WORLD CITIES SUMMIT | MAYORS FORUM

CITY PORTRAITS

WORLD CITIES SUMMIT
MAYORS FORUM



LIVEABLE AND SUSTAINABLE CITIES: INNOVATIVE CITIES OF OPPORTUNITY

8 – 10 JUNE 2015
NEW YORK CITY
UNITED STATES OF AMERICA



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FOREWORD



LEE YI SHYAN

Senior Minister of State,
Ministry of Trade and Industry and
Ministry of National Development, Singapore
Chairperson, World Cities Summit Mayors Forum 2015

Few cities in the world capture the dreams of possibilities as well as New York City does. As the lyrics of New York, New York "...I wanna wake up, in a city that doesn't sleep. And find I'm king of the hill, top of the heap" suggests, New York is a city of opportunities. If you make it here you can make it anywhere. Such is the allure of the city.

Welcome to the 6th annual World Cities Summit (WCS) Mayors Forum held here in New York. This is the second time that the Forum is held outside of Singapore. We are delighted to be in New York City this year for numerous good reasons. One important reason is that it won the **Lee Kuan Yew World City Prize** in 2012. By being here we have a chance to immerse ourselves in New York City and be inspired by its incredible ability to re-invent itself, and doing so always with boundless energy and unlimited creativity.

Today, we welcome more than 75 mayors and city leaders across seven continents. Together we will deliberate issues related to the theme: ***"Liveable and Sustainable Cities: Innovative Cities of Opportunity"***. Urbanisation and informatisation are taking place at a speed unprecedented in human history. Intertwined with forces of globalisation, the outcomes of these confluences have a tremendous impact on society.



LIVEABLE AND SUSTAINABLE CITIES

Discussing in parallel will be participants at the **WCS Young Leaders Symposium**. They will bring with them the perspectives of the younger generation. I am confident their deliberations will add to the richness of our collective discussions.

The Mayors Forum this year will make a special contribution in the form of presenting the **WCS Mayors Forum Declaration 2015**. The declaration represents our common vision for, and commitment towards, a more liveable and sustainable world.

WCS Mayors Forum 2015 will also publish City Portraits — a collation of initiatives and best practices in urban solutions by participating cities at the Forum. I hope that you will find it informative and keep it as a memento of the Forum.

Finally, on behalf of all mayors, I express our heartfelt thanks to The Honourable Bill de Blasio, Mayor of New York City, and his team for generously hosting us at this event. We value your support and commitment in keeping this exclusive network of thought leaders in city development relevant and effective.

WORLD CITIES SUMMIT MAYORS FORUM

The World Cities Summit Mayors Forum was initiated by Singapore in 2010 as a response to the urgent need for cities to come together to address pressing urban challenges. It has since become one of the biggest and most important platforms for mayors and city leaders to generate new insights, ideas and solutions that can be applied to many cities.

The Forum is an annual by-invitation global event for city leaders to discuss urban issues and share best practices with one another. This peer-to-peer platform invites mayors and senior leaders from international organisations and the industry to exchange experiences in developing integrated urban solutions, building economic and environmental resilience, engaging with communities and sustaining a high quality of life in urban regions.

Based on the theme of "Innovative Cities of Opportunity", the sixth WCS Mayors Forum is hosted by New York City, USA, which is the ideal venue for critical urban conversations to take place. For generations, New York City has been a beacon of opportunity, a cosmopolitan city of immigrants building a better life for themselves and their families. New York City is many things to many people: a global hub of finance, fashion, media, culture, technology and design; an increasingly resilient coastal city; a five-borough path-work of polyglot neighbourhoods and cultures; a cutting-edge centre of cool. Bringing this unique city leaders' roundtable closer to cities in the Americas for the first time, the Forum features speakers and luminaries from the region, to deepen the discourse on urban solutions, encourage greater international collaborations between cities and provide opportunities to translate many of the ideas into real solutions.

MAYORS AND CITY LEADERS WILL ENGAGE IN ROUNDTABLE DISCUSSIONS ON:

01: HOUSING AND ECONOMIC DEVELOPMENT
02: TRANSPORTATION AND MOBILITY
03: SUSTAINABILITY AND RESILIENCY
04: EDUCATION AND COMPETITIVENESS

THE HOST – NEW YORK CITY, USA



Photo credit: Julienne Schaer / NYC & Company

What kind of city do we want to pass on to our children — and to the generations to come?

To answer that question, we focus on economic growth, sustainability, resiliency—and equity. **OneNYC** lays down clear markers that we will fight for, and sets out a comprehensive blueprint to prepare New York City for the future.

New York City will continue to be the world's **most dynamic urban economy** where families, businesses, and neighbourhoods thrive. We will ensure this through the nation's most ambitious program of affordable housing, and by supporting an innovative commercial sector for an inclusive workforce.

New York City will have a **just, inclusive, and equitable economy** that offers well-paying jobs, lifting 800,000 New Yorkers out of poverty or near-poverty by 2025. We will do this by launching high-impact initiatives to support workforce development, job growth, education and more, and fighting to raise the minimum wage.

The City is building on its goal of creating a **greener, more sustainable New York** by reducing greenhouse gas emissions 80 percent by 2050 (80 x 50) — the largest city in the world to make that commitment — through a sweeping building retrofit plan, Zero Waste to landfills by 2030, and much more.

New York has the goal of **enhancing resiliency** to the impacts of climate change and more, eliminating long-term displacement from homes and jobs after shock events by 2050. We are strengthening homes, businesses, community-based organisations, and public services to reduce the impacts of disruptive events and promote faster recovery.

OneNYC is based on ideas that came from thousands of New Yorkers. By focusing our efforts on growth, equity, sustainability, and resiliency, we will ensure that the city's fifth century will be our strongest yet.

LEE KUAN YEW WORLD CITY PRIZE

LEE KUAN YEW WORLD CITY PRIZE

A highlight of World Cities Summit, the Lee Kuan Yew World City Prize is a biennial international award that honours outstanding achievements and contributions to the creation of liveable, vibrant and sustainable urban communities around the world.

The Prize seeks to recognise cities and their key leaders and organisations for displaying foresight, good governance and innovation in tackling the many urban challenges faced, to bring about social, economic and environmental benefits in a holistic way to their communities.

To facilitate the sharing of best practices in urban solutions that are easily replicable across cities, the Prize will place an emphasis on practical and cost effective solutions and ideas, for the benefit of cities around the world. Through this Prize, Singapore hopes to promote exemplary thought-leadership and exchange of ideas among cities, so as to spur further innovation in the area of sustainable urban development.

The Prize is named after Singapore's first prime minister, Lee Kuan Yew. Mr Lee was instrumental in developing Singapore into a distinctive, clean and green garden city in a short span of a few decades. Under his leadership, the adoption of strategic land use, transport and environmental policies and programmes have helped Singapore to develop into a liveable city with a high quality living environment, in tandem with rapid economic growth.

The Prize Laureate will be presented with an award certificate, a gold medallion and a cash prize of S$300,000, sponsored by Keppel Corporation. Past Laureates include Bilbao, Spain (2010), New York City, USA (2012), and Suzhou City, China (2014).

www.leekuanyewworldcityprize.com.sg

FORUM THEMES

The World Cities Summit (WCS) is a continuous dialogue on the theme of "Liveable and Sustainable Cities". In 2015, the WCS Mayors Forum will focus on "Innovative Cities of Opportunity," to foster discussion on best practices in urban policy innovation and encourage collaboration among city leaders across four thematic areas:

SESSION 1/HOUSING AND ECONOMIC DEVELOPMENT

In the context of livable cities, access to housing is deeply connected to inclusive economic development. Liveable cities need to employ a diverse set of tools to support the integration of affordable housing, revitalise neighborhoods, improve quality of life and diversify local economies in the context of globalisation. Promoting entrepreneurship and improving access to opportunity—employment and housing alike—can empower previously disadvantaged segments of the population to build shared prosperity.

SESSION 2/TRANSPORTATION AND MOBILITY

A strong transportation network is the lifeblood of any city, with the power to be the largest impediment to its growth or principal expeditor of its success. Consequently, innovation in transit can address inequality by providing better access to centers of commerce, connecting cities to wider urban and economic regions and positioning untapped neighborhoods for local development and employment.

SESSION 3/SUSTAINABILITY AND RESILIENCY

A changing climate, population shifts, strained infrastructure, and the evolving global economy pose challenges to every city's success. The future of many cities will largely depend on how their leaders and citizens respond to these challenges by developing initiatives that conserve energy, reduce waste, increase the resiliency of the built environment and of the community, and promote economic sustainability.

SESSION 4/EDUCATION AND COMPETITIVENESS

A key piece in combating income inequality within cities is to address the growing skills gap that prevents large portions of the urban population from accessing careers with opportunities for advancement. Identifying the skills employers need today and predicting future workforce demands helps city leaders develop real-time strategies to strengthen the city's workforce and foster the growth of promising sectors.

These themes reflect the importance and priority city that leaders should assign to promoting equity and increasing opportunity across a range of urban issues.

INTERACTIVE ROUNDTABLE DISCUSSION FORMAT

Every participant is encouraged to be an active contributor through interactive, moderated discussion segments involving all participants in the room.

There are four sessions over two days, where leaders can participate actively in discussions and explore approaches to addressing the challenge of creating opportunities for all, focusing on Housing and Economic Development, Transportation and Mobility, Sustainability and Resiliency, and Education and Competitiveness. A number of keynotes by thought leaders in sustainable urban development and inspiring city case studies will lead into each of the four sessions.

Each of the four sessions has a 90-minute duration, with the following outline:

SESSION / 50min

- **Keynote by an opinion leader setting the context** / 15 minutes
- **Three case studies by city leaders from different regions to highlight issues faced in their respective contexts** /10 minutes each
- **Discussant integrating the recurrent themes from the city case studies with international best practices** / 5 minutes

INTERACTIVE ROUNDTABLE DISCUSSION / 40min

- **Active contributions and responses by all participants on the topic (moderated by Forum Moderator Mr Greg Clark)**

OVERVIEW

MONDAY 8 JUNE 2015	TUESDAY 9 JUNE 2015	WEDNESDAY 10 JUNE 2015
PRE-FORUM DAY Arrivals	**WCS YOUNG LEADERS SYMPOSIUM** *(invited guests only)* *Networking Lunch*	*Breakfast* **FORUM SESSION 3** *Networking Break* **FORUM SESSION 4** **MAYORS FORUM 2015 CLOSING SESSION** *Closing Lunch Reception*
SITE VISITS *(By registration only; see "Site Visits" on page 12)*	**WCS MAYORS FORUM 2015 OPENING SESSION** **FORUM SESSION 1** *Networking Break* **FORUM SESSION 2**	**Visit New York City** *(See "Fringe Events" on page 119–121)*
PRE-FORUM RECEPTION	**FORMAL DINNER**	**Evening with CAF – Development Bank of Latin America** *(See "Fringe Events" on page 118)*

CO-LOCATED EVENT

LEE KUAN YEW WORLD CITY PRIZE ALUMNI BREAKFAST

9 JUNE 2015 / 07:30–09:00 / Gallery III, Grand Hyatt Hotel

The Lee Kuan Yew World City Prize Alumni Breakfast is an exclusive "Laureate's Club" that brings together the past Prize Laureates for an informal catch-up and sharing session. For invited guests only.

SITE VISITS

MONDAY 8 JUNE / 2–4pm

BROOKLYN'S WORKING WATERFRONT



Brooklyn Army Terminal & Industry City — Tour the area's industrial staples, both public and private, including a former military supply base that's longer than the Woolworth Building is tall. These spaces are now being upgraded for adaptive reuse to attract and foster the City's growing maker and innovation economy.

BROOKLYN'S NEW DOWNTOWN

Downtown Brooklyn has long been an historic residential area, civic and commercial centre. Add to that mix, culture, technology and sports destinations richly served by mass transit and new public spaces and you have a recipe for an economic renaissance. Meet the staff of the Downtown Brooklyn Partnership to learn about the transformation in the past ten years and plans for the future. Walk through plazas, the cultural district, a mixed-use centre under development, and the Barclays Center. Learn about the innovative programming that makes this walkable area desirable to residents and businesses.

CULTIVATING NYC AS A TECH HUB

New York City is a booming innovation centre that will be further enhanced by the opening of Cornell Tech in 2017. In the meantime, visit Cornell Tech's temporary home for the applied sciences at Google — a case study in partnerships between academia and industry to diversify the economy and attract talent.

BURGEONING WATERFRONT



Located directly across the East River from Midtown Manhattan, Long Island City is notable for its rapid transformation from a predominately industrial neighbourhood to a vibrant mixed-use community characterized by its growing tech, design and manufacturing scenes amidst world-renowned arts institutions. This tour includes the fastest changing area of LIC, including the area's historic landmark district, an inside peek at a growing launchpad for entrepreneurs, a stroll along the waterside promenade to a recent affordable housing development, capped off by breathtaking views of Manhattan's skyline.

