect and engage with the Summit via mobile and social media. The details are available in the Summit booklet. Please use the hashtag #lbrlbosummit when commenting on Social Media. Also take time to network with the fellow participants.

I take this opportunity to thank Hon Minister Patali Champika Ranawaka for gracing the opening session. I also thank distinguished invitees, speakers and the organizations they represent, sponsors, national partners, cooperating organizations and service providers who made this event possible.

We thank all the delegates for joining us at the Summit. I am sure you will find the Summit enjoyable, fruitful and stimulating.

I welcome you to the LBR LBO Infrastructure Summit 2015 and wish you a great Summit!

**Lakshaman Bandaranayake**



**Hon. Patali Champika Ranawaka**  
Minister of Megapolis and  
Western Region Development

Hon Ranawaka Arachchige Patali Champika Ranawaka is a Member of Parliament of Sri Lanka representing the Colombo District. He is a businessman by profession.

Presently he holds the portfolio of Megapolis & Western Region Development. Previously he has held the portfolios of Environment and Natural Resources, Power and Energy and Technology, Research and Atomic Energy. Minister Ranawaka is a member of two parliamentary committees; Committee on Parliamentary Business and Committee of Selection.

As the Minister in charge of Western Region Development, Hon Ranawaka will lead the establishment of Western Region Megapolis which will address several social, environmental and economic challenges through revolutionary and transformative initiatives and increase economic opportunities and global competitiveness of the nation.

A prolific writer, highly skilled orator, policy and political critic and a popular national leader; Minister Ranawaka has authored many publications on issues of vital national importance.

Minister Ranawaka earned his BSc in Electrical and Power Engineering from University of Moratuwa.





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TUESDAY 3RD NOVEMBER - DAY 1

Time	Sessions
1600 +	Participant check in, Summit materials collection
1810 - 1830	Welcome, opening remarks and partner recognition and appreciation
	Speech by Chief Guest <b>Hon. Patali Champika Ranawaka</b> Minister of Megapolis and Western Region Development
1830 - 2015	<b>SESSION 01 “CITIES OF THE FUTURE: WHAT DO THEY LOOK LIKE, HOW DO WE BUILD THEM?”</b>  <b>Session Chair</b> <b>Professor Rohan Samarajiva PhD</b> Chair LIRNEasia  <b>Keynote Speakers</b> <div><b>Sumila Gulyani PhD</b> Global Lead for Urban Development Strategy and Analytics World Bank</div> <div><b>Olle Zetterberg</b> Chief Executive Officer Stockholm Business Region City of Stockholm</div> <div><b>Professor Willie Mendis PhD</b> Emeritus Professor Department of Town &amp; Country Planning University of Moratuwa</div> <div><b>Michael Scharpf</b> Head - Sustainable Construction LafargeHolcim</div> <div><b>J T Singh</b> Director J T Singh Labs</div> <div><b>Panelist</b> <b>Nayana Mawilmada</b> Director General Urban Development Authority of Sri Lanka</div>
2015 - 2030	Closing Remarks
2030 - 2130	Networking Reception  ( Courtesy Microsoft CityNext )

WEDNESDAY 4TH NOVEMBER - DAY 2

0730 - 0845	Networking Breakfast
0845 - 0900	Welcome and Opening Remarks
0900 - 1040	<b>SESSION 02 “MAKING COLOMBO A GLOBAL CITY : OPPORTUNITIES AND CHALLENGES”</b>  <b>Session Chair</b> <b>Thilan Wijesinghe</b> Founder, Chairman and CEO TWC Corp  <b>Keynote Speakers</b> <div><b>Nayana Mawilmada</b> Director General Urban Development Authority of Sri Lanka</div> <div><b>Professor P K S Mahanama</b> Professor Department of Town &amp; Country Planning University of Moratuwa</div> <div><b>Panelists</b> <b>Mangala P B Yapa</b> Chief Executive Secretary General Ceylon Chamber of Commerce</div> <div><b>Suresh Rajendra</b> President Property Industry Group John Keells</div> <div><b>Michael Scharpf</b> Head - Sustainable Construction LafargeHolcim</div>

