



PROCEEDINGS OF THE GLOBAL CITIES SUMMIT

May 15-16, 2014 | Toronto, Canada

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Organized by:



UNIVERSITY OF TORONTO
JOHN H. DANIELS FACULTY OF
ARCHITECTURE, LANDSCAPE, AND DESIGN

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Proceedings of the Global Cities Summit

May 15-16, 2014 | Toronto, Canada

ABOUT THE CONFERENCE PROCEEDINGS

The Global Cities Summit was hosted by the Global City Indicators Facility part of the Global Cities Institute at the John H. Daniels Faculty of Architecture, Landscape and Design, University of Toronto. The Summit was held at the Sheraton Centre in Toronto, Canada from May 15th-16th, 2014.

The Global Cities **Summit convened global leaders from the world's** cities, businesses, the United Nations and other international agencies, universities, and planning and design practices. The Summit provided an opportunity for cities and their partners to learn, share and exchange experiences across a wide spectrum of big ideas and innovative solutions for cities under the theme, *Getting on Track: Sustainable & Inclusive Prosperity for Cities*. The Summit also featured an Innovations Marketplace (trade exhibit) showcasing an exclusive number of leading innovators with sustainable and cutting-edge solutions for cities, as well as a poster competition for students of Ontario universities and colleges on the same theme.

Media coverage of the Summit is listed in Appendix II. Speakers were invited to make their presentations available by PDF or video, which are listed in Appendix III. Video of the conference presentations will be available on the [Global Cities Institute website](#).



WCCD | LAUNCH OF THE WORLD COUNCIL ON CITY DATA



The World Council on City Data (WCCD) and the new ISO Standard for cities were launched at the Global Cities Summit on May 15. ISO37120 *Sustainable Development of Communities- Indicators for City Services and Quality of Life* is the first ISO international standard on city indicators and was developed using the GCIF framework and input from international organizations, corporate partners and international experts from over 20 countries.

The WCCD is the evolution of the GCIF city indicators program in conformity with the newly published ISO 37120. It was announced that the WCCD will begin implementation of ISO 37120 with 17 foundation cities. The pilot cities were introduced by Patricia McCarney. All of the foundation cities were in attendance at the Summit with the exception of São Paulo and London. London was present by a video prepared in advance of the Summit, featuring Andrew Collinge and Sir Edward Lister.

Foundation Cities and representatives who joined the launch at the Global Cities Summit:

- Amman, Jordan – Akram Khraisat
- Barcelona, Spain – Vicente Guallart
- Bogotá, Colombia – Mary Luz Pinzón Romero
- Buenos Aires, Argentina – Fernando Alvarez de Celis
- Dubai, UAE – Mohammad Jaljouli
- Guadalajara, Mexico – David Gomez Alvarez
- Haiphong, Vietnam – Pham Qhoc Ka
- Helsinki, Finland – Ari Jaakola
- Johannesburg, South Africa – Tinashe Mushayanyama
- London, United Kingdom (present by video)
- Makati, Philippines – Violeta Seva
- Makkah, Saudi Arabia – Dr. Osama Al-Bar
- Minna, Nigeria – Abdul Husaini
- Rotterdam, The Netherlands – Nico Tillie
- São Paulo, Brazil (unable to attend)
- Shanghai, China – Qian Zhi
- Toronto, Canada – Joseph Pennachetti



World Council on City Data 17 Foundation Cities

SPONSORS | KEY SPONSORS SUPPORTED THE GLOBAL CITIES SUMMIT

The Global Cities Summit was made possible through generous grants from the Ministry of Municipal Affairs and Housing in the Province of Ontario, Canada and the Connaught Foundation of the University of Toronto, and through generous support of Summit sponsors including:

- Microsoft Corporation
- Philips
- Siemens Canada Ltd.
- Stikeman Elliott LLP; and
- City of Toronto.

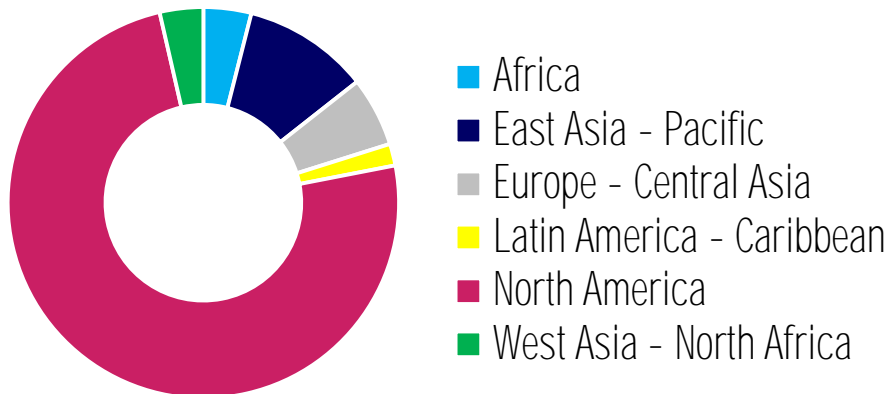
The Global City Indicators Facility was also supported by media partners *ReNew Canada* and *Public Sector Digest* and transportation partner UBER.



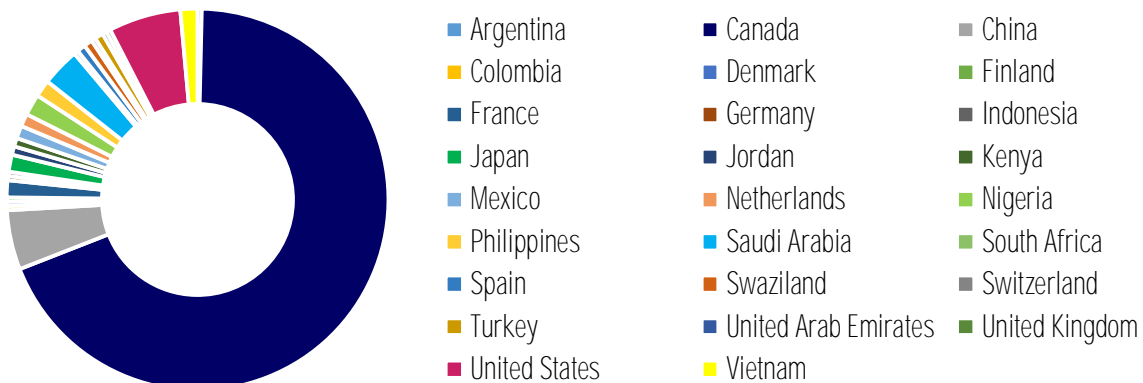
Global Cities Summit Sponsors and Partners

DELEGATES | 26 COUNTRIES AND 103 CITIES REPRESENTED

Delegates from all regions attended the Summit, representing 26 countries and 103 cities worldwide. The largest proportion of delegates came from the Toronto area in Canada – while sizable delegations also attended from: Beijing, Shanghai and Wuhan, China; the United States; Makkah and Riyadh, Saudi Arabia; Haiphong, Vietnam; and Minna/Niger State, Nigeria.



Proportion of delegates by region



Proportion of delegates by country

SPEAKERS | 62 SPEAKERS SHARED THE EXPERIENCES OF THEIR CITIES, BUSINESSES OR ORGANIZATIONS

Speakers at the Global Cities Summit represented leaders from cities, businesses, the United Nations and international organizations, and planning and design practices.