Site visits are available on a first-come-first-served basis. Please register online via: www.wcsmf2015sitevisits.eventbrite.com *with this password:* **WCSMF2015NYC**

PROGRAMME

8 JUNE 2015 / MONDAY

07:00 – 19:00	**REGISTRATION** @ Manhattan Ballroom Foyer, Lobby Level, Grand Hyatt
12:00	**City Portraits Exhibition, Singapore and New York City Showcases** @ Museum, Lobby Level, Grand Hyatt
14:00 – 16:00	**SITE VISITS** • Brooklyn's Working Waterfront • Brooklyn's New Downtown • Cultivating NYC as a Tech Hub • Burgeoning Waterfront
18:00 – 18:30	Transfer from Grand Hyatt to Reception Venue
18:30 – 19:00	**PRE-FORUM RECEPTION** @ 64F, 1 World Trade Center
21:00 – 21:30	Transfer back to Grand Hyatt

9 JUNE 2015 / TUESDAY

07:30 – 9:00	**Lee Kuan Yew World City Prize Alumni Breakfast** *(by invitation)* @ Gallery on Lex III, Lobby Level, Grand Hyatt
08:30 – 12:30	**World Cities Summit Young Leaders Symposium** *(by invitation)* @ Uris Room, Conference Level, Grand Hyatt
	OPENING SESSION
12:30 – 13:45	**Networking Luncheon** *(for all mayors and guests of WCS Mayors Forum)* @ Gallery on Lex I – II – III, Lobby Level, Grand Hyatt
14:00	Mayors and guests to be seated @ Manhattan Ballroom, Lobby Level, Grand Hyatt
14:05	**Welcome Address** by Forum Host The Honourable Bill de Blasio, Mayor of New York City
14:15	**Opening Address** by Forum Chairman Lee Yi Shyan, Senior Minister of State for Ministry of Trade and Industry and Ministry of National Development, Singapore
14:30	**Special Address** by Guest-of-Honour Jan Eliasson, Deputy Secretary General, United Nations
14:45	Introduction of Mayors at the Roundtable

Note: Accurate as of 8 May 2015. Please refer to the programme handout.

14:55	Introduction of 2015 key themes and format — Greg Clark, Moderator
	Forum Session 1: Housing and Economic Development *In the context of livable cities, access to housing is deeply connected to inclusive economic development. Livable cities need to employ a diverse set of tools to support the integration of affordable housing, revitalise neighborhoods, improve quality of life and diversify local economies in the context of globalisation. Promoting entrepreneurship and improving access to opportunity—employment and housing alike—can empower previously disadvantaged segments of the population to build shared prosperity.*
15:05	**Keynote:** Alicia Glen, Deputy Mayor for Housing and Economic Development, New York City
15:20	**Case Studies:** **Housing A Nation: The Singapore Experience** *A newly independent Singapore in the 1960s faced a housing crisis with many people living in slums and poor conditions. Today, Singapore has achieved a home ownership rate of more than 90%, made possible largely by Singapore's public housing programme which has housed more than 80% of the population. Strong government commitment to a Home Ownership Programme, with the development of forward looking and responsive housing and financing policies, have been critical success factors. Through comprehensive planning and regular estate renewal programmes, Singaporeans now enjoy a good quality living environment in well designed and community centric towns.* Dr Cheong Koon Hean, CEO of Housing & Development Board, Singapore **Better Quality of Life in a Chinese City: Best Practices from Suzhou** *Suzhou has made significant advances in building a liveable city, including planning for economic development while taking into account resource constraints, ensuring that history and cultural identity is preserved, and adapting to meet different demands from urban and rural citizens in terms of housing and public services. This case study will highlight the best practices in housing and economic developments of the city, in particular the comprehensive planning that has mobilised public funds and other financing tools to contribute towards education, healthcare and a desirable urban environment for better quality of life.* Sheng Lei, Vice Mayor of Suzhou, China **Providing a Congenial Environmental for Public and Private, Formal and Informal Sector Delivery of Adequate and Affordable Housing and Economic Opportunities** *The City of Accra is poised for an economic takeoff. As a gateway to West Africa, and with vast oil and gas production in Ghana, Accra has the potential to become a major African hub for global investments and a model for sustainable development in the region. Yet pressing socio-economic and housing challenges need to be addressed and managed in order to meet the needs of a burgeoning metropolis of over five million people.* Dr Alfred Oko Vanderpuije, Mayor of Accra, Ghana
15:50	Discussant: Nicholas You, Associate, Citistates
15:55	**Interactive Roundtable Discussion** by all leaders Wrap-up by Greg Clark, Moderator
16:35	Networking Break @ Manhattan Ballroom Foyer & Museum, Lobby Level
	Forum Session 2: Transportation and Mobility *A strong transportation network is the lifeblood of any city, with the power to be the largest impediment to its growth or principal expeditor of its success. Consequently, innovation in transit can address inequality by providing better access to centers of commerce, connecting cities to wider urban and economic regions and positioning untapped neighborhoods for local development and employment.*

17:00	**Keynote: Personalising Transit for How We Move Today** *As cities grow more complex, they have outstripped the ability of traditional "mass" transit to keep pace with development patterns. Today, urban residents, powered by the tiny computers in the phones in the palm of their hands, are using new ways to move around the city that are much more personalised and support trips that don't fit the 9-5 / outside to center-city model of days past.* Jay Walder, CEO of Motivate and former Chairman and CEO of New York Metropolitan Transportation Authority
17:15	**Case Studies:** Bill Peduto, Mayor of Pittsburgh, USA **Transportation and Mobility in Rome - An Integral Strategy** *The City Mobility Master Plan launched in April 2015 sets specific objectives and actions to re-establish the balance among different transport modes, improve air quality and health, and contribute to a better quality of life in the city. Infrastructure development is under way with the construction of a new metro line and railway systems. Active mobility is promoted through the use of bicycles for short-distance trips, with a focus on improving safety conditions and creating local cycling networks. Inter-modality will be supported. Bike sharing, car sharing and electric mobility modes will be an integral part of a new mobility policy.* Ignazio Marino, Mayor of Rome, Italy **Inclusive Fortaleza: Mobility on the Citizens' Road** *This case study highlights a set of initiatives aimed at improving traffic flow and the safety performance at critical points of the transportation system. In 2014, the local government increased dedicated bus lanes by 439% and the cycling infrastructure by 63%. The average speed of buses increased 124%. The goal is to connect more peripheral areas of the city and leverage the integration through a 'Single Fare'. More than 850,000 people benefit from the system today.* Roberto Claudio, Mayor of Fortaleza, Brazil
17:45	Discussant: Jacinta McCann, Executive Vice President, Global Leader, Design + Planning and Economics, AECOM
17:50	**Interactive Roundtable Discussion** by all leaders Wrap-up by Greg Clark, Moderator
18:30	Close of Forum Day 1
19:00 – 20:15	Transfer from Grand Hyatt by coach and ferry
20:15 – 00:15	**FORMAL DINNER** @ The Liberty Warehouse, Red Hook, Brooklyn Group Photo at the Liberty Warehouse
00:15 – 01:00	Transfer back to Grand Hyatt by ferry and coach

10 JUNE 2015 / WEDNESDAY

08:15 – 08:45	**Breakfast Reception** @ Museum, Lobby Level, Grand Hyatt
09:00	Mayors and guests to be seated @ Manhattan Ballroom, Lobby Level
09:05	**Special Presentation on Singapore** Peter Ho, Chairman, Urban Redevelopment Authority, Singapore

09:20 **Special Presentation: Balancing the Economic, Social and Environmental Needs of the World's Leading Cities**

Cities have unique personalities and qualities based on their geographic locations, histories and levels of development. And they are evolving at a rapid pace, with most aspiring to become more sustainable; improving their liveability and competitive edge. City leaders are seeking ways to balance the demands of the population, generate financial returns, attract people to live and work, while reducing their environmental footprint. Finding that balance is a challenge city leaders face, and benchmarking with peers on common sustainable indicators is one strategy for cities to plot their respective courses.

John Batten, Global Cities Director & Chief Resiliency Officer, Arcadis

Forum Session 3: Sustainability and Resiliency

A changing climate, population shifts, strained infrastructure, and the evolving global economy pose challenges to every city's success. The future of many cities will largely depend on how their leaders and citizens respond to these challenges by developing initiatives that conserve energy, reduce waste, increase the resiliency of the built environment and of the community, and promote economic sustainability.

09:35 **Keynote: The Sendai Framework for Disaster Risk Reduction as a means to Address Urban Resilience**

The Third UN World Conference on Disaster Risk Reduction was held in Sendai, Japan in March 2015 where States adopted the Sendai Framework for Disaster Risk Reduction 2015-2030 (SFDRR). The SFDRR outlines clear targets and priorities for action which will lead to a substantial reduction in disaster risk and losses in lives and livelihoods. The SFDRR includes urban resilience, particularly on tackling underlying disaster risk drivers, such as poverty and inequality, unplanned and rapid urbanisation, poor land management and compounding factors such as demographic change, weak institutional arrangements, non-risk-informed policies, lack of regulation and incentives for private disaster risk reduction investment, unsustainable uses of natural resources, pandemics and epidemics. Making urban growth more resilient is critical as cities are central to both the mitigation of and adaptation to climate change induced risk.

Margareta Wahlström, Special Representative of the Secretary-General for Disaster Risk Reduction, United Nations

09:50 **Case Studies:**

Hussain Nasser Lootah, Director-General, Dubai Municipality, UAE

Medellín, A City for Life

Medellín has implemented inclusive urban projects to confront two major challenges, including inequality and threats to security and safety, or what the city views as a "disrespect for life". These projects have been adopted by successive governments that are aligned with the same vision, demonstrating the role of good governance in urban project continuity and sustainable development. Even though there is still a long way to go, early results have been compelling and Medellín has become an example for the world, showing that political and community will can restore and strengthen the viability of a city.

Anibal Gaviria Correa, Mayor of Medellín, Colombia

Building Collaborative Society through Smart City Innovation

Bandung, a city that believes in open government through people-to-people and people-to-government direct interaction, is connecting with their young, dynamic, Internet-savvy population in many ways. The Bandung Command Centre, which brings together real-time data and statistics from the agencies and social media chatter, aggregates the pulse of the city, including traffic movements, climate and weather forecasts, crime and security incidences, and also economic data. It serves as a key channel for the Mayor and the government agencies to address urban challenges more collaboratively with the people, and more responsively, hence enhancing urban community resilience.

Ridwan Kamil, Mayor of Bandung, Indonesia

10:20 Discussant: Dr Roland Busch, Managing Board Member, Siemens

10:25 **Interactive Roundtable Discussion** by all leaders
Wrap-up by Greg Clark, Moderator

11:00 Networking Break @ Manhattan Ballroom Foyer & Museum, Lobby Level

Forum Session 4: Education and Competitiveness

A key piece in combating income inequality within cities is to address the growing skills gap that prevents large portions of the urban population from accessing careers with opportunities for advancement. Identifying the skills employers need today and predicting future workforce demands helps city leaders develop real-time strategies to strengthen the city's workforce and foster the growth of promising sectors.

11:30 **Keynote:** Ms Aisa Kirabo Kacyira, Deputy Executive Director of UN-Habitat

11:45 **Case Studies:**

Youth and Innovation – Auckland's Focus for Building a Competitive, Prosperous and Inclusive Economy

For the first time in its history, Auckland has a shared vision for our city and its people. Two central pillars of this vision are improving prospects for young people and creating more high-skilled, high-value jobs. This case study will detail Auckland's focus on innovation and innovative solutions to youth unemployment as the city works to build an internationally competitive, prosperous economy that all Aucklanders can benefit from and participate in.

Len Brown, Mayor of Auckland, New Zealand

UMEED – Ray of Hope

The Ahmedabad Municipal Corporation (AMC) is adopting the latest technology to provide primary education through its 400 municipal schools. AMC has also launched the UMEED scheme to provide employment to youths aged 18-35 years who cannot complete their studies and are not getting good employment opportunities. From its initiation in 2007 up to May 2014, 33,260 youths have been enrolled in the UMEED training programme, out of which 22,948 trainees have received placements.

Meenaxiben Dashrathbhai Patel, Honourable Mayor of Ahmedabad, India

Pathways to Opportunity for Everyone

As a community, Santa Fe is working to grow the middle class and provide pathways to opportunity for everyone. The city's challenge is to lay the groundwork for long-term sustainable growth in a way that leads to greater prosperity and vibrant cultural entrepreneurship, by building a diverse, innovative economy with high-wage, high impact jobs that benefit the city's residents, business and entrepreneurs. Santa Fe is going about this work in many ways—some large, some relatively small—but always meaningful.

Javier Gonzales, Mayor of Santa Fe, USA

12:15 Discussant: Prof Chan Heng Chee, Chairman of Lee Kuan Yew Centre for Innovative Cities, Singapore University of Technology and Design

12:20 **Interactive Roundtable Discussion** by all leaders —
Wrap-up by Greg Clark, Moderator

CLOSING SESSION

13:00 **Closing Address** by Forum Chairman
Lee Yi Shyan, Senior Minister of State for Ministry of Trade and Industry and Ministry of National Development, Singapore

13:10 Mayors' Declaration led by Chairman and Host

13:30 **Closing Lunch Reception** @ Gallery on Lex I – II – III, Lobby Level, Grand Hyatt

14:30 **Close of WCS Mayors Forum 2015**

Note: Accurate as of 8 May 2015. Please refer to the programme handout.