Time	Sessions
1040 - 1100	
1100 - 1115	Partner feature presentation 1 Partner feature presentation 2 Partner feature presentation 3
1115 - 1300	<b>SESSION 03 “CREATING A WORLD CLASS TRANSPORTATION SYSTEM IN COLOMBO”</b>  <b>Session Chair</b> <b>Gayani de Alwis</b> Chairperson Women in Logistics & Transport(WiLAT) and Management Consultant/Lecturer  <b>Keynote Speakers</b> <div><b>Guido Bruggeman</b> Urban Transport Expert</div> <div><b>Prof Amal S Kumarage PhD</b> Chairman National Transport Commission Department of Transport &amp; Logistics Management, Faculty of Engineering University of Moratuwa</div> <div><b>Mangal Dev</b> Director &amp; Head of Rail Systems Hitachi India &amp; South Asia</div>
	<b>Panelists</b> <div><b>Romesh David</b> President Transportation Group John Keells Holdings PLC</div> <div><b>Nimal Chandrasiri</b> Additional Director General (Design) Road Development Authority</div> <div><b>Lalithasiri Gunaruwan PhD</b> Senior Lecturer Department of Economics University of Colombo</div>
	<b>Srikant Kadambi</b> Industry Market Development Manager Microsoft APAC
1300 - 1345	
1345 - 1530	<b>SESSION 04 “INVESTMENT STRATEGIES AND BUSINESS MODELS FOR BUILDING A GLOBAL CITY”</b>  <b>Session Chair</b> <b>Maninda Wickramasinghe</b> Managing Director Fitch Ratings  <b>Keynote Speakers</b> <div><b>Kumudu Gunasekera PhD</b> Transport Economist Director Stax Inc</div> <div><b>Yasushi Taira PhD</b> Senior Representative JICA</div> <div><b>Arnaud Cachard</b> Director, Head of Export Credit and Global Specialised Finance Asia Project and Export Finance, Capital Finance, Asia Pacific HSBC</div>
	<b>Panelists</b> <div><b>Thilan Wijesinghe</b> Founder Chairman and CEO TWC Corp</div> <div><b>Amali Rajapaksa</b> Senior Infrastructure Specialist South Asia World Bank</div>
1530 - 1545	

Time	Sessions
1545 - 1600	Partner feature presentation 4 Partner feature presentation 5 Partner feature presentation 6
1600 - 1730	<div>SESSION 05 “REIMAGINING COLOMBO THROUGH TECHNOLOGY”</div> <div>Session Chair Rohan Jayaweera COO Antyra Solutions Fmr Country Consultant Google</div> <div><div>Keynote Speakers</div><div><div>Jaijit Bhattacharya PhD Partner, Infrastructure and Government Services KPMG India</div><div>Vivek Puthucode General Manager APAC Microsoft</div><div>Ravinder Pal Singh Consulting Director Internet of Everything &amp; Smart Communities Cisco Consulting Services</div></div></div> <div><div>Panelists</div><div><div>Muhunthan Canagey Managing Director ICTA</div><div>Faiq Faiz Executive VP MillenniumIT</div></div></div>
1730 - 1745	Concluding Remarks
1745 - 1900	Networking Reception <div><div></div><div>( Courtesy MillenniumIT )</div></div>



# LafargeHolcim Awards

Ambepussa, September 1, 2015



## An initiative by LafargeHolcim Foundation for Sustainable Construction The LafargeHolcim Awards

The 4th cycle of the International LafargeHolcim Awards, was held in 5 regions as a platform for recognizing innovative projects and future-oriented concepts that utilize sustainable construction methods, both at a regional and global level. Sustainable construction aims at reducing the environmental impact of a building while maximizing the comfort and security of the occupants in an economical way.

This year's competition received over 6,000 entries, 15 finalists were selected for the global competition, the top 3 projects were then selected as award winners.

The contest is judged by an independent jury consisting of top representatives in the fields of science, business and architecture.

### Winning Designs Silver Medal Winner Sri Lanka

A community library built in Ambepussa, Sri Lanka won for its efforts in re-integrating soldiers back into normal life by equipping them with vocational skills, as well for its creative use of on-site materials.

### Gold Medal Winner Columbia

Turning a decommissioned water reservoir into a park in Medellin, Colombia.

### Bronze Medal Winner United States of America

Attempting to address the problem of coastal flooding in Manhattan.

### Post War Collective

**How Sri Lanka's Project Minimised Environmental Impact while Tackling an Important Social Issue**

Milinda Pathiraja and Ganga Ratnayake from Robust Architecture Workshop were the architects behind the Silver medal-winning project – the Community library in Ambepussa.

### Artful Design

Situated inside the Ambepussa Army camp, the community library is built on a slope, blending in with its surroundings.

The buildings are narrow, ingeniously allowing for cooling cross-ventilation while making the most of natural light. This ensures that minimal electricity is used. In addition, maximum use was made of local materials on-site, such



Milinda Pathiraja and Ganga Ratnayake, along with Philippe Richart, CEO, Holcim Lanka and the LafargeHolcim team with the Silver Award.

as wood from old railway sleepers, as well as stone and clay from the surrounding area. The completed library consists of a reference area, a research area, a computer lab, a newspaper area and a cafeteria.



A member of  
LafargeHolcim



## “CITIES OF THE FUTURE: WHAT DO THEY LOOK LIKE, HOW DO WE BUILD THEM?”

Cities - habitat to half of world population - now generate over 80% of the global GDP. According to a study by “The Economist” (2012), already global business is beginning to plan strategy from a city, rather than a country, perspective. Given the rapid growth and development of many cities, competition between them for business, investment, ideas and talent will only get fiercer. Legacy, scale and geo-location alone no longer determine a city's global attractiveness and growth potential. While some megacities, such as London, New York, Paris and Tokyo, continue to be immensely influential in global economy, many cities – such as Hong Kong, Singapore, Taipei, Copenhagen and Stockholm – have established themselves as globally competitive centers in recent years. Competitiveness is not determined only by a single criterion. It is a holistic concept and is the result of synergistic effect of multiple factors. Prominent among them are innovation, economic dynamism, governance and infrastructure.