A



Dr. Osama Fadli Al-Bar | Mayor, Holy City of Makkah | Makkah, Saudi Arabia



Eng. Ahmed Hussain Alkhlagi | Office of the Mayor, Makkah, Saudi Arabia | Executive Director, Makkah Urban Observatory | Makkah (Mecca), Saudi Arabia



Eng. Abdulrahman Alsultan | Director, Research & Studies, Riyadh, Saudi Arabia



Fernando Alvarez de Celis | Director General of Planning, Planning Secretariat, Ministry of Urban Development, City of Buenos Aires | Buenos Aires, Argentina

B



Ron Baker | Distinguished Engineer, Chief Architect for Smarter Cities & Operations, IBM | Austin, USA



Carl Bodimeade | Senior Vice-President, Hatch Mott MacDonald | Chair, Ontario Coalition for Sustainable Infrastructure | Niagara Falls, Canada



Gillian Booth | **Clinician Scientist, St. Michael's Hospital** | Professor, Department of Medicine, University of Toronto | Toronto, Canada



Alan Broadbent | Chairman & Founder, Maytree | Chairman, Avana Capital Corporation | Toronto, Canada

C



Brock Carlton | Chief Executive Officer, Federation of Canadian Municipalities (FCM) | Ottawa, Canada



Lucy Casacia | Vice President, Low and Medium Voltage Division; Cities Manager, GTHA and 2015 Pan/Parapan Am Games Program Manager, Siemens Canada Limited | Oakville, Canada

D



Shanfeng Dong | General Manager, Bluepath City Consulting | Beijing, China

E



Senator Art Eggleton | Senator, Canada | Chair, Global City Indicators Facility, University of Toronto | Toronto, Canada



Mohamed El-Sioufi | Coordinator, Housing and Slum Upgrading Branch, UN-HABITAT | Coordinator, Global Housing Strategy | Chalmers 150th Jubilee Visiting Professor | Chair, Urban Revitalization of Mass Housing international competition | Nairobi, Kenya



Isao Endou | Secretary, ISO/TC 268/SC 1 "Smart community infrastructures" | Mizuho Information & Research Institute | Chiyoda-ku, Japan

F



Helen Santiago Fink | Senior Programme Officer, Buildings and Cities; Acting Head, Built Environment Unit, United Nations Environment Programme (UNEP/DTIE) | Paris, France



Mila Freire | Senior Advisor, The World Bank | Professional Lecturer, Johns Hopkins University | Bethesda, United States of America

G



Vicente Gualart | Chief Architect, Barcelona City Council | Barcelona, Spain

H



Maarten Hajer | Director, Netherlands Environmental Assessment Agency | Professor, Public Policy, University of Amsterdam | Amsterdam, The Netherlands



Robert Hardt | President & CEO, Siemens Canada Limited | Oakville, Canada



Jose Luis Hernandez | Project Manager, Climate Change & Sustainability, CSA Group | International Secretary, ISO/TC268/WG2 City Indicators | Mississauga, Canada



Daniel Hoornweg | Associate Professor & Jeffrey Boyce Research Chair, University of Ontario Institute of Technology | Chief Safety and Risk Officer, Government of Ontario | Toronto, Canada



Dr. Abdul Husaini | General Manager, Niger State Geographic Information Systems | Minna, Nigeria

J



Ari Jaakola | Statistics and Information Services, Urban Facts, City of Helsinki | Helsinki, Finland



Michael Jansen | Chairman & Chief Executive Officer, Cityzenith | Founder, Satellier | Menlo Park, USA



Zhao Jun | Division Director, Shanghai Municipal Commission of City Development and Transport, **Shanghai Municipal People's Government** | Shanghai, China

K



Norm Kelly | Deputy Mayor & Councilor, City of Toronto | Toronto, Canada



Chris Kennedy | Professor, Civil Engineering | Director, Cities & Engineering Management, University of Toronto | President-elect, International Society for Industrial Ecology | Toronto, Canada



Eng. Akram Khraisat | Director, Amman Urban Observatory, Greater Amman Municipality | Amman, Jordan

L



Michinaga Kohno | President and Chief Executive Officer, Michi Creative City Designers Inc. | Tokyo, Japan



Andrew Laing | Global Practice Leader, Strategy Plus practice, AECOM | New York City, USA



Jacques Lair | Chairman, Technical Committees ISO/TC 59/SC 17 & ISO/TC 268 | Paris, France



Calvin Lantz | Partner, Municipal and Public-Private Partnership/Infrastructure Group, Stikeman Elliot LLP | Toronto, Canada



Bernard Leservoisier | Secretary, ISO TC268 & TC268 WG1 Management Systems, AFNOR Group - AFNOR Standardization | Paris, France



Matthew Lynch | Project Director, Urban Infrastructure Initiative, World Business Council for Sustainable Development | Geneva, Switzerland

M



Dr. Mary Ma | ISO TC268 WG1 Expert; expert of IEC smart city SEG1 | VP, iSoftStone Group | Engineer, Digital City Engineering Research Center, MoHURD | Consultant, National Smart City Industrial Technology Innovation Strategic Alliance | Beijing, China



Gora Mboup | Chief, Global Urban Observatory, UN-HABITAT | Author **"Streets as Public Spaces and Drivers of Urban Prosperity"** | Nairobi, Kenya



Patricia McCarney | Professor, Political Science | Director, Global City Indicators Facility | Director, Global Cities Institute | University of Toronto | Toronto, Canada



Anne McIlroy | MCIP, MRAIC | Principal, Brook McIlroy | Toronto, Canada

N



Tinashe Mushayanyama | Director, Strategic Information & Research, City of Johannesburg | Johannesburg, South Africa



Helen Ng | ISO TC268 WG2 City Indicators Expert | Program Coordinator, Global City Indicators Facility, University of Toronto | Toronto, Canada

P



Joseph Pennachetti | City Manager, City of Toronto | Toronto, Canada

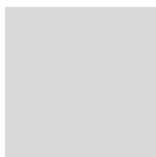


Mary Luz Pinzon Romero | Deputy of Sectoral Analysis, Secretariat of Finance, City of Bogotá | Bogotá, Colombia



Martin Powell | Head of Urban Development, Global Centre of Competence for Cities, Siemens AG | London, United Kingdom

R



Irene Del Rosario | City Councilor, Sanggunian Panlungsod Member, City of San Jose del Monte | San Jose del Monte, Philippines

S



Saskia Sassen | Professor, Sociology; Co-Chair, Committee on Global Thought, Columbia University | New York City, USA



Doug Saunders | International Affairs Columnist & Author, The Globe and Mail | Toronto, Canada



Violeta Seva | Senior Advisor to the Mayor, City of Makati | Makati, Philippines



Roger Sherman | Co-Director, cityLAB | Adjunct Professor, UCLA | Principal, Roger Sherman Architecture + Urban Design | Los Angeles, USA



Richard Sommer | Dean, Professor of Architecture & Urbanism, John H. Daniels Faculty of Architecture, Landscape & Design, University of Toronto | Toronto, Canada



Andrew Storey | Vice President, Consumer Insights & Analytics, Scotiabank | Toronto, Canada



Richard Stren | Emeritus Professor, Political Science & Public Policy, University of Toronto | Toronto, Canada

T



Riadh Tappuni | Director, Development and Design International | Toronto, Canada; Beirut, Lebanon



Nico Tillie | Landscape Architect & European Union Liaison, City of Rotterdam | Assistant Professor, Landscape Architecture, Delft University of Technology | Rotterdam, The Netherlands



Noah Toly | Associate Professor, Urban Studies and Politics & International Relations; Director, Urban Studies Program, Wheaton College | Wheaton, USA

V



Niels Van Duinen | Director of Business Development, Global Lighting Systems, Business Group Professional Lighting Solutions, Philips Lighting | Burlington, USA



Dr. Nguyen Van Thanh | Chairman of Haiphong City People's Council, City Party Secretary | Haiphong, Vietnam



Harry Verhaar | Head, Global Public & Government Affairs, Philips Lighting | Eindhoven, The Netherlands

W



Dave Welsh | Senior Standards Program Manager, Corporate Standards, Microsoft Corporation | Redmond, USA



Michael Williams | General Manager, Economic Development & Culture,
City of Toronto | Toronto, Canada



Leslie Woo | Vice-President, Policy, Planning & Innovation, Metrolinx |
Toronto, Canada

Y



Paul Young | Vice President, Research & Innovation; Professor, Civil
Engineering, University of Toronto | Toronto, Canada

Z



Dr. Qian Zhi | Division Director, Development Research Center, Shanghai
Municipal **People's Government** | Shanghai, China

AGENDA

The Global Cities Summit included two days of plenary sessions and panel discussions, receptions, a gala dinner, innovations marketplace (trade exhibit) and student competition. Highlights from the programme are summarized below, followed by keynote and plenary session descriptions.