WHO'S WHO AT THE FORUM

9 JUNE 2015

FORUM HOST



THE HONOURABLE BILL DE BLASIO
Mayor of New York City, USA

FORUM CHAIRPERSON



MR LEE YI-SHYAN
Senior Minister of State for Ministry of Trade and Industry and Ministry of National Development, Singapore

SPECIAL ADDRESS



MR JAN ELIASSON
Deputy Secretary General, United Nations

FORUM MODERATOR



MR GREG CLARK
Global Advisor on Cities

SESSION 1: HOUSING AND ECONOMIC DEVELOPMENT



MS ALICIA GLEN
Deputy Mayor for Housing & Economic Development, New York City



DR CHEONG KOON HEAN
CEO of Housing & Development Board, Singapore



MS SHENG LEI
Vice Mayor of Suzhou, China



DR ALFRED OKO VANDERPUIJE
Mayor of Accra, Ghana



MR NICHOLAS YOU
Chairman, Urban Strategy and Innovation Council, GDF Suez

SESSION 2: TRANSPORTATION AND MOBILITY



MR JAY WALDER
CEO of Motivate and former Chairman and CEO of New York Metropolitan Transportation Authority



MR BILL PEDUTO
Mayor of Pittsburgh, USA



MR IGNAZIO MARINO
Mayor of Rome, Italy



MS JACINTA MCCANN
Executive Vice President, Global Leader, Design + Planning and Economics, AECOM



MR ROBERTO CLAUDIO
Mayor of Fortaleza, Brazil

10 JUNE 2015



MR PETER HO
Chairman, Urban Redevelopment Authority, Singapore



MR JOHN BATTEN
Global Cities Director & Chief Resiliency Officer, Arcadis

SESSION 3: SUSTAINABILITY AND RESILIENCY



MS MARGARETA WAHLSTRÖM
Special Representative of the Secretary-General for Disaster Risk Reduction, United Nations



H.E. HUSSAIN NASSER LOOTAH
Director-General, Dubai Municipality, UAE



MR ANIBAL GAVIRIA CORREA
Mayor of Medellin, Colombia



H.E. RIDWAN KAMIL
Mayor of Bandung, Indonesia



DR ROLAND BUSCH
Managing Board Member, Siemens

SESSION 4: EDUCATION AND COMPETITIVENESS



MS AISA KIRABO KACYIRA
Deputy Executive Director of UN-Habitat



HIS WORSHIP LEN BROWN
Mayor of Auckland, New Zealand



MS MEENAXIBEN DASHRATHBHAI PATEL
Honourable Mayor of Ahmedabad, India



MR JAVIER GONZALES
Mayor of Santa Fe, USA



PROF CHAN HENG CHEE
Chairman, Lee Kuan Yew Centre for Innovative Cities, Singapore University of Technology and Design

2015/ PARTICIPATING CITIES

***Accurate as of 8 May 2015**



NORTH AMERICA

CANADA
Saskatoon

USA
New York City
Oakland
Pittsburgh
Santa Fe
Tacoma

LATIN AMERICA

BRAZIL
Fortaleza

COLOMBIA
Medellín

ECUADOR
Guayquil

HAITI
Port-au-Prince

PANAMA
Panama City

VENEZUELA
Sucre

EUROPE

AUSTRIA
Vienna

BELGIUM
Antwerp

GEORGIA
Tbilisi

ITALY
Rome
Sicily

NETHERLANDS
Veldhoven

ROMANIA
Bucharest
Timisoara

RUSSIA
Kazan

SPAIN
Bilbao

UKRAINE
Kyiv

AFRICA

EGYPT
Giza Governorate

GHANA
Accra

MOROCCO
Marrakech

SOUTH AFRICA
Cape Town

MIDDLE EAST

JORDAN
Amman
Petra

KUWAIT
Kuwait City

LEBANON
Beirut

SAUDI ARABIA
Riyadh

UNITED ARAB EMIRATES
Abu Dhabi
Dubai
Urban Planning Council

ASIA

BANGLADESH
Chittagong
Khulna City Corporation

CAMBODIA
Phnom Penh

CHINA
Chengdu
Shaanxi Xixian New Area
Suzhou
Suzhou Industrial Park
Tianjin Binhai New Area
Xi'an

INDIA
Admedabad
Bhopal
Pune

INDONESIA
Bandung
Tangerang City

JAPAN
Fukuoka City
Yokohama

KAZAKHSTAN
Astana

KOREA
Incheon

MALAYSIA
Kuching North
Kuching South
Georgetown
Putrajaya
Selangor
Sibu

MYANMAR
Nay Pyi Taw

PHILIPPINES
Angeles City
Caloocan
Cebu City
Metropolitan Manila
Muntinlupa City
Quezon City
San Simon
Tacloban City
Taguig

THAILAND
Bangkok

VIETNAM
Hai Duong City
Khanh Hoa Province
Quang Ngai Province

OCEANIA

AUSTRALIA
Woollahra Municipal Council

NEW ZEALAND
Auckland



ACCRA

republic of ghana

HONARARY DR ALFRED VANDERPUIJE
Mayor of Accra, Republic of Ghana

Hon Dr Alfred Vanderpuije was confirmed by the Accra Metropolitan Assembly (AMA) in May 2009 as the Mayor of Accra. He is currently the President of Mayors and Leaders of Africa and of African Descent, as well as the Chairman of the Greater Accra Urban Passenger Transport Executive.

Under his leadership, Accra ended the landmark shift system of education. He also introduced the Millennium City School Complex concept, and currently 104 such schools are under construction. Accra has also gained a host of titles since he assumed leadership, such as being declared a Millennium City in 2010 by the Earth Institute of Columbia University, and as a Resilient City by the Rockefeller Foundation in 2014. It also received the IBM Smart City award in 2011, and was nominated as one of five cities with high scores in sanitation and environmental management by the UN Climate Change Conference held in South Africa in 2012.

ABOUT THE CITY

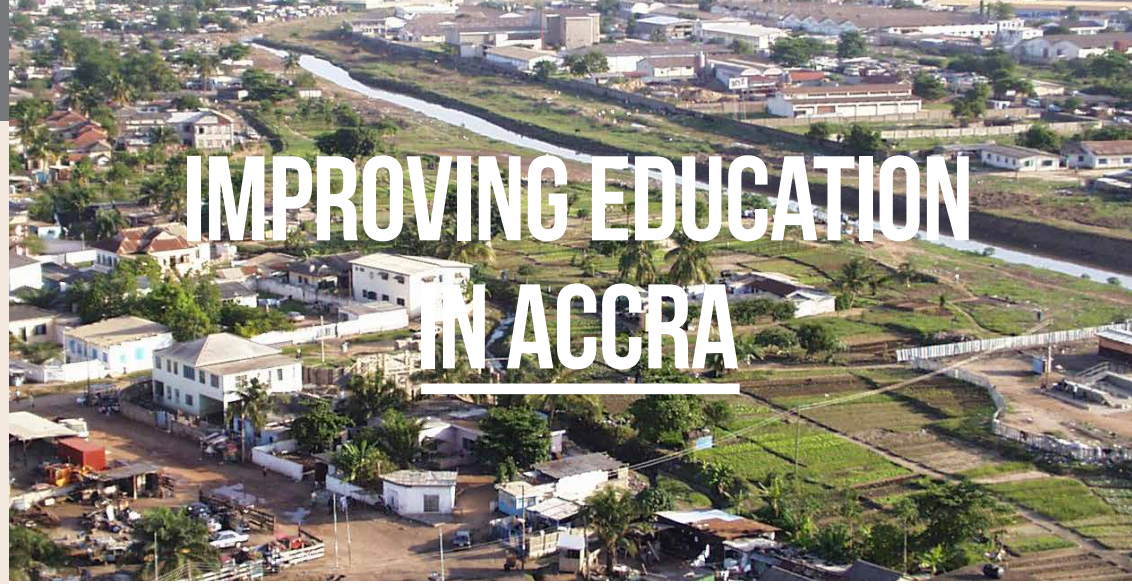


TOTAL LAND AREA
173 KM²

POPULATION SIZE
4,000,000

POPULATION DENSITY
23,121 PER KM²

CONTACT/ www.ama.gov.gh



IMPROVING EDUCATION IN ACCRA

Prior to the appointment of the Mayor, the Accra Metro education unit had about 170,000 pupils and out of which 79,000 were enrolled in the shift system. The shift system is where two streams of schools attend classes in one set of classrooms in shifts — one in the morning and the other in the afternoon. This is largely due to inadequate classroom structures and overcrowding. The majority of the children in the shift system were those from vulnerable and deprived families.

The shift system had inherent negative effects which impact the society. These include truancy, child labour, poorly educated young adults who cannot pass their exams and attain gainful employment, as well as high rates of child prostitution, crime and teenage pregnancy.

To tackle this issue, under the leadership of the Lord Mayor of Accra Hon Vanderpuije, and with the assistance of corporate bodies and individual property owners, some 500 temporary structures were put up to be used as classrooms by March 2010. With continued efforts, the shift system of education in the Accra metropolis was abolished in three years. A resolution to end the shift system has also been passed by the Mayor in light of the President's Better Ghana Agenda.

Presently, all pupils within the basic schools in the Accra metropolis have been assigned to physical structures to receive eight hours of quality instruction. Today, the New Accra Metro Education Unit can boast of the ongoing building of 104 Millennium City Schools — which are 3-storey, 18-classroom blocks with computer and science laboratories, and well stocked libraries.



AHMEDABAD

republic of india

MS MEENAXI PATEL
Mayor of Ahmedabad, Republic of India

Ms. Meenaxi Patel was elected as the mayor of Ahmedabad city of the state of Gujarat on 30th April 2013. Previously, she served as chairperson of various important committees. Her career in politics started from 1985 when she joined the Bhartiya Janta Party (BJP). She was elected as member of Jodhpur Municipality twice from 1996 to 2006. After the delimitation of Ahmedabad city, she was elected as one of the three counsellors from Jodhpur ward in October 2010. She was a member of the Standing Committee of the Ahmedabad Municipal Corporation from October 2010 to September 2011.

ABOUT THE CITY



TOTAL LAND AREA
466 KM²

POPULATION SIZE
6,000,000

POPULATION DENSITY
12,876 PER KM²

CONTACT/www.ahmedabadcity.gov.in



SABARMATI RIVER FRONT DEVELOPMENT PROJECT

Ahmedabad was founded on the banks of the river Sabarmati 600 years ago, and the river has been an integral part of city life for centuries, but over time, intensive use took its toll on the river. Untreated sewage flowed into the river through storm water outfalls and the dumping of industrial waste posed a major health and environmental hazard. Such conditions made the river inaccessible and it became a virtual divide between two parts of the city.

Under the visionary leadership of former Chief Minister and present Prime Minister Shri Narendrabhai Modi, the Integrated Environmental Improvement, River Revitalization and Urban Land reclamation project was implemented. This project transformed the historic but neglected Sabarmati river into a vibrant and vital focus point for Ahmedabad city and the city's residents. It also presented a great opportunity to create a public edge to the river on the eastern and western sides of Ahmedabad. By channelling the river to a constant width of 263 metres, the riverbed land has been reclaimed to create 11.25 km of public riverfront on both the banks.

The riverfront development is already turning the Sabarmati into a major asset, which will improve the efficiency of its infrastructure and the quality of life in Ahmedabad. As a process of urban renewal, the Sabarmati Riverfront Development Project has all the elements of financial, environmental, cultural and social sustainability, as well as the aims of transforming the non-perennial river and revitalising it as a vibrant urban space.



AHMEDABAD

republic of india

MS D. THARA
Municipal Commissioner of Ahmedabad, Republic of India

Ms. D. Thara has been working in the State of Gujarat since 1997 and has had a versatile experience working in various cities. She was a District Development Officer in Vadodara and Surendranagar in Land Revenue Management and District Administration and Development Administration. She also worked as a Collector in Land Revenue Management & District Administration in Kheda and Ahmedabad.

She was the Deputy Municipal Commissioner of Ahmedabad Municipal Corporation where she worked on a number of JnNURM Projects. She was one of the pioneers of the BRTS Project which was very essential to the city. She also initiated and completed the Second Revised Draft Development Plan 2021 of Ahmedabad, as Chief Executive Authority, AUDA. With her focused vision and great leadership qualities, a number of new concepts and ideas were incorporated in the Second Revised Draft Development Plan 2021, such as the Central Business District, Transit Oriented Zone, Residential Affordable Housing Zone, and the preparation of Local Area Plans for such projects. She has been involved in various successful infrastructure projects for bridges, roads, and more.