### This session will explore:

- 1) What will the city-experience be in a future city?
- 2) What are the enablers of world-class globally competitive cities?
- 3) Why city identity and positioning are important? How the cities could develop unique identities?
- 4) How to develop globally competitive, sustainable and resilient entities from economic, physical and social perspectives?
- 5) What are the opportunities and challenges for Colombo?

### SESSION CHAIR



**Professor Rohan Samarajiva PhD**  
Founding Chair  
LIRNEasia

Samarajiva was the Team Leader at the Sri Lanka Ministry for Economic Reform, Science and Technology (2002-04) and participated in the design of e Sri Lanka Initiative. He was Director General of Telecommunications in Sri Lanka, a founder director of the ICT Agency, Honorary Professor at the University of Moratuwa, Visiting Professor at the Delft University of Technology in the Netherlands and Associate Professor at the Ohio State University in the US (1987-2000). Samarajiva was Policy Advisor to the Ministry of Post and Telecom in Bangladesh (2006-09). Samarajiva serves as Senior Advisor to Sarvodaya and on the Steering Committee on Infrastructure Development of the Ceylon Chamber of Commerce, a Board Member of Communication Policy Research south, a member of the Board and former Chair of the Lanka Software Foundation and Board Member of Research ICT Africa. He serves on the editorial boards of five academic journals.

### KEYNOTE SPEAKERS



**Sumila Gulyani PhD**  
Global Lead for Urban Development  
Strategy and Analytics  
World Bank

Dr. Sumila Gulyani is currently the Global Lead for Urban Development Strategy and Analytics at the World Bank. Previously, she served as Manager for Urban Development, Water Supply and Sanitation, and Disaster Risk Management in the Europe and Central Asia Region. From 2008-2011, she was based in Kenya as Sector Leader for Sustainable Development for 6 African countries. From 2005-2007, Dr. Gulyani was at Columbia University in New York where she held the position of Assistant Professor and also served as the founding Director of the Infrastructure and Poverty Action Lab (I-PAL). Prior to that, she has held several other positions at the World Bank. Dr. Gulyani received her Ph.D. in Economic Development and Urban Planning from the Massachusetts Institute of Technology, and also holds a graduate degree in architecture. She is the author of the book *Innovating with Infrastructure* and of several articles on urban development, water, electricity, transport, and slums.



**Olle Zetterberg**  
Chief Executive Officer  
Stockholm Business Region  
City of Stockholm

Olle Zetterberg, born 1951 in Stockholm, Sweden, is the CEO of Stockholm Business Region since January 2007. He is a law. B.C.s. and has worked for the City of Stockholm since 1981 and before that at the Enforcement Service in Stockholm and Samhall. Olle Zetterberg started as revenue manager at the Social Services and has worked as an administrative manager and then Director of Social Welfare on social district in the Catherine Sophia, refugee coordinator, Social Service in Bromma, recreation director, Culture and Sport Director, Director of City Planning, street and property director and CEO of Stockholm Parking.



**Professor Willie Mendis PhD**  
Emeritus Professor  
Department of Town & Country Planning  
University of Moratuwa

Former Vice Chancellor of the University of Moratuwa, he was involved in establishing pioneering programs in several key disciplines and has extensive professional involvements from Engineering to Urban Planning, both in public and private sector. Professor Mendis' association with public service has also been noteworthy. He has served on the Boards of several key State and Corporate organizations including a tenure as Chairman of the Urban Development Authority. He has been the prime mover in the founding of the Institute of Town Planners, Sri Lanka, and in its incorporation by an Act of Parliament. He was honored by the Institute with its first ever Lifetime Achievement Award. Professor Mendis is a Chartered Town Planner as a Fellow of the Royal Town Planning Institute, UK, and of the Institute of Town Planners. Prolific researcher and writer he has several books and many academic papers to his credit. Professor Mendis has been the recipient of coveted International and National Awards.



**Michael Scharpf**  
Head – Sustainable Construction  
Lafarge Holcim

He is responsible for the international alignment of activities on sustainable construction solutions across LafargeHolcim. The ambition is to provide tangible customer value with respect to the “Mexico Manifesto: Zero fossil energy – Zero emissions – Zero waste” which was developed during the Holcim Forum for Sustainable Construction held in Mexico City in 2010. Prior to joining LafargeHolcim he held several roles as architect and project manager in Germany, and at the consultancy firm Arcadis where he set up the sustainable construction division. Scharpf is a founding member of the German Sustainable Building Council (DGNB). He is a DGNB-accredited auditor and member of the DGNB Construction Product Board. Scharpf worked as a mason before studying architecture at the University of Hannover, Germany and at the University of Lincoln, USA. He holds an MBA from the University of Applied Sciences in Mainz, Germany.