HIGHLIGHTS

WEDNESDAY,
MAY 14, 2014

WELCOME RECEPTION

THURSDAY,
MAY 15, 2014

WELCOME & OPENING CEREMONY

OPENING PLENARY | Sustainable + Inclusive Prosperity for Cities
Sponsored by Stikeman Elliott LLP

LUNCH

ANNOUNCEMENT | Launch of World Council on City Data (WCCD) | Patricia McCarney, Director, Global City Indicators Facility | Senator Art Eggleton, Chair, Global City Indicators Facility

VIDEO | Andrew Collinge, Assistant Director of Intelligence, Greater London Authority | Sir Edward Lister, Chief of Staff, Greater London Authority, London, United Kingdom | Voice of Boris Johnson, Mayor of London

PLENARY 2 | Global Standards for Global Cities: The Changing World of International Standards for Cities

VIDEO: Kevin McKinley, ISO Deputy Secretary-General

PLENARY 3 | Smart + Sustainable Cities: Innovations, Opportunities, and Partnerships
Sponsored by Philips

RECEPTION &
GALA DINNER

SIEMENS "STREETS OF TORONTO" RECEPTION | Toronto City Hall
Sponsored by Siemens

Joseph Pennachetti, City of Toronto, Toronto, Canada
Robert Hardt, Siemens Canada Ltd., Toronto, Canada

MICROSOFT GALA DINNER
Sponsored by Microsoft

Dave Welsh, Microsoft Corporation, Redmond, USA
Saskia Sassen, Columbia University, New York City, USA

FRIDAY, OPENING KEYNOTE
MAY 16, 2014

Brock Carlton, Federation of Canadian Municipalities, Ottawa, Canada

PLENARY 4 | Globally Networked Urbanism: Planning + Design for Well-Being

PLENARY 5 | Building Resilience + Overcoming Risk: Infrastructure Solutions + City Metabolism

LUNCH & KEYNOTE ADDRESS

Doug Saunders, The Globe and Mail Newspaper, Toronto, Canada
George Baird, University of Toronto, Toronto Canada

PLENARY 6 | The Cities Panel: City Data for Informed Decision Making

PLENARY 7 | Governing the World's Cities: Building more Equitable + Inclusive Societies

CLOSING CEREMONY & STUDENT COMPETITION AWARDS

KEYNOTES & PLENARIES

DAY 1 | THURSDAY, MAY 15, 2014

OPENING CEREMONY |

The Global Cities Summit was opened by Senator Art Eggleton, Chair of the Global City Indicators Facility (GCIF) at the University of Toronto. Local First Nations Traditional Healer Mike Ormsby welcomed delegates and performed a smudging ceremony. City of Toronto Deputy Mayor Norm Kelly welcomed delegates to Toronto and presented Senator Eggleton and Professor Patricia McCarney **with plaques honouring the GCIF's** contribution to cities in Canada and worldwide. Paul Young, Vice President of Research and Innovation, welcomed delegates on behalf of the University of Toronto. Lastly, Patricia McCarney, Director of the GCIF, introduced the theme of the Summit, *Getting on Track: Sustainable and Inclusive Prosperity*, and gave the **"Welcoming Address to the Global Cities Summit."**

SPEAKERS:

1. Senator Art Eggleton, Senate Canada, Toronto, Canada
2. Elder Mike Ormsby, Toronto, Canada
3. Deputy Mayor Norm Kelly, City of Toronto, Canada
4. Paul Young, University of Toronto, Canada
5. Patricia McCarney, Global Cities Institute, University of Toronto, Canada

OPENING PLENARY | Sustainable + Inclusive Prosperity for Cities

Cities are economic engines that are responsible for more than 70% of the world's GDP. This panel, sponsored by Stikeman Elliott LLP and chaired by Calvin Lantz of Stikeman Elliott LLP, set the tone of the Summit from the perspective of some of the most well-known global cities today, including Barcelona, London, Makkah (Mecca), Shanghai and Toronto, together with UN-HABITAT, a key international organization tracking global urbanization trends. This plenary focused on how cities are changing and framing the prosperity agenda. Panelists discussed how competitiveness is being achieved by cities and what challenges exist for achieving both a more sustainable and an inclusive prosperity.

SPEAKERS:

1. Mayor Osama Fadli Al-Bar, Holy City of Makkah, Saudi Arabia
2. Martin Powell, Siemens AG, London, United Kingdom
3. Michael Williams, Economic Development & Culture, City of Toronto, Toronto Canada
4. Gora Mboup, UN-HABITAT, Nairobi, Kenya
5. Qian Zhi, **Development Research Center of the Shanghai Municipal People's Government, Shanghai, People's Republic of China**
6. Vicente Guallart, Barcelona City Council, Barcelona, Spain

LUNCHTIME ANNOUNCEMENT | Launch of ISO 37120 and the World Council on City Data (WCCD)

Lunch was accompanied by an announcement of the launch of ISO 37120 and the World Council on City Data (WCCD) by Patricia McCarney, Director of the Global City Indicators Facility and Art Eggleton, Chair of the Global City Indicators Facility at the University of Toronto. The WCCD was introduced as the next step for the Global City Indicators Facility following the publication of the new international standard ISO 37120. The World Council on City Data (WCCD) will become a global pioneer for open, verified city data that will enable sharing amongst social agents and public entities for the sustainable development of cities around the world. The WCCD will work with the following 17 foundation cities to pilot ISO 37120: Amman, Jordan; Barcelona, Spain; Bogotá, Colombia; Buenos Aires, Argentina; Dubai, UAE; Guadalajara, Mexico; Haiphong, Vietnam; Helsinki, Finland; Johannesburg, South Africa; London, UK; Makati, Philippines; Makkah, Saudi Arabia; Minna, Nigeria; Rotterdam, the Netherlands; São Paulo, Brazil; Shanghai, China; and Toronto, Canada. The announcement included a video from Andrew Collinge, Assistant Director of Intelligence at the Greater London Authority, expressing **London's** enthusiasm to be a foundation city in the WCCD pilot, the first phase in the implementation of the ISO standard for cities.

PLENARY 2 | Global Standards for Global Cities: The Changing World of International Standards for Cities

The second plenary session, chaired by Patricia McCarney, provided an introduction to the new standard for cities, *ISO 37120 Sustainable Development of Communities - Indicators for City Services and Quality of Life* and the work of the ISO Technical Committee on Sustainable Development in Communities (ISO/TC268). Until just a few years ago, international standards were not directly concerned with cities. ISO/TC 268 has been pioneering the work of standards for cities by developing a series of standards for a holistic approach to sustainable development in cities and communities. A video from Kevin McKinley, ISO Deputy Secretary-General, introduced the newly published standard to delegates. Speakers on this panel shared what this new world of standards means for cities, industry, infrastructure, investment and city metrics.

SPEAKERS:

1. Jacques Lair, International Organisation for Standardization (ISO) TC268 Sustainable Development in Communities, Paris, France
2. Bernard Leservoisier, International Organisation for Standardization (ISO) TC268 & TC268 WG1 Management Systems, AFNOR Group Standardization, Paris, France
3. Jose-Luis Hernandez, International Organisation for Standardization (ISO) TC268 WG2 City Indicators, Canadian Standards Association, Toronto, Canada
4. Helen Ng, Global City Indicators Facility (GCIF), University of Toronto, Toronto, Canada
5. Isao Endou, International Organisation for Standardization (ISO) TC268 & SC1, Tokyo, Japan

DISCUSSANTS:

1. Joseph Pennachetti, City of Toronto, Toronto, Canada
2. Nico Tillie, City of Rotterdam & Delft University of Technology, Rotterdam, The Netherlands
3. Dave Welsh, Microsoft Corporation, Redmond, USA

PLENARY 3 | Smart + Sustainable Cities: Innovations, Opportunities, and Partnerships

The third plenary session, sponsored by Philips and chaired by Mila Freire of the World Bank, presented the **terms “smart” and “sustainable” cities, which have seen growing traction globally and locally. Speakers from industry and the non-profit sector discussed how they are partnering with cities to integrate smart technology and sustainable practices that also enhance economic prosperity in cities.**

SPEAKERS:

1. Harry Verhaar, Philips Lighting, Eindhoven, The Netherlands
2. Ron Baker, IBM, Austin, USA
3. Michael Jansen, Cityzenith, Menlo Park, USA
4. Shanfeng Dong, Bluepath City Consulting, Beijing, China
5. Helen Santiago Fink, United Nations Environment Programme (UNEP), Paris, France
6. Matthew Lynch, World Business Council for Sustainable Development, Geneva, Switzerland

EVENING | CITY RECEPTION & GALA DINNER

SIEMENS “STREETS OF TORONTO” RECEPTION

The “Streets of Toronto” Reception, sponsored by Siemens, welcomed international delegates to a Toronto-themed cocktail reception hosted at the Toronto City Hall. Guest speakers included Joseph Pennachetti, City Manager of the City of Toronto, and Robert Hardt, President and CEO of Siemens Canada. The reception showcased local food menus from **Toronto’s many culturally diverse neighbourhoods** and music from the University of Toronto Faculty of Music. Delegates were given tours of Toronto **City Hall’s Council Chambers**.