ABOUT THE CITY

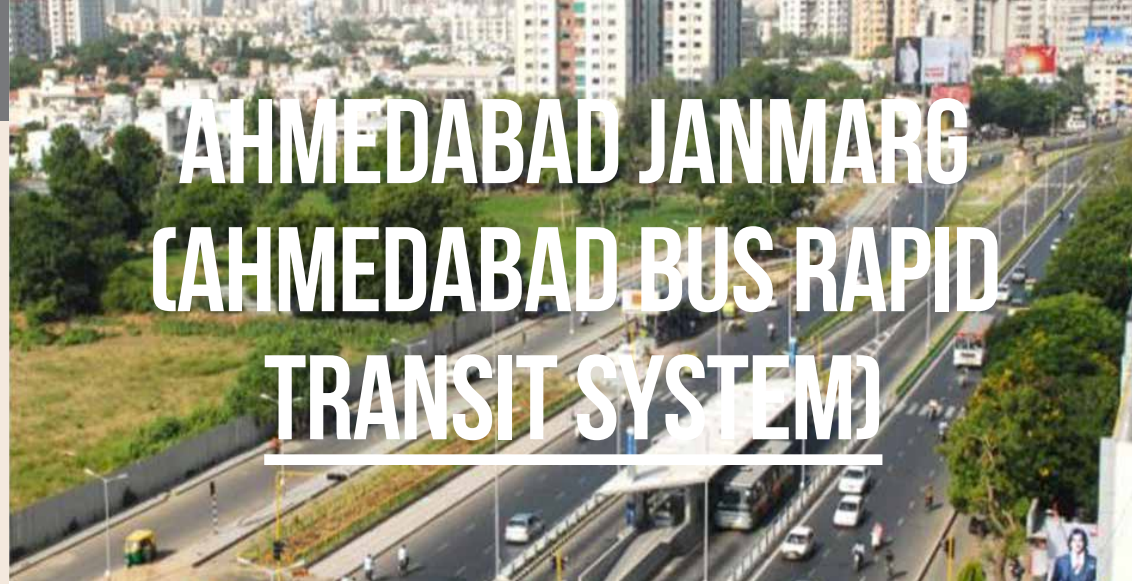


TOTAL LAND AREA
466 KM²

POPULATION SIZE
6,000,000

POPULATION DENSITY
12,876 PER KM²

CONTACT/ www.ahmedabadcity.gov.in



AHMEDABAD JANMARG (AHMEDABAD BUS RAPID TRANSIT SYSTEM)

Ahmedabad, the 7th largest city of India, is governed by Ahmedabad Municipal Corporation (AMC), a local government which is proactive in providing the citizens with world class infrastructure and services through its well-balanced finances and visionary leadership. Ahmedabad JanMarg is a Bus Rapid Transit System (BRTS) that runs on the mission of "Moving people, not only vehicles". It connects the busiest areas of the city like the railway station, educational institutions, and industrial areas with residential localities of all classes of societies, through dedicated median lanes running 87km and connecting 149 bus shelters. Ahmedabad JanMarg Ltd, an SPV created for operations of BRTS, is a 100% subsidiary of AMC that currently operates 250 specially designed buses and moves more than 150,000 passengers daily. AMC along with the Ahmedabad Urban Development Authority has introduced "Transport Oriented Development" around the BRT corridor for better land use and planning. Ahmedabad JanMarg has received various National and International awards for its people friendly design and sustainable services. These include:

- International Award for "Sustainable Transport Award — 2010"
- International Award for "Outstanding Innovations in Public Transportation — 2010" from UITP
- International Award for Design – "Daring Ambition Award and Knowledge and Research Award — 2011" at 59th UITP World Congress, Dubai
- "Momentum for Change" an International Award for the category of 2012 Light House Activities by United Nations at Doha

In just a few years, Ahmedabad JanMarg has become the preferred way of transportation for commuters of the different strata of society because of its timely service and sustainable operations.



AMMAN

jordan

HIS EXCELLENCY AKEL E. BILTAJI
Mayor of Amman, Jordan

Akel E. Biltaji graduated with a Degree in Education in 1962 and joined ARAMCO in Saudi Arabia. Then, he moved to the Saudi Ministry of Defense to work as the government relations representative. In 1969, he returned to Jordan and joined the Royal Jordanian Airlines where he served for 28 years until he became the Vice President. The late King Hussein appointed Akel Biltaji in 1997 as the Minister of Tourism and Antiquities, and he continued to serve in this portfolio under His Majesty King Abdullah II until 2001 when he was appointed Chief Commissioner for the Aqaba Special Economic Zone Authority.

In 2004, King Abdullah II appointed Akel Biltaji as Advisor on Tourism Promotion, Foreign Direct Investment and Country Branding. In 2005, Akel Biltaji became a member of the Jordanian House of Senate. He was appointed as the Mayor of Amman in September 2013 where he serves until today. He has been decorated with the highest orders by the heads of States of Japan, Norway, France, Spain, Austria, Germany, Chile and in Jordan.

ABOUT THE CITY



TOTAL LAND AREA
800 KM²

POPULATION SIZE
3,500,000

POPULATION DENSITY
4,375 PER KM²

CONTACT/ www.amman.jo



SUSTAINABILITY PLANS FOR AMMAN

Amman has been making progress in many initiatives to address sustainability issues:

- Introduce and promote the use of electric vehicles,
- Install LED for street lighting — the municipality will be replacing existing street lights with energy saving street lights starting with 25,000 units
- Promote and use renewable energy sources — solar systems to generate the power requirements in different aspects
- Launch the Amman Green 2020 project
- Encourage more Green buildings by granting incentives for the developers who follow the green building codes
- Invest in waste to energy projects
- Promote the shift from cars to public transport
- Reduce energy consumption through electric vehicles, LED street lights, etc. and though an increase in renewable energy share (solar)
- Reduce carbon emissions (Alghabawi land fill)

In addition, Amman has been putting in efforts to be a smart city:

- Provide e-services for residents of Amman: GAM applications, GAM e-services and نامع فشكتسم
- Implement solutions to increase the efficiency for all GAM operations
  - Tracking system for GAM vehicles
  - Utilisation of GIS in the daily work of the municipality (linking different databases and visualising on maps for better decision making)
- Establish an agreement with Talal Abu Ghazaleh to help put a strategy for smart Amman by 2020
- Participate in the smart cities project organised by the UNECE to promote the management of the city smartly to ensure sustainability
- Introduce smart solutions for mobility (trip planning, public transport information, dynamic information)



ANGELES CITY

republic of the philippines

ATTY. EDGARDO D. PAMINTUAN
Mayor of Angeles City, Republic of the Philippines

Since becoming Mayor in July 2010, Atty. Edgardo Dizon Pamintuan focused on improving the city's health services, providing better education, and investing in infrastructure.

Mayor Pamintuan established the City College of Angeles, which is run by the city government and now stands as an institution of hope for the youth. He led the planting of more than 200,000 trees and cleared-up major waterways of garbage with volunteers. He also modernised the city's public hospital with the installation of new equipment including dialysis machines and a new extension building with modern facilities. He is currently transforming the city, with new parks and plazas dotting the busy urban landscape.

Mayor Pamintuan excels in public service and has garnered numerous awards. These include the prestigious Order of Lakandula – Grand Cross Rank of Bayani Award in 2010, the Seal of Good Housekeeping from the Department of Interior and Local Government from 2010 to 2013, and one of the Most Outstanding Mayors of the Philippines in 2012, 2014 and 2015 by Superbrands Marketing International Inc. He was also voted among the Top Ten Mayors of the World in 2012 by the London based City Mayors Foundation.

ABOUT THE CITY



TOTAL LAND AREA
63.4 KM²

POPULATION SIZE
347,774

POPULATION DENSITY
5,485 PER KM²

CONTACT/ www.angelescity.gov.ph



ANGELES CITY'S PARKS AND PLAZAS

Angeles City is a highly urbanised city and centre for business and leisure located just 80 kilometers north of Metro Manila. At present, the city hosts more than 10,000 registered businesses and is home to 350,000 residents. Dominating the busy urban landscape are hotels, bars and restaurants that cater to citizens and tourists alike. The city also boasts a rich history and profound culture — and this aspect of the city is what Angeles wants to enhance and promote.

The project of the creation of parks and plazas began with the clearing of the façade of the historic Holy Rosary Parish Church and the removal of cable and electrical wires that blocked citizens' view of the ancestral structures. Today, the place has been called the Plaza Angel and it has become the most photographed place in Angeles City.

This marks the development of the city's Heritage District, which has ushered in a new found appreciation for the city's tradition, history and culture.

Estacion de Angeles or now Philippine National Railway (PNR) People's Park has been transformed from a blighted area to a park with ornamental plants, colorful street lights, a playground, volleyball and basketball courts, and a vegetable garden where people can plant and harvest produce.

Also, new parks were established in partnership with the private sector, including the Hardin de Balibago, Jumong Park, Pulung Bulu Friends Park, and Plaza Sto. Cristo. All these were embellished with benches, lights, pavements, ornamental and decorative plants.

These projects prove that with political will, Angeles City can strongly advocate for a more beautiful and community-oriented urban landscape.



ANTWERP

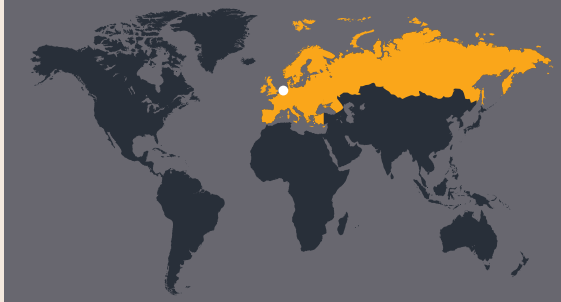
belgium

MR BART DE WEVER
Mayor of Antwerp, Belgium

Since 2013, Bart De Wever has been mayor of Antwerp, the largest city in Flanders, Belgium. He has also been general chairman of the New Flemish Alliance (N-VA) since 2004. He helped lay the foundations for the young party. He succeeded in his ambition to make the N-VA the biggest people's party in Flanders, which aims to defend the common interests of all 6.5 million citizens.

Since 2004, he has served as a representative in several of the country's parliaments, including the Senate. Bart De Wever studied history and worked for a time as an assistant at KU Leuven (University of Leuven). He is fascinated by the figure of Julius Caesar and possesses an almost inexhaustible knowledge of Ancient Rome. His Latin expressions are already legendary in Belgium. One example is 'Nil Volentibus Arduum': 'Nothing is impossible for the willing', which also reflects his party's name.

ABOUT THE CITY



TOTAL LAND AREA
205 KM²

POPULATION SIZE
514,432

POPULATION DENSITY
2,509 PER KM²

CONTACT/www.antwerpen.be



EILANDJE & MAS

The city of Antwerp has a long history in which the port has always played an important role. The harbour district of Eilandje was established in the 16th century. By the 20th century, Eilandje could no longer keep up with the explosive growth of the harbour, and the harbour activities began moving towards the northern part of Antwerp city. After the harbour activities at Eilandje had disappeared and it was left as a residual area, urban and harbour administrators once again set their sights on a new future for the district.

Step by step, Eilandje is turning into a neighbourhood where living, working, and experiencing culture, contained in a unique maritime framework, go hand in hand. The Museum aan de Stroom (MAS) is the new icon, representing first-rate architecture and dynamic scenography in this vibrant new part of the city. The MAS is an impressive building that houses the museum, as well as a two star restaurant, a museum café, a museum square, four pavilions, and more. Its immense windows provide ever-expanding views of the medieval city centre, the port, the Scheldt and the new city. Its design ties in perfectly with the historical function and the location's atmosphere. Located on the site of the former Hanzehuis (Hanseatic House), which was a storage depot in the 16th century, the MAS has become the pivoting point of the cultural north-south axis that connects the inner city with Eilandje, and has turned out to be one of the greatest tourist attractions in Antwerp.



AUCKLAND

new zealand

HIS WORSHIP LEN BROWN
Mayor of Auckland, New Zealand

Len Brown was elected Mayor of Auckland, Australasia's largest territorial authority, in 2010 and re-elected in 2013.

He has a vision for Auckland to be the world's most liveable city. He is committed to improving Auckland's transport network; quality compact urban design and more affordable housing; keeping rates low while improving economic performance; and building an inclusive culture in a city of 1.5 million people and 180 ethnicities. Raised and educated in Auckland, he studied then practised law, and co-founded local health, legal and business organisations as part of an ongoing commitment to community service.

His political career began in 1992, as local councillor in the ward where he grew up. Under his leadership, Auckland has developed a 30-year spatial plan for the development of the region and improved its standing on all three major international quality of life surveys. Mayor Brown is committed to working across political boundaries to benefit Auckland.

ABOUT THE CITY



TOTAL LAND AREA
4,893 KM²

POPULATION SIZE
1,526,900

POPULATION DENSITY
312 PER KM²

CONTACT/www.aucklandcouncil.govt.nz



AUCKLAND: THE WORLD'S MOST LIVEABLE CITY

Auckland is New Zealand's largest and fastest growing city, with a population projected to grow from 1.5 million to 2.5 million by 2040.

The city represents more than one third of New Zealand's population, GDP and paid employment, more than 40 per cent of the nation's foreign direct investment, and is home to two thirds of New Zealand's top 200 companies.

For decades, Auckland was held back by fragmented local governance, parochial decision-making and a lack of effective long-term planning. To address this, eight councils in the region were merged into a single entity in 2010, led by an executive Mayor.

The first elected Mayor of Auckland is Len Brown, who campaigned in 2010 to transform Auckland into 'the world's most liveable city'.

Since its inception, Auckland Council has created a single vision for Auckland — the Auckland Plan, a 30-year blueprint for the transformation of the city, made in partnership with central government, business, indigenous Maori tribes, and thousands of Aucklanders.

It has also created a 10-year Economic Development Strategy, a City Centre Master plan, the Waterfront plan and has been instrumental in the creation of a world-first economic agreement — Tripartite Economic Alliance — between its sister cities of Los Angeles and Guangzhou.

Auckland's transformation is now well underway, with a tangible new sense of pride amongst its citizens as it works towards becoming the world's most liveable city.

Auckland currently rates in the top 10 in three major international liveability indices, including steadily maintaining its third placing in Mercer's Quality of Living survey.



BANDUNG

republic of indonesia

H.E. MOCHAMAD RIDWAN KAMIL
Mayor of Bandung, Republic of Indonesia

Mochamad Ridwan Kamil, ST. MUD is Mayor of Bandung for the term 2013–2018. He has a background as an architect, lecturer, and social activist. He graduated from Architecture Engineering of Bandung Institute of Technology (ITB) and achieved a Master's Degree from University of California, Berkeley. After he finished his master program, he began his professional career in several firms in the United States of America and has built more than fifty architectural and urban design projects in America, the Middle East and Asia. With his own firm, he has won more than 20 competitions and awards, nationally and internationally.

Ridwan Kamil has a great vision to build Bandung as the best city in Indonesia, by integrating together innovation, creativity, and collaboration at its core.

ABOUT THE CITY



TOTAL LAND AREA
167 KM²

POPULATION SIZE
2,500,000

POPULATION DENSITY
14,970 PER KM²

CONTACT/www.bandung.go.id



BUILDING COLLABORATIVE SOCIETY THROUGH SMART CITY INNOVATION

Bandung, the 3rd largest city in Indonesia, is the city with the best economic performance (9% growth). With 60% of its population under 40, Bandung is very dynamic, with a creative economy energised by a young and talented population. The majority of the population is familiar with technology and social media as a means of communication.