**J T Singh**  
Director  
J T Singh Labs

JT Singh is a city-branding pioneer, media artist and economic strategist focused on city-regions. His team at JT Singh Labs based in Shanghai executes experimental Digital technologies + Urban strategy + Artistry initiatives to help cities powerfully engage with their global context. Many of JT's cross-disciplinary solutions are innovative firsts and often sets the standard for the rest of the creative world. JT has explored hundreds of emerging cities with eyes wide open and advises government leaders in North America, Asia, and Europe, including Shanghai, Tokyo, Toronto, Lithuania, Pyongyang, Fuzhou, etc. His creative work and intellectual contributions have appeared in numerous international publications, including the BBC, Time, National Geographic, CNN, Washington Post, The Creators Project, Al Jazeera, Mashable, Quartz, China Daily, The Guardian, and more. In late 2015, JT's team in collaboration with the world's leading sustainability experts will be launching a digital platform for cities aiming to become an engine of exponential empowerment for solving many urban problems.

### GUEST PANELIST



**Nayana Mawilmada**  
Director General  
Urban Development  
Authority of Sri Lanka

Nayana Mawilmada (MCP 2000) “is an Urban Development Specialist with extensive experience in planning, facilitating, and managing large scale urban development, real estate and infrastructure projects across 15 countries. His diverse experience ranges from advising the Parliament of East Timor to leading numerous urban sector investments for the Asian Development Bank. Immediately, prior to joining UDA, Mawilmada was the Managing Director at York Street Partners (Pvt.) Ltd., a Boutique investment Bank and TMS Company (Pvt) Ltd., a development focused consulting firm. His academic training includes MBA from Harvard Business School, a Master of City Planning from Massachusetts Institute of Technology (MIT) and a Bachelor of Architecture from Hampton University in the USA. Mawilmada is an old boy of Trinity College”.

## “MAKING COLOMBO A GLOBAL CITY : OPPORTUNITIES AND CHALLENGES”

Colombo has a high potential to become a global city.

The geographic location and close proximity to maritime sea routes are strategic advantages. Its geo-location is an exploitable asset in the global economy. However, it is not only the access to “Silk Road” that global cities compete with each other now, but for capital, talent and ideas as well. Presently Colombo is ranked 102 (out of 120 cities) in Global Competitive Index compiled by The Intelligence Unit of “The Economist”. According to the current projections Colombo will slip to 108th position in next ten years; behind a host of Indian (Ahmadabad, Chennai, Pune, Hyderabad, Delhi and Mumbai), Middle Eastern (Dubai, Doha, Abu Dhabi) and Far Eastern (KL, Singapore, Bangkok, Manila and Jakarta) cities.

If these projections to be proven wrong and Colombo to move up the ranking and recognized as a globally competitive city in the knowledge driven and highly networked global economy, the city needs to build new features and capabilities.

**This session will explore:**

- 1) Current status of the city, particularly in the areas of innovation, economic dynamism, governance and infrastructure
- 2) Challenges and opportunities unique to Colombo City

### SESSION CHAIR



**Thilan Wijesinghe**  
Founder, Chairman and CEO  
TWC Corp

Thilan has been involved in setting up and running real estate companies since 2002. He has led the two largest listed property companies in Sri Lanka and co-founded the award winning resort, Ceylon Tea Trails, in partnership with makers of Dilmah Tea. He has also served on Boards of public sector statutory organizations such as the Urban Development Authority, National Housing Development Authority and Advisory Committee of the Tourism Authority. Thilan's combined private and public sector experience has provided him with valuable experience covering all aspects of real estate development from regulatory and legal matters to construction.

### KEYNOTE SPEAKERS



**Nayana Mawilmada**  
Director General  
Urban Development  
Authority of Sri Lanka

Nayana Mawilmada (MCP 2000) “is an Urban Development Specialist with extensive experience in planning, facilitating, and managing large scale urban development, real estate and infrastructure projects across 15 countries. His diverse experience ranges from advising the Parliament of East Timor to leading numerous urban sector investments for the Asian Development Bank. Immediately, prior to joining UDA, Mawilmada was the Managing Director at York Street Partners (Pvt.) Ltd., a Boutique investment Bank and TMS Company (Pvt) Ltd., a development focused consulting firm. His academic training includes MBA from Harvard Business School, a Master of City Planning from Massachusetts Institute of Technology (MIT) and a Bachelor of Architecture from Hampton University in the USA. Mawilmada is an old boy of Trinity College.”



**Professor P K S Mahanama**  
Professor- Department of Town & Country Planning  
University of Moratuwa

Professor Mahanama has extensive experience in a diverse range of projects in urban design, planning and managing; coastal urban development, disaster resilient city development, climate resilience, vulnerability mapping, tourism development, environmental impact assessment, environment management information systems, social –economic impact evaluation, sustainable wetland conservation; carried out for public organizations and development agencies. Professor Mahanama earned his BA in Geography from University of Kelaniya and Masters Degree in Town and Country Planning from University of Moratuwa.

### GUEST PANELISTS



**Mangala P B Yapa**  
Chief Executive  
Secretary General  
Ceylon Chamber of Commerce

He was previously the Managing Director and CEO of Colombo Dockyard PLC, a post he held for almost a decade. He is the present President of the National Chamber of Exporters, a member of the Committee of the Ceylon Chamber of Commerce and was previously a Council Member of the National Chamber of Commerce and Industry of Sri Lanka. Apart from his vast experience in the private sector, he also serves in several national/international committees in the maritime sector and business chambers. He hold senior advisory positions in many public sector organizations; National Council on Advanced Design and Manufacturing; University Grants Commission; UNIVOTEC and the Ocean University; National Steering Committee of the Skills Sector Development Plan 2014-2020; Ministry of Ports, Shipping and Highways are among them.