MICROSOFT GALA DINNER

The gala dinner, sponsored by Microsoft provided delegates with a Canadian-themed dinner and live entertainment by singers from the University of Toronto opera program at the Faculty of Music and Toronto Guitarist Peter Mathers. Dave Welsh, Senior Standards Program Manager at Microsoft Corporation, and Saskia Sassen, Professor of Sociology at Columbia University, offered delegates with remarks on the theme of the Summit.

DAY 2 | FRIDAY, MAY 16, 2014

OPENING KEYNOTE

To open Day 2 of the Summit, Brock Carlton, CEO of the Federation of Canadian Municipalities (FCM) addressed delegates. Mr. Carlton introduced the FCM, describing its work and history with city indicators to advocate for Canadian municipalities on the national level and provide expertise and assistance to municipalities internationally. As CEO, he has focused on a collaborative organizational culture and enhanced member **engagement as pillars of FCM's success.**

PLENARY 4 | Globally Networked Urbanism: Planning + Design for Well-Being

This panel, chaired by Anne McIlroy from the design firm, Brook McIlroy, addressed the complex and interrelated challenges of contemporary city building and design in a global context. The panelists explored strategies ranging from the design of transit networks and hubs; the role of the built environment in public health, urban intensification and conservation, housing investment for poverty alleviation, and the role of technology in the design of place. These highly interrelated strategies presented insights into alternative futures and city transformations, creating new possibilities for city-to-city exchange and networking.

SPEAKERS:

1. Nico Tillie, City of Rotterdam & Delft University of Technology, Rotterdam, The Netherlands
2. Andrew Laing, AECOM, New York City, USA
3. Mohamed El-Sioufi, UN-HABITAT, Nairobi, Kenya
4. Gillian Booth, **St. Michael's Hospital & University of Toronto, Toronto, Canada**
5. Leslie Woo, Metrolinx, Toronto, Canada
6. Roger Sherman, cityLAB & UCLA, Los Angeles, USA
7. Richard Sommer, John H. Daniels Faculty of Architecture, Landscape and Design, University of Toronto, Toronto, Canada

PLENARY 5 | Building Resilience + Overcoming Risk: Infrastructure Solutions + City Metabolism

This plenary, chaired by Lucy Casacia of Siemens Canada, addressed the widening range of risks faced by cities, such as extreme weather events and natural disasters and the impacts from these events on the lives of people and the economies of cities. Panelists discussed responses for building more resilient cities, including policy tools, technologies and infrastructure solutions available to address risk, measure and improve energy efficiency. Examples of responses included stormwater management planning in Shanghai, early warning systems and hazard mapping in Makati, **and examining city metabolism to better understand a city's energy supply and demand.**

SPEAKERS:

1. Violeta Seva, City of Makati, Makati, Philippines
2. Zhao Jun, Shanghai Municipal Commission of City Development and Transport, Shanghai, China
3. Niels Van Duinen, Philips Lighting, Burlington, USA
4. Carl Bodimeade, Hatch Mott MacDonald & Ontario Coalition for Sustainable Infrastructure, Niagara Falls, Canada
5. Michinaga Kohno, Michi Creative City Designers Inc., Tokyo, Japan
6. Chris Kennedy, University of Toronto & International Society for Industrial Ecology, Toronto, Canada
7. Dan Hoornweg, University of Ontario Institute of Technology & Government of Ontario, Toronto, Canada

LUNCH & KEYNOTE ADDRESS

In this lunchtime keynote address, Doug Saunders, columnist for the Globe and Mail's international-affairs column, presented his book *Arrival City* (2010). Through a presentation of photographs and stories, Doug Saunders introduced the audience to a number of migrants. As described on its website, *Arrival City* argues that “cities and nations that provide citizenship and opportunity to migrants stand to benefit as the migrant class evolves into a middle class, and he explains why those that ignore these people will see increased social unrest, poverty, **and religious fundamentalism**”. George Baird, former Dean of the John H. Daniels Faculty of Architecture, Landscape and Design, provided remarks following Doug **Saunders’ presentation.**

PLENARY 6 | The Cities Panel: City Data for Informed Decision Making

The cities panel, chaired by Nico Tillie of the City of Rotterdam and Delft University of Technology, brought together representatives from GCIF member cities to discuss their use of indicators to inform data-driven policy planning and decision making. Established programs using GCIF indicators, as well as future uses for indicators such as through the new ISO 37120 and World Council for City Data were also discussed.

SPEAKERS:

Part 1: City Perspective

1. Dr. Nguyen Van Thanh, **Haiphong City People's Council, Haiphong, Vietnam**
2. Eng. Ahmed Hussain Alkhlagi, City of Makkah & Makkah Urban Observatory, Makkah (Mecca), Saudi Arabia
3. Ari Jaakola, City of Helsinki, Helsinki, Finland
4. Tinashe Mushayanyama, City of Johannesburg, Johannesburg, South Africa
5. Eng. Abdulrahman Alsultan, City of Riyadh, Riyadh, Saudi Arabia
6. Mary Luz Pinzon, City of Bogotá, Bogotá, Colombia
7. Fernando Alvarez de Celis, Ministry of Urban Development, Buenos Aires, Argentina

Part 2: City Conversation

8. Dr. Abdul Husaini, Niger State, Minna, Nigeria
9. Irene Del Rosario, City of San Jose Del Monte, Philippines
10. Eng. Akram Khraisat, City of Amman, Jordan

PLENARY 7 | **Governing the World's Cities:** Building more Equitable + Inclusive Societies

In this final plenary, chaired by Andrew Storey of Scotiabank, leaders from cities, government agencies, the academy and non-profit sector discussed strategies for effective governance in the complex milieu of cities, technology, information and innovation. Panelists considered the balance between the need for a global outlook for competitiveness and meeting the needs of diverse cultural and socioeconomic groups in cities.

SPEAKERS:

1. Dr. Abdul Husaini, Niger State, Minna, Nigeria
 2. Maarten Hajer, Netherlands Environmental Assessment Agency, The Hague & University of Amsterdam, Amsterdam, The Netherlands
 3. Richard Stren, University of Toronto, Toronto, Canada
 4. Riadh Tappuni, Toronto, Canada & Beirut, Lebanon
 5. Dr. Mary Ma, MoHURD, Beijing, China
 6. Noah Toly, Wheaton College, Wheaton, USA
 7. Alan Broadbent, Maytree & Avana Capital Corporation, Toronto, Canada
-