Therefore, the Government of Bandung is using smart city technologies to control internal bureaucracy, monitor public mood, and connect with the public in interactive ways. The ability to interact and communicate with people via social media and mobile technology is key in developing public trust and creating engaged communities. In Bandung, all government departments must have a Twitter account in order to inform residents about public service activities.

Bandung also made a breakthrough by constructing the Bandung Command Centre (BCC) in early 2015 to oversee public services, organise and make data open to the public, and monitor real time situations through 4,000 surveillance cameras. Bandung also has a social media monitoring machine to scan the real-time problems generated by public conversations via social media.

These smart city innovations lead to increased trust in the Bandung government, as well as easier public engagement in fighting urban problems and executing city programmes. Urban disaster management and also increasing public participation in urban farming programmes are also easier to execute with these innovations.

Building a collaborative society towards a sustainable future with smart city innovations is the new identity of Bandung.



BEIRUT

lebanon

DR. BILAL HAMAD
Mayor of Beirut, Lebanon

Dr. Hamad has been the Mayor of Beirut since June 2010, and a professor in the Department of Civil & Environmental Engineering at the American University in Beirut (AUB). He is also a Consultant in the design and construction of reinforced concrete and steel structures, Earthquake Engineering, and repair and strengthening of existing buildings.

Dr. Hamad has published around 100 technical articles in refereed journals and conference proceedings. He is also one of the authors of the public safety decrees related to earthquakes, elevators and fire which have been adopted in the Lebanese construction law.

Since he became Mayor of Beirut, the City Council put a development strategy aimed at modernizing the City through various projects including the rehabilitation and upgrading of infrastructure; rehabilitation of green spaces and gardens; construction of tunnels and bridges; rehabilitation of existing museums and construction of new ones; planning and executing solutions for traffic and parking problems; as well as provision of social assistance and humanitarian aid. Several projects have been completed, and more are planned for the near future.

ABOUT THE CITY



TOTAL LAND AREA
21 KM²

POPULATION SIZE
1,250,000

POPULATION DENSITY
59,524 PER KM²



CITY SURVEILLANCE NETWORK

The city of Beirut is currently executing a high technology surveillance network consisting of more than 2,000 cameras covering all administrative areas of Beirut. The network is also connected to two memory banks and two major control rooms. This project to set up the city surveillance network is an important step toward making the city safer. The cameras in crime-prone areas will allow law enforcement to respond quickly, and will help prevent crime and terrorism. This preventive measure will benefit all residents in the city.



BHOPAL

republic of india

MR ALOK SHARMA
Mayor of Bhopal, Republic of India

Mr Alok Sharma became Honourable Mayor of Bhopal in February 2015. Born in Bhopal in 1967, Mayor Sharma was previously the ward councillor for two 5-year terms, 1994 to 2004. During his second tenure, he was also a member of the Standing Committee of Municipal Corporation and the National Working Committee of BJP Youth Wing. He has also been the general secretary of BJP in Bhopal District in 2005 and District President of BJP, Bhopal in 2010 and 2013.

His active engagement in social work at a very young age brought him to the notice of the ABVP and BJP youth wing. Notably, during the 1984 Bhopal Gas Tragedy, he played an active role in voluntary rescue operations. Since then, Mayor Sharma has been involved in feeding families who have lost their breadwinners during the tragedy, benefiting about 2000 people daily. With his work, Mayor Sharma aims to make Bhopal a Smart, Digital and Global City by 2020.

ABOUT THE CITY



TOTAL LAND AREA
464 KM²

POPULATION SIZE
2,300,000

POPULATION DENSITY
4,957 PER KM²

CONTACT/www.bmconline.gov.in



CONTINUAL IMPROVEMENT TOWARDS A LIVELY, LIVEABLE AND SUSTAINABLE CITY

Bhopal is the capital of the Indian state of Madhya Pradesh, and the administrative headquarters of Bhopal district and Bhopal division. Centrally located and known as the City of Lakes for its various natural and artificial lakes, Bhopal is also one of the greenest and largest cities in India, well-connected to the rest of the country.

Since its inception, the Municipal Corporation of Bhopal has always been on a path of continual improvement by setting benchmarks in the deliverance of services to stakeholders. In the past few decades, Bhopal has witnessed major transformations in urban development, including having one of the more successful Bus Rapid Transit (BRT) systems in India.

As Bhopal has been confident and aggressive in adopting technology, it is now in a position to implement many initiatives that may have been otherwise difficult to undertake. Learning from past experiences, Bhopal's 2015 budget consists of many initiatives and policies which project a vision in making Bhopal a lively, liveable, and sustainable city. These initiatives include compulsory utility duct provisions in all constructions, she-lounge facilities for ladies as part of public amenities, an innovative advertisement policy keeping in mind the city's aesthetics, culture and road safety, a heritage policy to conserve and use the city's rich heritage, a lake conservation cell, and a smart city cell to facilitate thought processes for the betterment of the city.

With well-planned public transport, infrastructure, institutes, academic hubs, IT hubs, and many more, Bhopal continues to maintain its titles of Green City, City of Heritage, City of Museums, and City of Lakes.



BILBAO

kingdom of spain

MR IBON ARESO
Mayor of Bilbao, Kingdom of Spain

Mayor Areso made his debut in politics in the 80s, first as Chief of Planning, Housing and Architecture of the province of Bizkaia within the Planning and Transport Department of the Basque Government, and later as Deputy Minister for Territorial Planning.

In 1987, he was hired by the city of Bilbao as Director of the Municipal Office for the development of the new General Urban Plan and in 1991, he was elected councilor for the Basque Nationalist Party and appointed Head of the Department of Planning and Environment and Deputy Mayor. Within the City of Bilbao, he has also held the greatest responsibility in the areas of construction and services, traffic and transportation, and parking and strategic interventions.

Mayor Areso has been a member of the Executive Committee of the Association for the Revitalization of Metropolitan Bilbao (Bilbao Metropoli-30), Director of Bilbao Ria 2000 since its founding. He has also served on the Boards of Directors of Metro Bilbao, the Bizkaia Transport Consortium and the Port Authority. Previously, he was Chief Councilor Town Planning and Policy Coordinator Urban Planning.

ABOUT THE CITY



TOTAL LAND AREA
40.7 KM²

POPULATION SIZE
349,869

POPULATION DENSITY
8,596 PER KM²

CONTACT/www.bilbao.net



NEW ECONOMY AND TERRITORY: FROM URBAN TRANSFORMATION TO KNOWLEDGE ECONOMY

Bilbao underwent a process of urban regeneration to address the physical decline of the city after being highly dependent on economic activities that were severely hit by the economic crisis of the 1980s, in particular, shipbuilding and the steel industry. This process, largely focused on environmental improvements and physical renewal, has given way to a policy-framework where economic development has become dominant. Bilbao is articulating a project for the city's future with some notable policy priorities:

- Transcending municipal boundaries: Cooperation with eight medium-sized cities in Southwest France and North Spain will make it possible for Bilbao to reach a functional area of more than 3 million people, and compete in the global scene by aligning its urban model at the regional or even mega regional scale.
- Smart specialisation: A strategy to prioritise four sectors — Creative Industries, Art, Technology & Design; Health & Tourism; Eco-Technology & Urban Solutions; and Advanced Business Services.
- Increasing international reach: Efforts will continue to better place the city and its companies on the global scale, following the success of urban regeneration of local companies.
- Academic excellence: Structural changes in the economy demand new skills. Universities are thought to play a leading role, hence the City Council is encouraging new universities to be located in Bilbao with the aim of achieving academic excellence.

The city's strategy also includes other objectives such as: strengthening external accessibility and internal connectivity; achieving a more balanced growth across space with economic activity being planned for different boroughs; and the role of culture as a major driver of economic development and social cohesion.



BUCHAREST

romania

PROF. DR. SORIN MIRCEA OPRESCU
Mayor of Bucharest, Romania

Sorin Mircea Oprescu holds a PhD from the Carol Davila University of Medicine and Pharmacy. In 1978, he joined the Faculty of Medicine as an associate lecturer, and later became a full Professor in surgical specialties.

Prof. Oprescu was General Manager of the University's Emergency Hospital between 1994 and 2006. Due to his good work, he was summoned by the *Menachem H. Elias Foundation* to take over the administration of Elias Hospital between 2001 and 2005, to modernise and develop its medical facilities and services. His political career started in 1995. He was elected General Counselor at the Bucharest City Hall in 1996, Vice General Mayor in 2000, and served two terms in the Romanian Senate. He became General Mayor of Bucharest in 2008, and he won his second term in 2012.

Prof. Oprescu has achieved several objectives for his city, in areas such as social conscientiousness, safety of the citizens, while striving for improving the quality of life in the capital city of Romania. In his tenure, large-scale investments were initiated while others were finalised, thus becoming authentic landmarks of Bucharest.

ABOUT THE CITY



TOTAL LAND AREA
228 KM²

POPULATION SIZE
1,883,425

POPULATION DENSITY
8,261 PER KM²

CONTACT/www.pmb.ro



INTERNATIONAL COOPERATION — BUCHAREST CITY HALL

International cooperation is the key to tackling common interest matters, from global issues such as climate change, to regional issues such as the EU Strategy, and local problems like transport and mobility. Since 1993, Bucharest has entered into 31 cooperation/collaboration/twinning agreements. From 1997 to 1999, 16 agreements were signed. The main areas of cooperation are: culture (23%), urban planning (20%), environment issues (17%), economy (14%) and infrastructure (13%).

The most active agreements signed by Bucharest are those with: Vienna, Rome, Beijing, Ankara, Istanbul and Seoul. Aside from the formal framework, there are friendly relations with cities such as Paris, Barcelona, Anderlecht, Sofia, Berlin, and Ingolstadt.

Bucharest is also cooperating within international organisations such as:

— The International Association of the French Speaking Mayors (AIMF)
— The World Association of Major Metropolises (METROPOLIS)
— The Union of Central, South and Eastern European Capitals (UCSEEC)
— The Union of Capitals of the European Union (UCEU)
— The World e-Governments Organization of Cities and Local Governments (WeGO)
— Città de Bio

Bucharest has entered a series of multilateral agreements as well: Covenant of Mayor, Paris Declaration 2015, Vienna Declaration 2015, and more. Regardless of the type of international cooperation, as cities around the world are facing similar challenges and issues, by gathering together to tackle common issues, exchanging information and knowledge, and supporting each other, cities can ensure their citizens a better quality of life. The Bucharest General Mayor aims to increase and extend the exchange and cooperation with other developed cities in the world.



CAPE TOWN

republic of south africa

ALDERMAN MS PATRICIA DE LILLE
Her Worship The Executive Mayor of Cape Town
Western Cape Province, Republic of South Africa

Patricia de Lille has fought injustice for the past 40 years through her involvement in politics. She is known for her role as a trade unionist in the struggle for equality and as the initial whistle-blower on the infamous Arms Deal in 1999.

After leading the Pan Africanist Congress of Azania (PAC) delegation to the constitutional negotiations in Kempton Park, she became a Member of Parliament where Nelson Mandela appointed her as the Transport Portfolio Committee Chairperson. She was the first woman to form her own political party in democratic South Africa.

She is the Trustee of the Nelson Mandela Children's Fund and African Monitor as well as an Honorary Colonel in the South African Defence Force.

She was elected the Mayor of Cape Town in the 2011 Local Government Elections. She was named the world's best mayor in May 2013 by City Mayors.

ABOUT THE CITY



TOTAL LAND AREA
2,444 KM²

POPULATION SIZE
3,900,000

POPULATION DENSITY
1,523 PER KM²

CONTACT/ www.capetown.gov.za



MAYOR'S PORTFOLIO OF URBAN SUSTAINABILITY

Faced with the legacies of Apartheid and contemporary challenges, the City of Cape Town needs to approach sustainability in a manner that builds social and ecological resilience. The Mayor's Portfolio of Urban Sustainability envisages analysing and showcasing projects managed or supported by the city that demonstrate elements of best practices in sustainability and innovation in terms of design and implementation.

The project aims to:

- Identify particular on-the-ground projects managed or supported by the city;
- Build collaborative processes and facilitate the continued mainstreaming of sustainability principles in the city;
- Identify project elements that demonstrate and ultimately inculcate best practices in the city;
- Assess these projects according to a defined set of indicators, thus identifying their strengths and weaknesses, and;
- Provide a useful resource to demonstrate how to implement sustainability principles.

The Portfolio highlighted 34 projects for assessment based on their sustainability in a delicate urban ecosystem and their ability to meet the social and economic needs of Capetonians without compromising the natural system they rely upon.

Project assessments were conducted by a diverse review panel comprising representatives from the Western Cape Provincial Government, academia, the private sector and civil society leaders. These stakeholders were chosen based on their knowledge, interest and work in broad areas of urban sustainability.

The above-mentioned process culminated in a publication, launched in June 2014, and a set of best practice guidelines — which is like a textbook of design best practices that can be used in the city's daily planning to entrench sustainability in all city actions and decisions.



CITY OF CEBU

republic of the philippines

HONOURABLE MICHAEL L. RAMA
Mayor of Cebu City, Republic of the Philippines

Mayor Michael Rama was born in Cebu City. He is a lawyer who worked for private firms and companies in Cebu City. He began his public service as a city councilor (1992-2001) and became a Vice Mayor for three consecutive terms (2001-2010). In 2010, he was appointed as Cebu City mayor, now serving his second term until 2016.