**Suresh Rajendra**  
President  
Property Industry Group | John Keells

Suresh Rajendra President Suresh Rajendra is responsible for the Property industry group of John Keells Holdings PLC. He has over 20 years of experience in the fields of finance, property and real estate, travel and tourism, and business development acquired both in Sri Lanka and overseas. Prior to joining the Group, he was the Head of Commercial and Business Development for NRMA Motoring & Services in Sydney, Australia, Director/General Manager of Aitken Spence Hotel Managements (Pvt) Ltd. and also served on the Boards of the hotel companies of the Aitken Spence Group. Suresh is a Fellow of the Chartered Institute of Management Accountants, UK.



**Michael Scharpf**  
Head – Sustainable Construction  
Lafarge Holcim

He is responsible for the international alignment of activities on sustainable construction solutions across LafargeHolcim. The ambition is to provide tangible customer value with respect to the “Mexico Manifesto: Zero fossil energy – Zero emissions – Zero waste” which was developed during the Holcim Forum for Sustainable Construction held in Mexico City in 2010. Prior to joining LafargeHolcim he held several roles as architect and project manager in Germany, and at the consultancy firm Arcadis where he set up the sustainable construction division. Scharpf is a founding member of the German Sustainable Building Council (DGNB). He is a DGNB-accredited auditor and member of the DGNB Construction Product Board. Scharpf worked as a mason before studying architecture at the University of Hannover, Germany and at the University of Lincoln, USA. He holds an MBA from the University of Applied Sciences in Mainz, Germany.



## “CREATING A WORLD CLASS TRANSPORTATION SYSTEM IN COLOMBO”

Transport reflects the ties between various activities in a city. Transport systems do not only facilitate the movement of persons and goods. Their operating characteristics have a greater impact on land use, economic growth and quality of life. The infrastructure associated with transport is considered fundamental to the economic development of an area. Thus the efficiency and effectiveness of a city's transport infrastructure has a direct bearing on the competitiveness. In Sri Lanka, the recent economic development is having a sizeable impact and demand on transport infrastructure. The visitors to the city are increasing year after year. The massive multibillion Dollar developments that are taking place will also increase the city population, once competed within next few years. Increasing traffic congestion in the city reflects the state of transportation in the city. The loss of productivity and damage to environment is estimated to be in Billions of Rupees every year. The vehicle emission is increasingly becoming a prime cause of respiratory deceases. These problems will exacerbate causing intense economic and social damages unless immediate measures are taken.

### This session will explore:

- 1) The relationship between the quality of transportation infrastructure and city attractiveness and competitiveness
- 2) Features of world class city transportation infrastructure, lessons from global cities on transportation innovation
- 3) The challenges to the city transportation infrastructure and possible solutions
- 4) Deploying technology to understand the accelerating demand for transportation, monitoring and managing the infrastructure.

### SESSION CHAIR



**Gayani de Alwis**  
Chairperson Women in Logistics & Transport (WiLAT)  
Management Consultant/Lecturer

An experienced supply chain professional, Gayani was the former Director, Customer Service of Unilever Sri Lanka LTD responsible for Supply Chain. During her 19 year tenure with Unilever locally and overseas, she has worked in Supply Chain, R&D and Quality Assurance prior to her early retirement to start her own consulting and lecturing career. Gayani is the Chairperson of Women in Logistics and Transport (WiLAT) forum Sri Lanka. She is a Fellow and a Vice President ISMM and a Chartered member and a Vice Chairperson CILT. She is also a Board of Advisor for AIESEC SL. Currently she is a Consultant to many leading blue chip companies and a visiting faculty member for postgraduate programs in leading local and foreign universities. She holds an MBA from Postgraduate Institute of Management (PIM) of University of Sri Jayewardenepura, MSc in Food Process Engineering from University of Reading, and is a Certified Supply Chain Manager (CSCM) of ISCEA, USA.

### KEYNOTE SPEAKERS



**Prof Amal S Kumarage PhD**  
Chairman National Transport Commission  
Department of Transport & Logistics Management  
Faculty of Engineering,  
University of Moratuwa

He was responsible for the development of the Transportation Engineering Division of the University of Moratuwa (1990-1996), thereafter the introduction of the M.Sc. in Transport and the M.Eng. in Highway & Traffic Engineering, the MBA in Infrastructure and most recently the commencement of a new B.Sc. program in Transport & Logistics Management under a new department of study. A former Chairman of the National Transport Commission, Prof Kumarage has serviced in many public sector agencies holding senior positions and in advisory capacities. He has also been an advisor to many multi-lateral financial and development agencies including the World Bank, ADB, JICA. Prof Kumarage is also actively engaged in Civil Society and community services. Prof Kumarage graduated in Civil Engineering of the University of Moratuwa and earned his PhD at the University of Calgary. He is also a Chartered Engineer and a Fellow of the Chartered Institute of Logistics and Transport. He has also published over 40 papers.