INNOVATIONS MARKETPLACE | 16 BUSINESSES, CITIES, INSTITUTIONS AND ORGANZATIONS EXHIBITED

COMPANY/ORGANIZATION	WEBSITE	EMAIL
Brook McIlroy	www.brookmcilroy.com	ewall@brookmcilroy.com
City of Makati	www.makati.gov.ph	violeta.seva@gmail.com
City of Rotterdam	www.rotterdam.nl	nmjd.tillie@rotterdam.nl
City of Toronto - Environment and Energy Division	www.toronto.ca	rrupert@toronto.ca
Cityzenith	www.cityzenith.com	m.jansen@cityzenith.com
Clean Air Asia	www.cleanairinitiative.org	glynda.bathan@cleanairasia.org
Durham York Energy Centre (Region of Durham, York Region, and Covanta)	www.durhamyorkwaste.ca	giosoph.anello@durham.ca ; elizabeth.lockett@Durham.ca
FieldWorker Mobile Solutions	www.fieldworker.com	peter.neve@fieldworker.com
Global City Indicators Facility	www.cityindicators.org	helen.ng@globalcities.ca
John H. Daniels Faculty of Architecture, Landscape and Design	www.daniels.utoronto.ca	dale.duncan@daniels.utoronto.ca
Novus Environmental	www.novusenv.com	nigelt@novusenv.com
PATCH - STEPS Initiative	www.stepsinitiative.com	vera@stepsinitiative.com
Public Sector Digest	www.publicsectordigest.com	tsutton@publicsectordigest.com
Toronto and Region Conservation Authority	www.trca.on.ca	vmcgrath@trca.on.ca
The Wind Engineering, Energy and Environment Research Institute (WindEEE RI), Western University	www.eng.uwo.ca/windeee	ksiddiqui@eng.uwo.ca
World Business Council on Sustainable Development	www.wbcsd.org	Lynch@wbcsd.org

STUDENT COMPETITION | 8 FINALISTS EXHIBITED

Eight student teams from six Ontario universities were selected to exhibit their "big ideas" and innovations for cities on the theme, *Getting on Track: Sustainable and Inclusive Prosperity for Cities*, in a poster competition at the Global Cities Summit, May 15 and 16, 2014. The finalists represented a variety of disciplines including architecture, engineering, geography, planning and public policy.

The exhibit provided an opportunity for students to meet and network with many international delegates and to showcase their work to leaders from around the world, which students expressed to be a rare and valuable experience.

International delegates cast votes for the winning posters, which were announced at the closing of the Summit, and the top three finalists were awarded cash prizes.

Students' Made-In-Ontario innovations garnered praise from international delegates:

The strong interest in and enthusiasm for the students' BIG IDEAS at the Global Cities Summit reflected the interest and discussions involved in urban development around the needs of our cities. Ontario students have shown significant potential for tackling the current and future challenges facing cities towards real sustainable quality of life and inclusive prosperity, considering also placemaking as places to hold social capital. PolisMaker Lab - Politecnico di Milano and I congratulate the competition finalists and winners for their useful contributions, ranging from the concrete to the conceptual, applicable to all delegates, members and partners of the Global Cities Summit from around the World.

-- Prof. Santiago Caprio, Politecnico di Milano

The eight finalists to exhibit at the Global Cities Summit Student Competition are below.

Electronic posters can be viewed on the Summit website:

<http://www.globalcitiessummit.com/Student-Competition.aspx>.

Table 1 | Finalists and Winners of the Global Cities Summit Student Competition

WINNERS	PROJECT TITLE	NAME, DEPARTMENT, UNIVERSITY, CITY, PROVINCE
1 ST PRIZE	Project 1 The Effects of Successful Water Conservation Programs On Municipalities' Financial Viability	Inem Chahal, School of Environmental Design and Rural Development, University of Guelph, Guelph, Ontario
	Project 2 ShoreLine Skyway: A Next Generation Aerial Lift for Toronto's Waterfront	Kyle Miller, Department of Geography, University of Toronto; Matthew Kelling, Program in Planning, University of Toronto, Toronto, Ontario
	Project 3 The political marketing of urban intensification	Nancy Cruz, School of Public Policy and Administration, Carleton University, Ottawa, Ontario
3 RD PRIZE	Project 4 Street+	Angela Ng, Department of Architectural Science, Ryerson University, Toronto, Ontario Ryan Lo, Department of Geography and Environmental Management, University of Waterloo, Waterloo, Ontario
	Project 5 Sameboat	Aly Rattansi, Faculty of Information, iSchool, University of Toronto, Toronto, Ontario
2 ND PRIZE	Project 6 An Atlas for Urban Rail Transit	Duncan Sabiston, John H. Daniels Faculty of Landscape Architecture and Design, University of Toronto, Toronto, Ontario
	Project 7 UrbanFeel	Michael Ostrander, Faculty of Geography, Western University, London, Ontario Greg Hayes, Faculty of Environment, University of Waterloo, Waterloo, Ontario
	Project 8 Planning for Municipal Sustainability: Policy Review and Assessment Tools	Jeff Smith, Morgan Ellis, Andrew Creighton, Tanushree Bhattacharya, Derek Ellis, Nicole Forbes, Centre for Environment and Sustainability, Western University, London, Ontario

APPENDIX I: DETAILED AGENDA

WEDNESDAY, MAY 14, 2014

3:00 PM CHECK-IN AT SHERATON CENTRE | Lobby

6:00 PM - 8:00 PM REGISTRATION OPEN | 2nd Floor Conference Level

6:30PM - 8:00 PM WELCOME RECEPTION | Pinnacle Meeting Room, 43rd Floor

DAY 1 | THURSDAY, MAY 15, 2014 | 2nd Floor Conference Level

8:00 AM - 9:00 AM BREAKFAST & REGISTRATION

9:00 AM - 10:00 AM WELCOME & OPENING CEREMONY

1. Senator Art Eggleton, Senate Canada, Toronto, Canada
2. Elder Mike Ormsby, Toronto, Canada
3. Deputy Mayor Norm Kelly, City of Toronto, Toronto Canada
4. Paul Young, University of Toronto, Toronto, Canada
5. Patricia McCarney, Global City Indicators Facility, University of Toronto, Toronto, Canada

10:00 AM - 10:30 AM BREAK & INNOVATIONS MARKETPLACE

10:30 AM - 12:00 PM OPENING PLENARY | Sustainable + Inclusive Prosperity for Cities
Sponsored by Stikeman Elliott LLP

At present, cities are economic engines that are responsible for more than 70% of the **world's** GDP. This panel focuses on how cities are changing and framing the prosperity agenda. Panelists will discuss how competitiveness is being achieved by cities and what challenges exist for achieving both a more sustainable and an inclusive prosperity.

CHAIR: Calvin Lantz, Stikeman Elliott LLP, Toronto Canada

SPEAKERS:

7. Mayor Osama Fadli Al-Bar, Holy City of Makkah, Saudi Arabia
8. Martin Powell, Siemens AG, London, United Kingdom
9. Michael Williams, Economic Development & Culture, City of Toronto, Toronto Canada
10. Gora Mboup, UN-HABITAT, Nairobi, Kenya
11. Qian Zhi, **Development Research Center of the Shanghai Municipal People's Government, Shanghai, People's Republic of China**
12. Vicente Guallart, Barcelona City Council, Barcelona, Spain

12:00 PM - 1:00 PM LUNCH

ANNOUNCEMENT | Launch of World Council on City Data (WCCD) | Patricia McCarney, Director, Global City Indicators Facility | Senator Art Eggleton, Chair, Global City Indicators Facility

VIDEO | Andrew Collinge, Assistant Director of Intelligence, Greater London Authority | Sir Edward Lister, Chief of Staff, Greater London Authority, London, United Kingdom | Voice of Boris Johnson, Mayor of London

1:00 PM - 1:30 PM DESSERT & INNOVATIONS MARKETPLACE

1:30 PM - 3:00 PM PLENARY 2 | Global Standards for Global Cities: The Changing World of International Standards for Cities

Until just a few years ago, the international standards world was not directly concerned with cities. The Technical Committee on Sustainable Development in Communities (ISO TC268) is pioneering this work and developing a series of standards for a holistic approach to sustainable development in cities and communities. The world of standardization is changing rapidly with respect to cities and this panel will consider what this means for cities, industry, infrastructure, investment and for the world of city metrics.