Under his leadership, the city received awards in the area of local governance like the "Cebu City Asean City of Culture in Creative Industries" in July 2011 and the "Gawad Pamanang Lahi Award for Exemplary Performance in Local Governance" in 2011 conferred by the Department of Interior and Local Government. In 2012, the city received the "Seal of Good Housekeeping" Award" conferred by the DILG and First Prize in the G2B Category in the eGovernance Award in 2012 and 2013 conferred by the National ICT Confederation of the Philippines.

Mayor Michael Rama is actively involved in community work. He is member of the Young Lawyers Association of Cebu (YLAC) and an active member of the Rotary Club of Cebu.

ABOUT THE CITY



TOTAL LAND AREA
315 KM²

POPULATION SIZE
866,171

POPULATION DENSITY
2,700 PER KM²

CONTACT/www.cebu.gov.ph



LET THERE BE LIGHT PROGRAM

The "Let There Be Light Program" is being implemented by the Cebu City Government and the Visayan Electric Company, Inc.(VECO). It started in August 15, 2012 under the administration of Mayor Michael L. Rama.

The "Let There Be Light Program" addresses the first of the Millenium Development Goals of the Philippines to eradicate extreme poverty and hunger. The programme's target beneficiaries are the city's urban poor sector whose living conditions in the absence of electric power deserve to be uplifted, for them to live decent, healthy, moral and lawful lives and be given assistance and support for the health, safety and security of their lives. The Cebu City Government believes that the presence or absence of electric power is a driver of the economic, social and health conditions of a community.

The programme grants temporary electrical permits without cost to qualified urban poor households who are recognised by the local government. Through the programme and the provision light and electricity, electrical pilferage and crime rates are decreased.

Out of the 20,468 applicants for programme, 9,083 are already installed with electric connection while other applicants are still complying with the requirements. The 20,468 applicants are part of the 52,718 total households or families who have availed of the urban poor housing and lot amortisation programmes under the Division for the Welfare of the Urban Poor (DWUP).



DUBAI MUNICIPALITY

united arab emirates

H.E. HUSSAIN NASSER LOOTAH
Director General, Dubai Municipality, United Arab Emirates

Engineer Hussain Nasser Lootah was appointed as Acting DG of Dubai Municipality in February 2006, then promoted to Director General on January 7th, 2009.

Mr Lootah began his career as an engineer with the Federal Ministry of Electricity and Water. He joined the Dubai Municipality in 1985 as Assistant Head of Section. He was later appointed as Assistant DG for Environment and Public Health Affairs. In 2004, he was transferred to the post of Assistant DG for Planning and Building Affairs.

In December 2005, Mr Lootah became Deputy DG of Dubai Municipality. He chaired a number of committees such as the Technical Committee, Strategic Plan Committee, e-Government Committee, Personnel Committee, and organising committees of several conferences. He was instrumental in winning some 30 local, regional and international awards for Dubai Municipality.

As the Director General, Mr Lootah is assisted by 6 Assistant DG and 32 Head of Departments. He is a member of The Executive Council of Dubai Government where he heads several committees. Mr Lootah is also an active member of numerous governmental and non-governmental boards and councils on the local and international level.

ABOUT THE CITY



TOTAL LAND AREA
4,114 KM²

POPULATION SIZE
2,262,000

POPULATION DENSITY
408 PER KM²

CONTACT/www.dm.gov.ae



DUBAI'S SOLAR ENERGY PUSH

Dubai is currently embarking on the Dubai Integrated Energy Strategy 2030 action plan, which aims to reduce energy demand by 30% by 2030, and diversify the energy mix with natural gas, nuclear and clean coal, and solar energy. The target is for renewable energy to constitute 7% of Dubai's energy mix by 2020 and 15% by 2030. Many programmes are set to help Dubai increase its use of renewable energy, most notably with regards to solar energy.

Notably, the Dubai Electricity and Water Authority (DEWA) is developing the Mohammed bin Rashid Al Maktoum solar park, which is planned to have a capacity output of 1,000MW by 2030. The first solar power project in the park was launched in 2014, and the second will follow in 2017. All these will help to make solar power more affordable for Dubai residents, and also be a larger part of Dubai's energy mix.

Solar power is also to be used in powering public infrastructure. The Al Khazan Park in Dubai is the first park in the city to run completely on solar power. Solar power is used for lighting and irrigation pumps, and solar energy is even stored in underground batteries to power its washrooms. It is part of a drive to make Dubai parks more environmentally-friendly and energy efficient - old lighting in other parks are also being replaced with solar lighting.

Dubai's focus on solar energy reduces the city's greenhouse gas emissions, and at the same time, it also generates new jobs, increases energy security, and increases energy competitiveness.



FORTALEZA

federative republic of brazil

MR ROBERTO CLÁUDIO RODRIGUES BEZERRA
Mayor of Fortaleza, Federative Republic of Brazil

Roberto Cláudio Rodrigues Bezerra has a medical doctor's degree from the Federal University of Ceará and a master's degree and PhD in Public Health from the University of Arizona. As a professional, his focus has always been planning, promoting and evaluating public health policies, especially in the 'Family Health Program', a Brazilian federal health programme. In October 2012, he was elected mayor of Fortaleza for the term from 2013 to 2016. One of his first actions as mayor was to reform all 92 basic health units in Fortaleza and to order the construction of 25 new ones.

He was elected State Representative in 2006 and re-elected in 2010. In 2011, he was unanimously elected President of the House of Representatives for the biennium 2011–2013, where he implemented a programme of management committed to the modernisation and computerisation of the House and its departments. As a result, the House became the first carbon free public building in Brazil.

ABOUT THE CITY



TOTAL LAND AREA
315 KM²

POPULATION SIZE
2,571,896

POPULATION DENSITY
8,165 PER KM²

CONTACT/ www.fortaleza.ce.gov.br



IMMEDIATE ACTION PLAN FOR URBAN TRANSPORT AND TRAFFIC OF FORTALEZA

The plan is a set of initiatives proposed by Fortaleza City Hall that seek to improve overall urban street traffic and transit systems in the short term. It aims to enhance traffic flow and safety performance at critical points by reviewing and updating traffic signal coordination, improving pavement markings and signalling, reviewing heavy vehicle traffic in certain areas, as well as carrying out small road interventions.

In 2014, 43.3 kilometres of exclusive bus lanes were implemented, a 439% increase as compared to previous years. The cycling infrastructure is also expanding, with 43.5 kilometres of cycle paths also enacted in 2014, a growth of 63% on the existing structure. These statistics show that as a proportion of the size of the road network, Fortaleza already has more dedicated bus lanes than São Paulo, Brazil's largest city, and about the same in terms of total length of cycle paths.

The investment on dedicated bus lanes and cycle paths is helping to reduce the travel time experienced by the users of the public transportation system. The average speed of buses has increased by 124% compared to the average speed before the changes. The redesigning of current public transport routes is also likely to provide an increased capillarity in the system. The goal is to reach more peripheral areas of the city and leverage on the benefits of integration through a 'Single Fare' which allows users to change transit units within two hours with the same fare. More than 850,000 people benefit from the system today.



FUKUOKA CITY

japan

MR SOICHIRO TAKASHIMA
Mayor of Fukuoka City, Japan

Mayor Soichiro Takashima was born on November 1, 1974. He began working at Kyushu Asahi Broadcasting Co., Ltd (KBC) in 1997 as a presenter for TV programmes featuring environmental issues, variety shows and talk shows.

He assumed the post of mayor of Fukuoka City in December 2010 and was re-elected in December 2014 with the highest number of votes in history.

In order to shape Fukuoka into Asia's forerunner in striking a balance among people, the environment, and urban vitality, the Mayor is accelerating a "virtuous cycle of improvement of the quality of life and urban growth." He is also making every effort to push Fukuoka to the next level under the banner of the "FUKUOKA NEXT" policy.

ABOUT THE CITY



TOTAL LAND AREA
341.7 KM²

POPULATION SIZE
1,520,000

POPULATION DENSITY
4,448 PER KM²

CONTACT/www.city.fukuoka.lg.jp



CREATING HIGH LIVEABILITY IN A HIGH DENSITY CITY

Fukuoka City has pursued compact urban development by controlling urban sprawl according to its Master Plan, the first of its kind in Japan. Through this process, it have resolved various urban issues borne through rapid population increase and urbanisation. Subsequently the city has been evaluated as a highly liveable city by overseas magazines, as well as UN Habitat.

The Master Plan, recently revised for the first time in 25 years, was created with the aim to develop Fukuoka as a city that strikes a good balance among people, the environment, and urban vitality.

In terms of the environment, it has used water saving measures and the "Fukuoka Method" landfill technology in its active efforts to engage in international cooperation with developing countries. Through the implementation of a programme that extracts hydrogen energy from the sewage treatment process, the city is on its way to realising a recycling-based society.

Most recently, the City has implemented a variety of initiatives in partnership with industry, academia, and citizens. Free Wi-Fi services have been made available at all subway stations and sightseeing spots. By easing regulations under the National Strategic Special Zone project, the city has established a more favourable environment to increase momentum for start-ups, and opportunities for networking and matching among related parties. Fukuoka City aims to attract more people and businesses from home and abroad, and continue to the next stage as an even more liveable and innovative city.



GIZA GOVERNORATE

egypt

H.E. KHALID ZAKARIA EL ADLI IMAM
Governor of Giza, Egypt

Dr El Adli is Governor of Giza and former Principal Partner and Managing Director at EAG Consulting. He is also Vice President at the International Society of City and Regional Planners, the Hague; Associate Dean and Professor of Architecture and Urban Design at the Faculty of Urban and Regional Planning, Cairo University; and Chair of the Committee on Open Spaces and Parks. Dr El Adli's vast international experience as a practicing architect, planner, landscape architect, and an academic spans over 25 years. Dr El Adli's administrative experience, other than his current appointments, includes top management positions and advisory positions.

As an expert on Sustainable Planning and Liveable Cites, Dr El Adli has published extensively, delivered speeches at numerous international conferences, and has conducted presentations aimed at improving public understanding of the importance of sustainable planning and design excellence. Dr El Adli is also a member of the International Society of City and Regional Planners, American Institute of Architects, and the American Institute of Landscape Architects.

ABOUT THE CITY



TOTAL LAND AREA
1,580 KM²

POPULATION SIZE
7,000,000

POPULATION DENSITY
4,430 PER KM²

CONTACT/www.giza.gov.eg



IMBABA URBAN UPGRADING PROJECT

The Northern Sector of the Giza Governorate is about 3,140 feddans in size (1 feddan=1.038 acre) and has a population of about 1 million people. Imbaba is a neighbourhood in the Northern Sector that is in need of urban upgrading. The Imbaba Urban Upgrading Project aims to regenerate and upgrade the area, and the project's main concept focuses on: connectivity, quality of life and inclusion.

In terms of connectivity, the development of the Orabi Corridor will link Imbaba to the Cairo Ring Road, the greater Cairo region, and surrounding districts. This tunnel, together with other bridges and roads being planned, would help to improve the road network and increase accessibility. A Metro line is also being proposed to further improve the connectivity of Imbaba and the Northern Sector of Giza.

To improve the quality of life, 180 feddans of land has been set aside for the development of green areas and gardens. Notably, the Imbaba Garden has opened in 2014. The Imbaba Urban Upgrading Project will also link the Northern Sector to the Nile.

Finally, to ensure inclusion, there will be projects generating job opportunities for the residents, as well as increased provision of primary services. These include educational services, health services, administrative services, security services and social services. There will also be provision of adequate housing with 52 feddans of vacant land set aside for new housing. Additional services that are being planned for include higher institutes of education, sports facilities and youth centres, public parks, as well as cultural centres.



HAI DUONG CITY

socialist republic of vietnam

DOAN VIET HUNG
Chairman of the People's Committee, Hai Duong, Socialist Republic of Vietnam

Mr Doan Viet Hung was born in 1959 in Hai Duong city. After his graduation from the University of Science and Technology of Vietnam, he began working for Hai Duong city, and since 1984 he has been the Mayor of Hai Duong city.

As the Mayor, he is responsible for the implementation of community development programs for more than 220,000 residents of Hai Duong city.

He encourages public-private-partnerships to provide the projects for housing, recreation, industrial and commercial development.

ABOUT THE CITY



TOTAL LAND AREA
72 KM²

POPULATION SIZE
225,639

POPULATION DENSITY
3,134 PER KM²

CONTACT/ www.haiduongcity.haiduong.gov.vn



URBAN GREENING OF HAI DUONG CITY

If construction creates the shape of a city, plants will be the "jacket" to create its beauty.

Currently, the urbanisation rate of Hai Duong city is almost 80% and it keeps increasing. To steer urban development towards greening and sustainability, it is necessary to start from initial design and planning. However, there are challenges from environmental pollution, natural resources, energy usage, climate change, etc. making significant impacts to the urban image, infrastructure quality, living conditions and the environment.

Comprehending these challenges, Hai Duong city leader has proposed the plan to build and develop green buildings for an eco-city with the goal of fast and sustainable urban development. Accordingly, the urban planning and environmental management should be applied in parallel to achieve synergies in the use of resources, industrial and economic development and to build a healthy environment for the people, including good public transport.

It is necessary for the local government to supply essential services to improve the lives of the people such as water, wastewater treatment, energy, telecommunications, an education system, health services, culture, sports and urban greenspace, etc. An indispensable part of the solution is to apply advance science and technology in the development of green buildings and a green city.

The socialisation of green urban development is very essential, as well as the policies to attract sponsors, development organisations and investors to participate in the construction and development of green buildings and a green city that will determine the success or failure of Hai Duong city's urban development path towards greening.