**Mangal Dev**  
Director & Head of Rail Systems  
Hitachi India & South Asia

A transport professional with extensive experience in India and south Asia for over twenty years, Dev is presently engaged in introducing Hitachi technology to the region. Previously he led the strategy to establish and enhance ALSTOM portfolio for Rolling Stock, Signaling & Telecomm, Infrastructure and Turnkey portfolios. He earned his Bachelor of Technology degree in Aerospace Engineering from Indian Institute of Technology in 1989 and completed an advanced business management course in International Business Strategy at INSEAD, Singapore and France.



**Guido Bruggeman**  
Urban Transport Expert

### GUEST PANELISTS



**Romesh David**  
President | Transportation Group  
John Keells Holdings PLC

Guido Bruggeman is an urban transport expert with over 30 years' of experience. He graduated as a transport engineer at the Academy for Transport and Traffic in the Netherlands and started his career at the Municipal Transport Company in Amsterdam. In 2000, he joined the European Bank of Reconstruction and Development (EBRD) in London as an Urban Transport Specialist. In this position he was responsible for development of urban transport projects in Eastern-Europe and the former Soviet-Union. Since 2007 he is acting as an independent consultant and advising city governments around the world about how to improve their urban transport system in a sustainable way. Mr. Bruggeman is recognised as an international expert having worked in over 25 countries around the world.

Romesh David, has been with the group for 27 years and has overall responsibility for the Transportation and IT industry groups. He is a member of the National Council for Economic Development (Transport Cluster), a member of the Economic Infrastructure Sub-Committee of the Ceylon Chamber of Commerce and an executive committee member of the Chartered Institute of Logistics and Transport (Sri Lanka Branch). He is a past Chairman of the Sri Lanka Freight Forwarders' Association and the Council for Business with Britain.



**Nimal Chandrasiri**  
Additional Director General – Design  
Road Development Authority

Chandrasiri has extensive experience in designing and managing bridges, highways and structural engineering projects across four decades, holding senior positions at Department of highways, River Valley Development Authority and Road Development Authority. As the Project Director of Southern Transport Development Project (Southern Expressway) he has been responsible for entire project management and monitoring with respect to; funding, overall coordination, handling disputes & arbitration; technical and legal aspects of the project; liaising with government and non government authorities on matters related to land acquisition, utilities, compensation, relocation, grievance redressing. He earned his BSc in Engineering and Masters in engineering in Structural Engineering from University of Moratuwa and is a Fellow of Institute of engineers of Sri Lanka. He is also member of several other professional bodies including the Chartered Institute of Arbitrators. He also has published several technical papers in professional journals.



**Lalithasiri Gunaruwan PhD**  
Senior Lecturer Department of  
Economics University of Colombo

Professional engagements include tenures as the Secretary to the Ministry of Transport of Sri Lanka, the General Manager of the Sri Lanka Railways, a Board Member of the Sri Lanka Transport Board, the National Engineering Research and Development Centre, and the Institute of Policy Studies of Sri Lanka. Research interests include public transportation, railways, energy and environmental economics, and investment planning. Obtained B.Sc. (Physical Sciences) from the University of Colombo, M.Sc. (Energy Technology) from the Asian Institute of Technology, Bangkok, and Doctorate in Economics from the University of Paris Pantheon-Sorbonne.



**Srikant Kadambi**  
Industry Market Development Manager  
Microsoft APAC

He is the APAC Industry Market Development Manager (IMDM) for Microsoft's APAC Public Sector business – a role that plays a critical role in Microsoft's on-going transformation to offering services off the Cloud & the subject matter expert for the energy industry. Srikant has over 25 years' experience in the I.T Industry, having worked for some of the most respected companies – the TATA conglomerate in India, Sun Microsystems, Hewlett Packard, and Microsoft. He also pioneered the evangelization of the rapid prototyping technology (better known today as 3D Printing) in India & across South East Asia, while heading the India operations at Stratasys Inc., as early as the mid 1990's when 3D Printing technology was largely at its infancy.

## "INVESTMENT STRATEGIES AND SUSTAINABLE BUSINESS MODELS FOR GLOBAL CITIES"

KPMG in a recent publication identified that in both the developed and developing world, cities are striving to provide a raft of critical urban infrastructure assets to support their burgeoning – in some cases unrelenting – growth; efficient transportation of people and goods, reliable and low-carbon energy, safe and secure water networks, comfort and security and efficient and scalable social infrastructure will all play central roles in enhancing the competitiveness of cities.

The primary purpose of the session is to make the participants aware of the idiosyncrasies which characterize the challenge of funding infrastructure, need to develop sustainable business models and introduce some of the commonly available funding models and infrastructure management models.