CHAIR: Patricia McCarney, Global City Indicators Facility (GCIF), Global Cities Institute (GCI), University of Toronto, Toronto, Canada

VIDEO: Kevin McKinley, ISO Deputy Secretary-General

SPEAKERS:

4. Jacques Lair, International Organisation for Standardization (ISO) TC268 Sustainable Development in Communities, Paris, France
5. Bernard Leservoisier, International Organisation for Standardization (ISO) TC268 & TC268 WG1 Management Systems, AFNOR Group Standardization, Paris, France
6. Jose-Luis Hernandez, International Organisation for Standardization (ISO) TC268 WG2 City Indicators, Canadian Standards Association, Toronto, Canada
7. Helen Ng, Global City Indicators Facility (GCIF), University of Toronto, Toronto, Canada
8. Isao Endou, International Organisation for Standardization (ISO) TC268 & SC1, Tokyo, Japan

DISCUSSANTS:

9. Joseph Pennachetti, City of Toronto, Toronto, Canada
10. Nico Tillie, City of Rotterdam & Delft University of Technology, Rotterdam, The Netherlands
11. Dave Welsh, Microsoft Corporation, Redmond, USA

3:00 PM - 3:30 PM BREAK & INNOVATIONS MARKETPLACE

3:30 PM - 5:00 PM PLENARY 3 | Smart + Sustainable Cities: Innovations, Opportunities, and Partnerships
Sponsored by Philips

Smart Cities and Sustainable Cities are terms with growing traction globally and locally. This panel focuses on how cities, leading global corporations, together with international agencies are forging partnerships to develop innovations, integrate smart technology and sustainable practices to enhance economic prosperity and environmental sustainability to improve overall quality of life for city residents.

CHAIR: Mila Freire, World Bank & Johns Hopkins University, Washington DC, USA

SPEAKERS:

7. Harry Verhaar, Philips Lighting, Rindhoven, The Netherlands
8. Ron Baker, IBM, Austin, USA
9. Michael Jansen, Cityzenith, Menlo Park, USA
10. Shanfeng Dong, Bluepath City Consulting, Beijing, China
11. Helen Santiago Fink, United Nations Environment Programme (UNEP), Paris, France
12. Matthew Lynch, World Business Council for Sustainable Development, Geneva, Switzerland

5:00 PM - 6:00 PM AT LEISURE

EVENING | CITY RECEPTION & GALA DINNER

6:00 PM - 7:30 PM **SIEMENS "STREETS OF TORONTO" RECEPTION** | Toronto City Hall, Rotunda
Sponsored by Siemens

SPEAKERS:

1. Joseph Pennachetti, City of Toronto, Toronto, Canada
2. Robert Hardt, Siemens Canada Ltd., Toronto, Canada

8:00 PM - 10:00 PM MICROSOFT GALA DINNER | Dominion Ballroom
Sponsored by Microsoft

OPENING ADDRESS: Dave Welsh, Microsoft Corporation, Redmond, USA

KEYNOTE ADDRESS: Saskia Sassen, Columbia University, New York City, USA

Saskia Sassen is the Robert S. Lynd Professor of Sociology and Co-Chair of the Committee on Global Thought, Columbia University. Professor Sassen has received diverse awards, from multiple doctor *honoris causa* to being chosen as one of the Top 100 Global Thinkers by *Foreign Policy* (2011) and winner of the Principe de Asturias Prize for the Social Sciences (2013). She is also a Senior Fellow of the Global Cities Institute at the University of Toronto, Canada.

DAY 2 | FRIDAY, MAY 16, 2014 | 2nd Floor Conference Level

8:00 AM - 9:00 AM BREAKFAST

9:00 AM - 9:15 AM OPENING KEYNOTE | Brock Carlton, Federation of Canadian Municipalities, Ottawa, Canada

The Federation of Canadian Municipalities' (FCM's) Chief Executive Officer, Mr. Brock Carlton, has a commitment to strong municipal government and believes that a national municipal association is critical to national and local development. Since joining FCM 21 years ago, Mr. Carlton has channeled his leadership abilities towards local government issues domestically and internationally. As CEO he has focused on a collaborative organizational culture and enhanced member engagement as pillars of **FCM's success.**

9:15 AM - 10:30 AM PLENARY 4 | Globally Networked Urbanism: Planning + Design for Well-Being

This panel will address the complex and interrelated challenges of contemporary city building and design in a global context. Panellists will explore strategies ranging from the design of transit networks and hubs, the role of the built environment in affecting public health and disease, planning and design for urban intensification and conservation, housing investment as a poverty alleviating measure, and the changing worlds of work, technology and the design of place. These highly interrelated strategies offer insight into alternative futures and city transformations and create new possibilities for city to city exchange and networking.

CHAIR: Anne McIlroy, Brook McIlroy, Toronto, Canada

SPEAKERS:

8. Nico Tillie, City of Rotterdam & Delft University of Technology, Rotterdam, The Netherlands
 9. Andrew Laing, AECOM, New York City, USA
 10. Mohamed El-Sioufi, UN-HABITAT, Nairobi, Kenya
 11. Gillian Booth, **St. Michael's Hospital & University of Toronto, Toronto, Canada**
 12. Leslie Woo, Metrolinx, Toronto, Canada
 13. Roger Sherman, cityLAB & UCLA, Los Angeles, USA
 14. Richard Sommer, John H. Daniels Faculty of Architecture, Landscape and Design, University of Toronto, Toronto, Canada
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10:30 AM - 11:00 AM BREAK & INNOVATIONS MARKETPLACE

11:00 AM - 12:15 PM PLENARY 5 | Building Resilience + Overcoming Risk: Infrastructure Solutions + City Metabolism

Cities are confronting a wider and wider range of risks, especially witnessed in the growing number of extreme weather events and natural disasters in recent years, impacting the lives of people and the economies of cities. What policies, tools, technologies and infrastructure solutions are becoming available to address risk, measure and improve energy efficiency and build more resilient cities? What is the emerging science on cities to build resilience?

CHAIR: Lucy Casacia, Siemens Canada Limited, Oakville, Canada

SPEAKERS:

8. Violeta Seva, City of Makati, Makati, Philippines
 9. Zhao Jun, Shanghai Municipal Commission of City Development and Transport, Shanghai, China
 10. Niels Van Duinen, Philips Lighting, Burlington, USA
 11. Carl Bodimeade, Hatch Mott MacDonald & Ontario Coalition for Sustainable Infrastructure, Niagara Falls, Canada
 12. Michinaga Kohno, Michi Creative City Designers Inc., Tokyo, Japan
 13. Chris Kennedy, University of Toronto & International Society for Industrial Ecology, Toronto, Canada
 14. Dan Hoornweg, University of Ontario Institute of Technology & Government of Ontario, Toronto, Canada
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12:15 PM - 1:15 PM LUNCH & KEYNOTE ADDRESS

Doug Saunders, The Globe and Mail Newspaper, Toronto, Canada

Doug Saunders is a columnist for the Globe and Mail's international-affairs column, and also serves as the Newspaper's online opinion and debate editor. He has extensive experience as a foreign correspondent, having run the Globe's foreign bureaus in Los Angeles and London. He has published two books:

1. Arrival City (2010)
2. The Myth of the Muslim Tide (2012)

In conversation with George Baird, University of Toronto, Toronto, Canada

1:15 PM - 2:30 PM PLENARY 6 | The Cities Panel: City Data for Informed Decision Making

CHAIR: Nico Tillie, City of Rotterdam & Delft University of Technology, Rotterdam, The Netherlands

With 70% of the world population expected to reside in cities by 2050, the need for city-level data to inform city management has never been greater. City data is critical to inform political policy, innovation, technology adoption and transformative futures. The Global City Indicators Facility, created in 2008, provides a set of city indicators prioritized by cities, with a globally standardized methodology that allows for global comparability of city performance and knowledge sharing. The GCIF, beginning with 9 pilot cities, has now developed into a global network of over 255 cities across 81 countries. Building on these core indicators of the GCIF, this work has evolved into a new ISO Standard (ISO 37120) and the concurrent creation of the World Council on City Data.

This Cities Panel opens a discussion from GCIF member cities, old and new, together with new cities joining the World Council on City Data, on the importance of globally standardized city data, raising examples for the audience on how cities are using these standardized indicators for policy planning and decision making, and addressing how globally standardized city data facilitates learning across cities and knowledge exchange for innovation.