INCHEON METROPOLITAN CITY

south korea

MR YOO JEONG-BOK
Mayor of Incheon Metropolitan City, South Korea

A native of the western port city of Incheon, Mr Yoo Jeong-bok started his public career at the Ministry of Home Affairs in 1979 after passing the national administrative services exam and having served as the governor for Gimpo County.

He was elected a lawmaker in 2004, 2008 and 2012. He led the Ministry of Food, Agriculture, Forestry and Fisheries for a year in 2010, and the Ministry of Public Administration and Security in 2013, before being inaugurated as the Mayor of Incheon Metropolitan City in June 2014.

He is the only mayor in South Korea who has served twice as a minister and three terms as a member of the National Assembly. Mayor Yoo graduated from Seoul's Yonsei University in 1980, received a master's degree in government administration from Seoul National University, and completed a PhD in Political Science from Yonsei University.

ABOUT THE CITY



TOTAL LAND AREA
1,041 KM²

POPULATION SIZE
2,964,199

POPULATION DENSITY
2,847 PER KM²

CONTACT/www.incheon.go.kr



CREATING AN ECO-FRIENDLY CITY MODEL FOR SUSTAINABLE ECONOMIC DEVELOPMENT

Incheon Metropolitan City has been pursuing sustainable economic development by developing an eco-friendly city model which has automatic waste collection facilities (AWCF) and ubiquitous systems. Songdo International City in Incheon has attracted international recognition as the best example of a city in the region which has successfully applied this model.

The city's AWCF collects domestic waste through underground pipelines using air pressure to transport the materials at high speed to the incinerators. Songdo has reduced CO2 emissions through these facilities and reduced heating costs for citizens through sales of waste heat, offering a clean environment without the need for waste collections and garbage trucks.

In addition to its cutting-edge ICT infrastructure, Songdo has been developing U-ECO City infrastructure. ICT infrastructure such as pipe utility conduits and community pipes not only safely provide info-communication technologies, but also provide the city with a service which is managed from a central control room via an ICT system which combines inputs from RFID, USIN and CCTV networks. This has made a more efficient smart-grid energy supply service, waste product recycling, and an energy reduction per house program possible.

Based on these best practices, Songdo has attracted numerous global enterprises and international organisations to the city, including the establishment of the GCF Headquarters that will raise US$100 billion in environmental funding. Songdo has also been recognised in the global media as a leading proponent of experimental eco-friendly technology and an example of a city with state-of-the-art energy efficiency and environmental design.



KAZAN

russia

MR ILSUR METSHIN
Mayor of Kazan, Tatarstan, Russia

Mr Ilsur Metshin was born in 1969 in Niznekamsk city. He graduated from the Kazan Federal University with degree in Law in 1992. From 1993, he was appointed as the Head of the housing privatisation agency in Kazan Sovetsky district Administration.

From 1995 to 1997, Mr Metshin was the Head of Administration of Kazan Sovetsky district, before becoming the Deputy Head of Administration of Kazan Vahitovsky district for two years after that. Then, from 1998 to 2005, he became Head of Niznekamsk city Administration.

Mr Metshin was a member of the State Council of Tatarstan Republic (2nd election) from 2000 to 2004. Following that, he took on the position of Head of Kazan city Administration. On 17 March 2006, Mr Metshin became the Head of Kazan city Municipality. Since April 2007, he has also been a member of the UN Advisory Council on local government, and from October 2006, he has taken on the role of Vice-President at the international organization, United Cities and Local Governments.

ABOUT THE CITY



TOTAL LAND AREA
614 KM²

POPULATION SIZE
1,206,000

POPULATION DENSITY
1,964 PER KM²

CONTACT/www.kzn.ru



Universiade, the Olympic Games for university students for more than 50 years, appears to be one of the top international student sports events, in terms of importance and representation. The capital of Russian sport — Kazan, was the host of the Summer Universiade from 6–17 July 2013.

Kazan took advantage of the Universiade to give a great push for city developments. Due to the games, Kazan became famous within Russia and internationally, and Kazan also improved itself with economic and infrastructure developments.

More than 1,600 sports facilities including football pitches, swimming pools, rinks, racetracks, etc. were prepared for the Universiade since the beginning of 2013. People who have seen Kazan before the Universiade, cannot recognise the city now. The Kazan airport which, just a few years ago looked like any other Soviet building, has been totally reconstructed with a new modern terminal and new runways.

During the last two years, 29 brand new sport facilities were built. The major ones are: Palace of Aquatic Sports, Gymnastic Centre, The Academy of Tennis named by Shamil Tarpischev, Palace of Martial Arts, Rowing Sports Channel, and Skeet Shooting Centre. There are very few similar facilities in terms of scale and technical capabilities in Russia.

More than 19% of roads in Kazan were renewed in preparation for the Universiade. Thanks to the Universiade, the living conditions of Kazan have been improved, thus giving the people of Kazan better opportunities to live a healthy life.



KHANH HOA PROVINCE

socialist republic of vietnam

H.E. NGYUEN CHIEN THANG
Chairman of Khanh Hoa Province,
Socialist Republic of Vietnam

Nguyen Chien Thang, Doctor of Cybernetics, was originally Professor of Thu Duc school of Industrial Techniques in Ho Chi Minh city, Vietnam. He then transferred to Nha Trang Fisheries University (now Nha Trang University) and completed his Master's Degree in Russia. He began his political career in the Khanh Hoa Department of Fisheries in 1999. Subsequently, he held various positions as he became Secretary of the Party Committee of Cam Ranh town, then Deputy Head and Head of Provincial Party Committee Organization, Vice Secretary of Provincial Party Committee, and currently, he is Chairman of the Khanh Hoa People's Committee, Vietnam.

ABOUT THE CITY



TOTAL LAND AREA
5,217 KM²

POPULATION SIZE
1,200,000

POPULATION DENSITY
230 PER KM²

CONTACT/www.khanhhoa.gov.vn



KHANH HOA'S SUSTAINABLE DEVELOPMENT

Strategically located on the south central coast of Vietnam, Khanh Hoa is a province which has a population of 1.2 million and an area of 5,217 km². Khanh Hoa has a long coastline with nearly 200 isles and diverse ocean resources. The advantages of such natural conditions, its geographic position and long-standing cultural history have greatly contributed to the development of its ocean economy, including seafood production and export; shipbuilding and especially island-oriented tourist activities.

Khanh Hoa is striving to attract foreign investment towards three well-known and strategic bays, Van Phong, Cam Ranh and Nha Trang, which are highly regarded as important economic zones for the future. Van Phong, located in the north, is planned as a collective economic zone with various functions: for example, northern Van Phong is planned as an Administrative – Special Economic Zone approved by the government. Cam Ranh, strategically located in the south, is playing an important role in economic development with many projects, such as Cam Ranh International Airport, international marine services, the Northern Cam Ranh Peninsula Tourism Area, and more. At the centre of economics, politics and culture is Nha Trang, one of the world's 29 most beautiful bays. It is planned to be the leading centre of modernised infrastructure domestically and internationally.

Khanh Hoa is proactively taking action for the comprehensive development of its tourism, education, training, medicine and culture. It has been and is always endeavoring to attract more foreign investment. Khanh Hoa is committed to offering the most favourable conditions such that foreign investors can efficiently maximise their financial and human resources.



KUCHING NORTH

malaysia

DATUK HAJI ABANG ABDUL WAHAP BIN HAJI ABANG JULAI
Mayor of Kuching North City Commission, Malaysia

Datuk Haji Abang Abdul Wahap Bin Haji Abang Julai is the sixth mayor of Kuching North City Commission and was conferred on Aug 1, 2011. He was a Probationary Inspector from 1970 to 2007. Abdul Wahap received his Advance Diploma in Police Science at National University of Malaysia in 1989, and Bachelor of Law (LLB) (Honours) from the International Islamic University Malaysia in 1994.

Abdul Wahap served a State Deputy Police Commissioner of Sarawak from 2002 until 2005. He retired from the police force in 2007, and his last post with the police was as the Director of Narcotics Crime Investigation Department (NCID) at Bukit Aman Police HQ, Kuala Lumpur. In 2007, he was awarded the 'Panglima Gagah Pasukan Police" (PGPP), the highest award in Malaysian Police Force and 'Panglima Jasa Negara" (PJN) which carries the title "Datuk" by His Majesty Yang Di Pertuan Agong, King of Malaysia.

ABOUT THE CITY



TOTAL LAND AREA
369.5 KM²

POPULATION SIZE
220,000

POPULATION DENSITY
595 PER KM²

CONTACT/www.dbku.gov.my



KUCHING CBS (CLEAN, BEAUTIFUL AND SAFE) ENHANCEMENT PLAN

Kuching North City Hall (DBKU) envisions Kuching to be a Vibrant Liveable City of Choice. The Clean, Beautiful and Safe (CBS) Enhancement Plan is a five-year plan prescribing a conceptual framework to enhance and transform Kuching City as the cleanest, most beautiful, safest and the most-talked about city in Asia by 2017. It calls on the citizens to rise to the challenge of transforming the community, and to create a sustainable urban environment for future generations with the emphasis of creating a city with a soul.

This action plan sets out a clear vision, with concrete targets and the steps required in achieving the targets. It is classified into three significant focus areas – clean, beautiful and safe. Firstly, Kuching North City Hall is committed to providing clean public spaces and spaces for all communities to use and enjoy. The Clean City Strategy aims to enhance public spaces focusing on three elements – land, air and water, all incorporating community engagement initiatives. Secondly, Kuching North City Hall strives not only to enhance, but to preserve, conserve and sustain its heritage in making Kuching City one of the most beautiful cities in Asia for the benefit of all generations to see. Lastly, Kuching North City Hall takes a conceptual approach to city safety, identifying key challenges to be addressed at all levels and the need to develop sustainable networks that involve the participation of partners and the local communities.



KYIV

ukraine

MR VITALI KLITSCHKO
Mayor of Kyiv, Ukraine

Mayor Vitali Klitschko graduated from the Pereyaslav-Khmelnitsky State Pedagogical University with a Candidate of Sciences (sport and physical education). In 2011, he graduated from the National Academy of Public Administration of the President of Ukraine, with a Master's Degree in "Managing Social Development". In 2003, he and his brother founded the Klitschko Brothers Foundation, a nationwide Ukrainian charitable organization. Previously, Mayor Vitali Klitschko was a professional boxer who had earned several boxing titles.

Mayor Vitali Klitschko began his political career in 2006. In April 2010, he was the Party Leader for the Ukrainian Democratic Alliance for Reforms (UDAR). In May 2014, he won the election to become the Mayor of Kyiv, and in that election, UDAR also received 78 of the 120 mandates at the Kyiv City Council. Mayor Vitali Klitschko also holds the honorary title of the Hero of Ukraine.

ABOUT THE CITY



TOTAL LAND AREA
836 KM²

POPULATION SIZE
2,887,974

POPULATION DENSITY
3,455 PER KM²

CONTACT/ www.kievcity.gov.ua



WI-FI IN THE SUBWAY

Many residents and guests of Kyiv connect to Wi-Fi on their mobile devices. The high usage gave an impetus to the Kyiv City State Administration to create high-speed Internet access in the Kyiv subway. The main objective was to provide high-speed Wi-Fi coverage throughout the subway, including on escalators, platforms, tunnels and subway trains.

The new multi-access Wi-Fi network will consist of:

- An optical high-way network
- A cable network at subway stations and station units
- Wi-Fi access points
- Wi-Fi based CCTV
- Monitoring and control systems

The high-way Wi-Fi network covers 52 stations, 67.5km of subway lines and 744 trains. The system will provide video surveillance in subway trains, as well as access to the Internet for 1.5 million daily passengers on the subway. This Wi-Fi network will allow for communication and data transmission at a high speed, as well as large numbers of simultaneous connections to the network.

In September 2014, Fidomobile won an open tender held by the Kyiv City State Administration in order to select an operator for a high-speed Wi-Fi network in the city's subway with an investment plan of USD 7.7 million. Investor funds in the city budget were also allocated to the project, amounting to USD 800,000. The first phase of this project is progressing on track and results are expected in 2015.



MARRAKECH

kingdom of morocco

HER EXCELLENCY FATIMA ZAHRA MANSOURI
Mayor of Marrakech, Kingdom of Morocco

Fatima Zahra Mansouri was born in 1976 into a family of dignitaries from the Rhamna. She is the daughter of Abderrahman Mansouri, who was pasha (deputy governor) of Marrakech for eight years and the ambassador of Morocco to the United Arab Emirates.

Mansouri started her career as a lawyer and founded a law firm that specializes in commercial and real estate transactions. She also served as a municipal counselor for the Authenticity and Modernity Party (PAM).

Educated in French schools in Marrakesh, she studied law in France, influenced by her father from a young age, watching his arguments in court.

ABOUT THE CITY



TOTAL LAND AREA
230 KM²

POPULATION SIZE
909,000

POPULATION DENSITY
3,952 PER KM²



MARRAKECH CITY OF PERMANENT RENEWAL

The "Marrakech city of permanent renewal" reflects the city's strong will to secure a balanced, integrated and sustainable development of the ochre city. The four-year programme, requiring 6.3 billion MAD in investments, revolves around developing cultural legacy, improving urban mobility and integration, promoting good governance and preserving the environment.

Based on an innovative approach which consists of overarching, integrated and coherent public actions, the project will support the city's urban and demographic development, consolidate its economic attractiveness, reinforce its status as a world tourism pole, improve social, cultural and sports infrastructures and promote human development indicators.