### This session will explore:

- 1) Challenges in funding infrastructure development
- 2) Importance of economic sustainability and financial viability
- 3) Challenges and opportunities unique to Colombo City
- 4) Funding sources and models
- 5) Business models for infrastructure management

## SESSION CHAIR



**Maninda Wickramasinghe**  
Managing Director  
Fitch Ratings

Prior to joining Fitch Ratings Maninda worked as Head of Treasury & Corporate Finance at Dialog Telekom Plc., one of the largest telecommunications company in Sri Lanka. Prior to this he was a Senior Consultant with Ernst and Young for a period of two years. Capital Market Master Plan Project with the SEC, register Clean Development Mechanism projects (CDM) with UNFCCC and bid process management on PPP projects for BOI were among the important assignments along with business plans and strategic plans for corporates. Maninda has 13 years experience in investment banking, and was the Group MD/CEO at First Capital a boutique investment bank. He also worked at Commercial Bank of Ceylon as a Treasury Dealer for 5 years.

He holds a Degree in Civil Engineering from the University of Bombay.

## KEYNOTE SPEAKERS



**Kumudu Gunasekera PhD**  
Transport Economist Director  
Stax Inc

Prior to joining Stax, Kumudu was a Principal with Parsons Brinckerhoff (Washington D.C.), the professional services arm of Balfour Beatty, a global infrastructure group. At Parsons Brinckerhoff, Kumudu successfully led global, multi-disciplinary consulting teams on strategic consulting assignments in Burkina Faso, Canada, Curacao, England, Mali, Nigeria, Panama, Scotland, Qatar, Sri Lanka, and the United States. He was the project director and chief model architect of PRISM™ proprietary (U.S patent pending) transportation software. Kumudu was the founding editor (2006-2013) of the Economic Forecasting Review and a monthly columnist (2007-2013) of Roads & Bridges. Kumudu earned his Ph.D. in Economic Geography, and a joint M.A. in International Relations and Environmental Policy from Boston University. He has a B.A. in Economics from Hobart and William Smith Colleges.



**Yasushi Taira PhD**  
Senior Representative  
JICA

He has 15 years' experience in international development financing first at Japan Bank for International Cooperation (JBIC) and then at JICA after the development financing arm of JBIC was merged with JICA. He also completed a two-year assignment as Section Chief of the Development Institutions Division of Japan's Ministry of Finance, which has oversight for multilateral development banks such as the World Bank, and ADB. As a member of one of the key financing institutions for infrastructure development in Asia, Dr. Taira's experience and involvement covers JICA's development assistance and operations strategy, and oversight and coordination of JBIC/JICA investment projects mainly in South-East and South Asia. Key infrastructure projects under his purview include construction of Swarnabhoomi Airport in Bangkok, Thailand and feasibility study for the Monorail system for Colombo, Sri Lanka. Dr. Taira received his Bachelor's Degree in Law from Keio University of Japan, and MSc. in Regional Science and Ph.D in Applied Economics from Cornell University in USA.



**Arnaud Cachard**  
Director, Head of Export Credit and Global  
Specialized Finance Asia Project and  
Export Finance, Capital Finance  
Asia Pacific  
HSBC

Arnaud has over 16 years experience working with Export Credit Agencies and Development Financial Institutions globally. Over his career Arnaud has originated and executed a wide range of sovereign, corporate and structured transactions with most of the ECAs and Development Agencies in Europe, the Americas and Asia. His transaction experience covers a diversity of sectors, including oil and gas, petrochemicals, power, telecom & space, transportation and other infrastructures and industrial sectors.

Arnaud moved to Hong Kong in 2005 to take part in the creation of the Asia Pacific, Export and Agency Finance team, which has developed over the years into the undisputed market leading franchise in the region. HSBC was voted Best Export Finance Bank in Asia by readers of Global Trade Review magazine (2011 and 2012), as well as Trade Finance Magazine (2012, 2013).

Arnaud holds a Master in Finance from ESCP Europe, France.

## GUEST PANELISTS



**Thilan Wijesinghe**  
Founder Chairman and CEO  
TWC Corp

Thilan has been involved in setting up and running real estate companies since 2002. He has led the two largest listed property companies in Sri Lanka and co-founded the award winning resort, Ceylon Tea Trails, in partnership with makers of Dilmah Tea. He has also served on Boards of public sector statutory organizations such as the Urban Development Authority, National Housing Development Authority and Advisory Committee of the Tourism Authority. Thilan's combined private and public sector experience has provided him with valuable experience covering all aspects of real estate development from regulatory and legal matters to construction.



**Amali Rajapaksa**  
Senior Infrastructure Specialist  
South Asia  
World Bank

Amali joined the Bank as an Infrastructure Specialist covering the Bank's portfolio on transport, energy and water. Having joined at the inception of the Bank's involvement in the transport sector, she has contributed greatly to the growth of the transport sector within the Bank's portfolio in Sri Lanka. Prior to joining the Bank, Amali has worked for the Government of Sri Lanka at the Bureau of Infrastructure Investments which was responsible for facilitating private investment in to infrastructure projects. During this time she worked as Director (Power and Ports) specializing in providing financial advice on Public-Private Partnership (PPP) transactions. Prior to this, she has worked for IBM in the United Kingdom. Amali is a fellow of the Chartered Institute of Management Accountants (UK) with a Masters degree in Business Finance from Brunel University in UK.



## “REIMAGINING COLOMBO THROUGH TECHNOLOGY”

Technology and innovation are always large catalysts of change, but these changes tend to happen in the private sector first. However, these changes can be instilled within government as well. During the recent past there has been a momentum gathering on deploying technology for urban development and management with an objective of improving livability and city management.