SPEAKERS:

Part 1: City Perspective

1. Dr. Nguyen Van Thanh, **Haiphong City People's Council, Haiphong, Vietnam** (Video)
2. Eng. Ahmed Hussain Alkhlagi, City of Makkah & Makkah Urban Observatory, Makkah (Mecca), Saudi Arabia
3. Ari Jaakola, City of Helsinki, Helsinki, Finland
4. Tinashe Mushayanyama, City of Johannesburg, Johannesburg, South Africa
5. Eng. Abdulrahman Alsultan, City of Riyadh, Riyadh, Saudi Arabia

Part 2: City Conversation

6. Dr. Abdul Husaini, Niger State, Minna, Nigeria
7. Mary Luz Pinzon, City of Bogotá, Bogotá, Colombia
8. Fernando Alvarez de Celis, Ministry of Urban Development, Buenos Aires, Argentina
9. Irene Del Rosario, City of San Jose Del Monte, Philippines
10. Eng. Akram Khraisat, City of Amman, Jordan

2:30 PM - 3:45 PM **PLENARY 7 | Governing the World's Cities:** Building more Equitable + Inclusive Societies

Cities are in a transformative stage, and are pivotal actors and growing partners in the world of technology, information and innovation. The complexity of governing cities and the challenges therein have never been greater. City leaders are being asked to look outward globally and consider economic competitiveness, to adopt technologies to **manage this complexity, to become "smarter" while also balancing** the diverse needs of different cultural, socioeconomic, and demographic groups in their cities and to create fair societies wherein the quality of day to day living is assured. A singular approach no longer suffices and fragmentation across sectors fails to address the complexity of cities. How do cities collaborate, innovate, and integrate for effective governance?

CHAIR: Andrew Storey, Scotiabank, Toronto, Canada

SPEAKERS:

8. Dr. Abdul Husaini, Niger State, Minna, Nigeria
9. Maarten Hajer, Netherlands Environmental Assessment Agency, The Hague & University of Amsterdam, Amsterdam, The Netherlands
10. Richard Stren, University of Toronto, Toronto, Canada
11. Riadh Tappuni, Toronto, Canada & Beirut, Lebanon
12. Dr. Mary Ma, MoHURD, Beijing, China
13. Noah Toly, Wheaton College, Wheaton, USA
14. Alan Broadbent, Maytree & Avana Capital Corporation, Toronto, Canada

3:45 PM - 4:00 PM CLOSING CEREMONY & STUDENT COMPETITION AWARDS

APPENDIX II: MEDIA COVERAGE

May 15, 2014

- [World Council on City Data launched in Toronto](#): Jackie DeSouza, City of Toronto
The Global Cities Summit as well as the launch of the World Council on City Data (WCCD) and the ISO 37120 Standard for Cities were featured by the City of Toronto. The article highlighted the importance of benchmarking the performance of Toronto.
- [New Platform Launched for Cities Around the World to Share Big Data and Build Better Environments for their Cities](#): Clare Saxon, The Climate Group
Clare Saxon of the Climate Group highlighted the significance of the Global Cities Summit, the World Council on City Data (WCCD), and the ISO 37120 Standard for London, England. Collaboration between jurisdictions and access to data of cities dealing with growing urban populations will be critical for London in addressing the challenges they face.
- [Guadalajara to begin using global city indicators under ISO37120](#): Isabel Inclán, Yahoo! Noticias (in Spanish)
- [Durango develops its tourism industry to stop being considered as a “city to pass by”](#): Isabel Inclán, Yahoo! Noticias (in Spanish)

May 16, 2014

- [Global Cities experts speak – but will Toronto listen?](#): Christopher Hume, Toronto Star
Christopher Hume’s article in the Toronto Star highlighted the Global Cities Summit. With the world urban population steadily growing, understanding the urban environment and developing innovative and sustainable plans to improve cities is pressing. Hume’s article discusses how data will lead to a “new science of city building.”
- [Global Cities Summit](#): CBC’s Metro Morning
Professor Patricia McCarney, Director of GCI and Harry Verhaar, Head of Global Public & Government Affairs at Philips Lighting, were interviewed on the CBC’s Metro Morning host, Matt Galloway. The discussion covered the importance of standardized data and benchmarking and innovative lighting options for cities.
- [New ISO and World Council Will Help Smart Data Make Liveable Cities](#): David Thorpe, Sustainable Cities Collective
The launch of the World Council on City Data (WCCD) and the new ISO Standard for Cities: ISO 37120 at the Global Cities Summit were featured in the Sustainable Cities Collective. The article highlighted what the Standard means for cities and the role of the WCCD.

May 17, 2014

- [Will Toronto be resilient in the face of climate change?](#): Christopher Hume, Toronto Star
The *Building Resilience + Overcoming Risk: Infrastructure Solutions + City Metabolism* Panel at the Global Cities Summit was featured in the Toronto Star by urban columnist Christopher Hume. The article emphasized the importance of data in highlighting where investment is needed to help build urban resilience.

May 29, 2014

- [Big Ideas: Global experts offer their suggestions for a better Toronto](#): Gemma Karstens-Smith, Toronto Star
International city experts and planners that attended the Global Cities Summit were featured in a Toronto Star article. Representatives from GCIF member cities, including Nico Tillie from Rotterdam, Netherlands; Violeta Seva from Makati, Philippines; and Abdul Husaini from Minna Nigeria were asked what they would do to improve Toronto as part of the year-long *Big Ideas* series. Having more trees planted and creating data-based transportation designs in Toronto were some of the highlighted ideas.

June 4, 2014

- [Finally, clear performance data for comparing the world's cities](#): Neal Peirce, Citiscope & The Atlantic |
- [Finally, clear performance data for comparing the world's cities](#): Neal Peirce, CITYLAB

June 12, 2014

- [A postcard from the Global Cities Summit](#): Noah Toly, Cardus

June 13, 2014

- [Taking Indicators for City Services Global](#): Patricia McCarney, Public Sector Digest

APPENDIX III: LIST OF PRESENTATIONS

DAY 1

SESSION	SPEAKER	PRESENTATION TITLE
OPENING CEREMONY	Senator Art Eggleton Senate Canada, Toronto, Canada	N/A
	Elder Mike Ormsby Toronto, Canada	N/A
	Deputy Mayor Norm Kelly City of Toronto, Toronto Canada	N/A
	Paul Young University of Toronto, Toronto, Canada	N/A
	Patricia McCarney Global City Indicators Facility, University of Toronto, Toronto, Canada	"Welcoming Address – Global Cities Summit" (URL)
OPENING PLENARY Sustainable + Inclusive Prosperity for Cities	Calvin Lantz Stikeman Elliott LLP, Toronto Canada	N/A
	Dr. Ossama Fadul Albar Holy City of Makkah, Saudi Arabia	"How city can achieve prosperity through sustainable growth: A study case of the Holy City of Makkah, Saudi Arabia" (URL)
	Martin Powell Siemens AG, London, United Kingdom	"Sustainable and Inclusive Prosperity for Cities" (URL)
	Michael Williams Economic Development & Culture, City of Toronto, Toronto Canada	"Sustainable + Inclusive Prosperity for Cities" (URL)
	Gora Mboup UN-HABITAT, Nairobi, Kenya	"Streets as public spaces and drivers of urban prosperity" (URL)
	Qian Zhi Development Research Center of the Shanghai Municipal People's Government, Shanghai, People's Republic of China	"Sustainable Prosperity: Progressive Policy in Shanghai" (URL)
	Vicente Guallart Barcelona City Council, Barcelona, Spain	"Sustainable + Inclusive Prosperity for Cities" (URL)
ANNOUNCEMENT	Patricia McCarney Global City Indicators Facility (GCIF), Global Cities Institute (GCI),	"World Council on City Data" (URL)