Citizens and businesses can now expect more seamless, personalized, and convenient self-service options for interacting with government organizations, across multiple channels, regardless of time and location. How such expectations of citizens and businesses could be met through deployment of technology?

Technology makes infrastructure intelligent. Solutions for sustainable power distribution, efficient traffic systems and efficient, intelligent buildings are contributing to resilience and sustainability of cities. Integrated systems and automated technologies such as smart grids, intelligent buildings and mobility solutions to keep people on the move help to create a smart infrastructure built to last.

**This session will help the audience to understand how the technology is:**

- 1) Making cities resilient and sustainable
- 2) Enhancing the livability of cities
- 3) Improving the citizen services
- 4) Making city governments transparent, collaborative, accountable, productive and efficient

### SESSION CHAIR



**Rohan Jayaweera**  
COO  
Antyra Solutions and  
Fmr Country Consultant/Google

Rohan was the first employee of Google for Sri Lanka and during his time he helped brands, organizations and the Sri Lankan government to develop its digital practices. He managed all engagements to and from Google for Sri Lanka during his tenure, which included digital practice, policy framework, publisher, video & telco partnerships, community and entrepreneurship development. Rohan has a deep understanding of channel/partner synergies and eco-system development having worked for some of the leading technology brands in the world. Rohan is passionate about entrepreneurship. He is a key note speaker, presenter, and moderator for numerous events & was invited to speak at the inaugural TEDx in SL on entrepreneurship.

### KEYNOTE SPEAKERS



**Jaijit Bhattacharya PhD**  
Partner, Infrastructure and  
Government Services  
KPMG India

Jaijit Bhattacharya is a noted Government transformation expert and is Partner at KPMG. He is also President of Centre for Digital Economy Policy Research (C-DEP) and Adjunct Professor at IIT Delhi. He has been responsible for the creation of the next generation of solutions for governments, based on open standards. Bhattacharya advises governments on e-governance strategies. He is an e-Governance advisor to Government of Sri Lanka and has been conducting training for ADB institute in Tokyo on Public Expenditure Management and has helped World Bank develop curriculum for their e-Leadership program. Bhattacharya was also part of the Army IT Advisory Committee constituted by the then Chief of Army Staff. He also delivers invited lectures at INSEAD Singapore campus, IIT Roorkee and at IIM Calcutta. Bhattacharya also coined the terms “Technological Sovereignty” and “Participative Governance”



**Vivek Puthucode**  
General Manager – APAC  
Microsoft

Vivek Puthucode is the Public Sector business leader for Microsoft Asia Pacific region responsible for all aspects of the business driving Microsoft's strategy and execution in Public Sector. Vivek has more than 18 years' experience in delivering ICT projects and program to Public Sector agencies particularly in Australia and New Zealand Government. Prior to joining Microsoft, Vivek worked for SAP leading their Public Services and Healthcare business for the Asia Pacific and Japan region.



**Ravinder Pal Singh**  
Consulting Director  
Internet of Everything &  
Smart Communities  
Cisco Consulting Services

Ravinder Pal Singh is a Senior Consultant and Expert in Digital infrastructure solutions to create Smart & connected Communities. Ravinder has more than 19 years experience in the business & technology consulting, Enterprise Architecture and solutions mainly in the areas of Industry vertical solutions and network technology Solutions. Ravinder has managed several roles mainly in Enterprise Architecture, Solution Architecture & design, Project & Program management, Service delivery and services Management. Ravinder has consulted and managed projects with diverse streams of segments like government, manufacturing, R&D, Media, IT & ITES, Telcos and Retail customers. He has 2 patent applications submitted in the areas of Data center and Security. Ravinder is a regular speaker in national and international forums around Internet of Everything and Smart Communities. Some of his articles have been published in leading publications.

### GUEST PANELISTS



**Muhunthan Canagey**  
Managing Director  
ICTA

Muhunthan Canagey has been in the ICT industry for over two decades and is one of the country's youngest entrepreneurs. He stepped into the field of IT at a very young age of 16. Canagey holds a Master's Degree in Information Technology from the University of Keele (UK) and has extensive knowledge of the industry. He was the founder and CEO of multiple technology enterprises and was the founder and CEO of a highly successful enterprise in the area of satellite communication and media: a first of this nature to be formed in Sri Lanka. The ICTA Chairperson & Board of Directors whilst appreciating the dedicated services of Reshan Dewapura towards ICTA stated that “during Dewapura's tenure as CEO & COO he helped steer the World Bank Funded e-Sri Lanka Development Project to a successful conclusion”



**Faiq Faiz**  
Executive VP  
MillenniumIT

Faiq Faiz currently heads MillenniumIT's systems integrator business and has over 15 years of experience in the technology industry. He is responsible for managing the continued growth of the company, with a strategic initiative to grow the business globally. Prior to rejoining MillenniumIT in his current capacity, Faiq, together with Tony Weeresinghe and a few others, was one of the founding members of MillenniumIT. He was initially involved in Business Development for the company and subsequently took on the role of the Head of Engineering. He holds a BSc in Computer Engineering from the University of Texas at El Paso.



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