SESSION	SPEAKER	PRESENTATION TITLE
	University of Toronto, Toronto, Canada	
PLENARY 2	Patricia McCarney	N/A
Global Standards for	Global City Indicators Facility (GCIF), Global Cities Institute (GCI),	
Global Cities: The	University of Toronto, Toronto, Canada	
Changing World of	VIDEO: Kevin McKinley	URL
International Standards	ISO Deputy Secretary-General	
for Cities	Jacques Lair	"ISO/TC 268 Sustainable Development for
	International Organisation for Standardization (ISO) TC268	Communities" URL
	Sustainable Development in Communities, Paris, France	
	Bernard Leservoisier	N/A
	International Organisation for Standardization (ISO) TC268 & TC268	
	WG1 Management Systems, AFNOR Group Standardization, Paris,	
	France	
	Jose-Luis Hernandez	"ISO/TC268/WG2 City
	International Organisation for Standardization (ISO) TC268 WG2 City	Indicators" URL
	Indicators, Canadian Standards Association, Toronto, Canada	
	Helen Ng	"ISO 37120 - Sustainable Development in
	Global City Indicators Facility (GCIF), University of Toronto, Toronto,	Communities: Indicators for City
	Canada	Services and Quality of Life" URL
	Isao Endou	"ISO/TC 268/SC 1: Smart community infrastructures"
	International Organisation for Standardization (ISO) TC268 & SC1,	URL
	Tokyo, Japan	
	Joseph Pennachetti	"City of Toronto and GCIF Benchmarking" URL
	City of Toronto, Toronto, Canada	
	Nico Tillie	"GCIF & ISO used in a local practice;
	City of Rotterdam & Delft University of Technology, Rotterdam, The	'Smart City Planner' and 'Sustainability
	Netherlands	Profiles' in Rotterdam" URL
	Dave Welsh	N/A
	Microsoft Corporation, Redmond, USA	
PLENARY 3	Mila Freire	N/A
Smart + Sustainable	World Bank & Johns Hopkins University, Washington DC, USA	
Cities: Innovations,	Harry Verhaar	"Smart + Sustainable Cities: Partnering for
Opportunities and	Philips Lighting, Riethoven, The Netherlands	sustainable and inclusive progress creating Livable
Partnerships		Cities" URL
	Ron Baker	"IBM's Smarter Cities Vision: How we view the

SESSION	SPEAKER	PRESENTATION TITLE
	IBM, Austin, USA	importance of Global City Transformation" (URL)
	Michael Jansen	"Cityzenith" (URL)
	Cityzenith, Menlo Park, USA	Video (URL)
	Shanfeng Dong	"Smart & Sustainable Cities: towards Standardised Sustainable Development" (URL)
	Bluepath City Consulting, Beijing, China	
	Helen Santiago Fink	"Smart and Sustainable Cities" (URL)
	United Nations Environment Programme (UNEP), Paris, France	
	Matthew Lynch	N/A
	World Business Council for Sustainable Development, Geneva, Switzerland	
Siemens "Streets of Toronto" Reception	Joseph Pennachetti	N/A
	City of Toronto, Toronto, Canada	
	Robert Hardt	N/A
	Siemens Canada Limited, Oakville, Canada	
Gala Dinner	Dave Welsh	"Technology Megatrends: A new era of opportunity for cities to innovate and prosper" (URL)
	Microsoft Corporation, Redmond, USA	
	Saskia Sassen	N/A
	Columbia University, New York City, USA	

DAY 2

SESSION	SPEAKER	PRESENTATION
Opening Keynote	Brock Carlton Federation of Canadian Municipalities, Ottawa, Canada	N/A
PLENARY 4	Nico Tillie	"Urban by nature' Quality of life in Rotterdam
Globally Networked Urbanism: Planning + Design for Well-Being	City of Rotterdam & Delft University of Technology, Rotterdam, The Netherlands	Climate adaptation 2005, Energy 2009, people make the city 2012" (URL)
	Andrew Laing	"The Emerging Urban Workscape" (URL)
	AECOM, New York City, USA	
	Mohamed El-Sioufi	"A call for a Paradigm Shift in Policy: Placing Housing at the Center" (URL)
	UN-HABITAT, Nairobi, Kenya	
	Gillian Booth	"The Healthy Cities – Diabetes Prevention Project:

SESSION	SPEAKER	PRESENTATION
	St. Michael's Hospital & University of Toronto, Toronto, Canada	New insights on the built environment and obesity-related diseases" (URL)
	Leslie Woo Metrolinx, Toronto, Canada	"Mobility Choice Is Transformation" (URL)
	Roger Sherman cityLAB & UCLA, Los Angeles, USA	"Mining The Gap: From Data to Design" (URL)
	Richard Sommer John H. Daniels Faculty of Architecture, Landscape and Design, University of Toronto, Toronto, Canada	"Design By Numbers: Beyond The Statistician" (URL)
PLENARY 5 Building Resilience and Overcoming Risk: Infrastructure Solutions + City Metabolism	Atty. Violeta Seva City of Makati, Makati, Philippines	"Building A Resilient Makati City" (URL)
	Zhao Jun Shanghai Municipal Commission of City Development and Transport, Shanghai, China	"Vision and Action - Stormwater Management in Shanghai" (URL)
	Niels Van Duinen Philips Lighting, Burlington, USA	"Connected Lighting for city resilience" (URL)
	Carl Bodimeade Hatch Mott MacDonald & Ontario Coalition for Sustainable Infrastructure, Niagara Falls, Canada	"Building Resilience & Overcoming Risk - the "Upside"" (URL)
	Michinaga Kohno Michi Creative City Designers Inc., Tokyo, Japan	"Building Resilience + Overcoming Risk: Infrastructure Solutions + City Metabolism" (URL)
	Chris Kennedy University of Toronto & International Society for Industrial Ecology, Toronto, Canada	"Urban Metabolism: Guiding Low Carbon, Resilient Cities" (URL)
	Dan Hoornweg University of Ontario Institute of Technology & Government of Ontario, Toronto, Canada	"Sustainable (Resilient) Cities" (URL)
Day 2 Lunch Keynote	Doug Saunders The Globe and Mail Newspaper, Toronto, Canada	"Arrival City: The Final Migration and Our Next World" (URL)
PLENARY 6 The Cities Panel: City Data for Informed Decision Making	Dr. Nguyen Van Thanh Haiphong City People's Council , Haiphong, Vietnam	VIDEO: "Applying Global City Indicators Facility in Building Green Port City Towards Sustainable Development: Option for Haiphong (Vietnam)" (URL)
	Eng. Ahmed Hussain Alkhlagi City of Makkah & Makkah Urban Observatory, Makkah (Mecca), Saudi Arabia	"The Fundamental Outcomes of Makkah Surveys and its Impact on Producing the Targeted Urban Indicators" (URL)

SESSION	SPEAKER	PRESENTATION
	Ari Jaakola City of Helsinki, Helsinki, Finland	"The role of comparative urban statistics in promoting co-operation, understanding of city developments and economic growth: Views from Helsinki" (URL)
	Tinashe Mushayanyama City of Johannesburg, Johannesburg, South Africa	N/A
	Eng. Abdulrahman Alsultan City of Riyadh, Riyadh, Saudi Arabia	"Urban Indicators: The City of Riyadh 2013" (URL)
	Dr. Abdul Husaini Niger State, Minna, Nigeria	N/A
	Mary Luz Pinzon City of Bogotá, Bogotá, Colombia	"The Cities Panel: City Data for Informed Decision Making: The Experience of Bogota, Colombia" (URL)
	Fernando Alvarez de Celis Ministry of Urban Development, Buenos Aires, Argentina	(URL)
	Irene Del Rosario City of San Jose Del Monte, Philippines	(URL)
	Eng. Akram Khraisat City of Amman, Jordan	N/A
	Andrew Storey Scotiabank, Toronto, Canada	N/A
	Dr. Abdul Husaini Niger State, Minna, Nigeria	"Governing the Worlds Cities: Building more equitable and inclusive societies" (URL)
PLENARY 7 Governing the World's Cities: Building more Equitable + Inclusive Societies	Maarten Hajer Environmental Assessment Agency, The Hague University of Amsterdam, Amsterdam, The Netherlands	"Smart about Cities: Visualizing the Challenges for 21st Century Urbanism" (URL)
	Richard Stren University of Toronto, Toronto, Canada	N/A
	Riadh Tappuni Toronto, Canada & Beirut, Lebanon	"Governing Cities as Agents for Social Cohesion" (URL)
	Dr. Mary Ma MoHURD, Beijing, China	"China's urbanization and national smart city pilot projects (MoHURD, China)" (URL)
	Noah Toly Wheaton College, Wheaton, USA	N/A
	Alan Broadbent Maytree & Avana Capital Corporation, Toronto, Canada	N/A