The city also launched the Mhamid citizen space project (189 million MAD), which is an integral part of the "Marrakech city of permanent renewal" project. The space will feature a polyvalent sports hall, a swimming pool, football and rugby stadiums, a mini-football stadium, a library, a music academy and a mosque. It will also comprise a centre for persons with specific needs, an exhibition space of handicraft products, a playground, a centre for associations and a shelter for the elderly.

Source:
http://www.moroccoworldnews.com
Image source:
Marrakech, Morocco by russavia. CC by 3.0



MEDELLÍN

republic of colombia

MR ANÍBAL GAVIRIA
Mayor of Medellín, Republic of Colombia

Aníbal Gaviria was born in Medellin in 1966. Gaviria holds a B.A in Business from EAFIT University and has recently pursued graduate studies at John F. Kennedy School of Government at Harvard University. From 2004 to 2007, he was the Governor of Antioquia. During his term, he directed his administration to work with mayors to unify the regional municipalities in the pursuit of equity and higher levels of development. At the end of his term, he was recognised as the best Governor in the country.

In 2010, he ran for the Vice Presidency of the Republic by the Liberal Party and in 2011, with the goal of achieving greater levels of security and equality, he was elected Mayor of Medellín for the period 2012–2015. In his term as the Mayor of Medellín, he has already been recognised as the Mayor focusing on overcoming poverty.

ABOUT THE CITY



TOTAL LAND AREA
381 KM²

POPULATION SIZE
2,441,123

POPULATION DENSITY
6,407 PER KM²

CONTACT/ www.medellin.gov.co



UNIDADES DE VIDA ARTICULADA (UNITS OF ARTICULATED LIFE)

In line with the Development Plan 2012–2015 'Medellin, a home for life', the 'Unidades de Vida Articulada – UVA' (Units of Articulated Life) has been defined as one of its flagship programmes. These units are public spaces in the comunas (neighbourhoods) which aim to promote sports, recreation, cultural development and community involvement. These spaces are meant to allow residents to lead a holistic lifestyle and provide new meeting points for communities, generating new opportunities for social inclusion.

The two priorities of the 'Unidades de Vida Articulada – UVA' are:

- To ensure that all population groups in the municipality utilise public spaces more during their leisure time, learn new ways of approaching culture, and understand the importance of physical and mental health through various programmes.
- To generate recognition and increase usage of the different areas within the comunas of the municipality by its inhabitants.

The UVAs are located in areas of the city that lack adequate spaces for community interactions, such as the water tanks of the utilities company EPM, which have been banned from public access for years. They are now transformed into a public space open to citizens, to help improve equity in the community.

These facilities also link together different programmes and projects in the municipality, and serve to unify the urban fabric through strategies that focus on civic co-responsibility. Response has also been positive — in the first year of the project's implementation, more than 270,000 people have visited the first two UVAs built.



METRO MANILA

republic of the philippines

HONOURABLE FRANCIS N. TOLENTINO
Mayor of Metro Manila, Republic of the Philippines

Hon. Francis N. Tolentino is the current Chairman of the Metropolitan Manila Development Authority (MMDA) and a lawyer by practice. He previously served as the Mayor of Tagaytay City, Cavite for 11 years and was the President of the League of Cities of the Philippines from 2001 to 2004. He studied for a Master of Laws specialising in Public and International Law at the University of London in England, and graduated with Merit (2nd Honours). He is currently a candidate for a degree of Doctor of Juridical Science (International Environmental Law) at Tulane University Law School in New Orleans, Louisiana, USA. He passed the Philippine Bar Exam in 1984 and passed the New York State Bar Exam in 1991.

ABOUT THE CITY



TOTAL LAND AREA
636 KM²

POPULATION SIZE
11,800,000

POPULATION DENSITY
18,553 PER KM²

CONTACT/www.mmda.gov.ph



REVIVAL OF THE PASIG RIVER FERRY SYSTEM

The 25-kilometer Pasig River is the main river that connects most of the cities of Metro Manila and serves as a link between the Laguna de Bay, the largest lake in the Philippines, and the Manila Bay. The Pasig River used to be an important transport route and source of water during the Spanish occupation of Manila, but has since deteriorated in terms of function and utility. An attempt at reviving the transport route with ferry boats in early 2007 unfortunately folded in 2011 due to operational and financial issues.

On 28 April 2014, the Metropolitan Manila Development Authority (MMDA) successfully launched the revitalised Pasig River Ferry System. This ferry system utilises the original terminals and other infrastructure left behind by the previous operator; however, its operational cost is just a fraction of what it used to be, resulting in cheaper ferry fares for commuters.

The Pasig River System now serves as an alternative mode of transport to help ease traffic congestion in Metro Manila which has resulted from road construction projects. It has also boosted tourism activity in Metro Manila with various tours opened for students and those who want to experience travelling by ferry. An application was also developed to provide information about the ferry trip schedule and ferry arrival timings for efficient trip planning. 4 more terminals are expected to be operationalised this year, in addition to the existing 7 terminals in 2014. Ridership is also expected to increase from 72,000 passengers to 178,000 passengers by the end of 2015.



MUNTINLUPA CITY

republic of the philippines

HON. JAIME DELA ROSA FRESNEDI
Mayor of Muntinlupa, NCR, Republic of the Philippines

A true-blue Muntinlupeño, **Atty. Jaime dela Rosa Fresnedi** was born on April 27, 1950 to Demetrio "Metring" Fresnedi, Sr. and Dolores "Loleng" dela Rosa. To survive, Jimmy, as fondly called by his family and friends, has been working very hard all his life since he was a little boy. The young Jimmy would sell pandesal (a local bread) and later became a meat vendor, helping his mother at the Poblacion Market. Little did he know that exemplary traits, such as firm determination, utmost dedication to work and perseverance would serve him well in his later career.

Jimmy studied his degree in AB Political Science and Bachelor of Laws at the Lyceum of the Philippines in Manila. He passed the bar exams in 1976. A struggling lawyer then, he decided to join the family owned gas station business. In between obligations in managing the business, Jimmy is also an active civilian.

ABOUT THE CITY



TOTAL LAND AREA
46.7 KM²

POPULATION SIZE
459,941

POPULATION DENSITY
9,849 PER KM²

CONTACT/ www.muntinlupacity.gov.ph



STREAMLINING THE CITY GOVERNMENT'S BUSINESS REGISTRATION

The cost of doing business in the Philippines is one factor that generally affects the economy's difficulty in attracting foreign direct investments. A World Bank 2014 global study on cost of doing business in economies concludes that the Philippines ranks 108th. The local business permit in the Philippines generally takes 6 days on average.

In the World Economic Forum's 2013 Global Competitive Index, for the Most Problematic Factors in Doing Business, the Philippines featured in the top 5 factors:

1. Inadequate supply of infrastructure 21.1
2. Corruption 17.8
3. Inefficient government bureaucracy 16.9
4. Tax regulations 8.6
5. Restrictive labour regulations 8.4

The Corruption and Inefficient Government Bureaucracy factors are correlated with the speed of business registrations and the transactions of businesses with local governments.

The Fresnedi Administration created a cluster in the business registration in Muntinlupa by housing all the relevant regulatory offices under one roof, which is called Business-One-Stop-Shop (BOSS). The scheme streamlines the usual 12 steps into 6 steps. The 12-step process, which has a turnaround time of 6–7 working days, is reflected in the 2014 World Bank Report.

The Philippines Chamber of Commerce recognised Muntinlupa as the Most Business-friendly City in the country in 2001 and 2002, and it was a finalist for the coveted award in 2006 because of BOSS. AIM Policy Center and Institute of Management Development recognised Muntinlupa as the Most Competitive City in the Philippines and the Most Improved City in 2005, with BOSS as one of the city's features.



NEW YORK CITY

united states of america

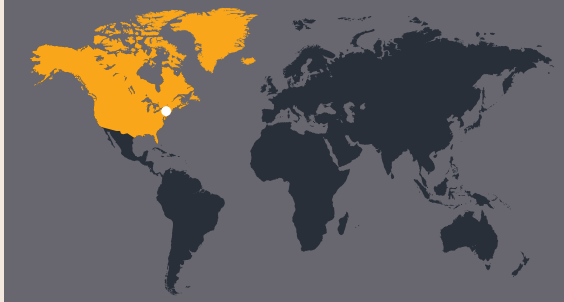
MR BILL DE BLASIO
Mayor of New York City, New York, United States of America

Bill began his career in public service as a junior staffer for New York City's first African-American mayor, David N. Dinkins, and later became an assistant for community affairs at City Hall. In 1997, Bill became Regional Director of the US Department of Housing & Urban Development. Three years later he was recruited to manage Hillary Clinton's campaign for US Senate in the state of New York.

In 2000, Bill was elected to the New York City Council, representing the diverse neighbourhoods of western Brooklyn. In his eight years there, Bill focused on improving public education, engaging parents, expanding affordable housing, and protecting New York's middle-class and working poor.

In 2010, Bill was sworn in as New York City Public Advocate, the second-highest citywide elected office, where he strengthened representation and services for the millions of workers who are the foundation of the city's economy. As mayor, Bill is committed to making sure every child gets a great education, protecting our streets and our communities, and building a city where New Yorkers from all five boroughs can start businesses, raise their families, and afford to live in their own neighbourhoods.

ABOUT THE CITY



TOTAL LAND AREA
1,214 KM²

POPULATION SIZE
8,491,079

POPULATION DENSITY
6,994 PER KM²

CONTACT/ www.nyc.gov



NEW YORK CITY FACES A CRISIS OF AFFORDABILITY

One of the biggest casualties of the city's success and influx of people has been the supply of affordable housing. More than half of New Yorkers are rent burdened, paying nearly a half of their income on housing.

That is why, in the de Blasio Administration, housing is priority number one. Last year Mayor de Blasio released Housing New York, urban America's most ambitious housing plan in history, with the goal of building or preserving 200,000 units of affordable housing. That includes the construction of 80,000 units and the preservation of 120,000 units of the existing affordable stock.

In fulfilling these affordable housing goals, the City is working to make it such that the development of market-rate housing can cross-subsidise affordable housing. The more that people want and need to build, the more space there is to talk about affordable housing. The City is also create opportunities for new housing development, through untapped city assets, reforming building and housing codes, and overhauling regulations to lower costs and unlock development.

Meanwhile, the City is taking a fresh look at the various tools and assistance structures at its disposal, to ensure that development subsidies or tax abatements are deployed as a lever to support projects that work towards creating a more equitable city. When the City re-zones a neighbourhood to unlock substantial new housing capacity, for example, developers won't simply be required to build affordable housing; they will be required to do so through a programme of Mandatory Inclusionary Zoning.

And by strengthening rent regulation, enhancing preservation, and protecting tenants from landlord harassment, New York City is working towards its goal of 200,000 long-term affordable units over 10 years.



OAKLAND

united states of america

HONORABLE LIBBY SCHAAF
Mayor of Oakland, California, United States of America

Mayor Schaaf was inaugurated Oakland, California's 50th mayor on January 5, 2015. A native Oaklander, she previously served one term as a member of the Oakland City Council. A former Council chief-of-staff and top mayoral aide to Jerry Brown, Mayor Schaaf has two decades of public service experience that began while she was a young attorney leading volunteer efforts in Oakland. She later left her legal career to build and run the first centralised volunteer program for Oakland public schools at the Marcus Foster Institute. Mayor Schaaf eventually went on to become Public Affairs Director for the Port of Oakland.

She is honoured to serve the people of Oakland and to promote her hometown as the greatest place to live, work, play and do business. She is committed to revitalisation that preserves and celebrates Oakland's diversity and leads to direct prosperity for long-time residents and newcomers. Her four areas of focus as mayor are: holistic community safety, sustainable vibrant infrastructure, equitable jobs and housing, and responsive trustworthy government.

ABOUT THE CITY



TOTAL LAND AREA
145 KM²

POPULATION SIZE
410,603

POPULATION DENSITY
2,832 PER KM²

CONTACT/ www.oaklandnet.com



SUSTAINABILITY CASE STUDY: OAKLAND — THE CENTRE OF THE SOLAR UNIVERSE

Oakland is known nationally for its hugely successful green and cleantech economy, with more than 350 companies and 8,000 employees. However, it is as the nation's hub in solar energy that the City truly shines. Oakland is headquarters to more than a dozen solar companies, ranging from established international leaders like Sungevity and BrightSource to dynamic newcomers like Utility API and Brightcurrent. SfunCube, a solar startup incubator and accelerator in downtown, has spawned new enterprises revolutionising solar financing, marketing, data management, design, and installation. Major solar advocates such as the Center for Sustainable Energy and Vote Solar lead the charge in renewable energy policy from Oakland, while Renewable Funding manages the country's largest PACE program to finance energy efficiency projects. Innovators like Grid Alternatives and Mosaic are forever changing the way solar projects are linked to the lives of millions, building America's green workforce while proving that saving the planet can be profitable for business.

Oakland has invested heavily in creating a climate that fosters business innovation and development, and is poised to continue its growth in one of the fastest and most critically needed industries in the nation. As our world continues its push towards low carbon economies, Oakland will remain a leader in housing the business that powers our cleaner and greener future.



PETRA

jordan

DR. MOHAMMED ABBAS AL NAWAFLEH
Mayor of Petra, Jordan

Dr. Mohammed Abbas Al Nawafleh is the Chief Commissioner of the Petra Development & Tourism Region Authority (PDTRA). Born in Amman, Jordan, Dr. Mohammed Abbas Al Nawafleh has a Ph.D in Mechanical Engineering and Units of Light Industries. Previously, Dr. Mohammed Abbas Al Nawafleh was an Associate Professor at the Al-Hussein Bin Talal University. As Chief Commissioner, Dr. Mohammed Abbas Al Nawafleh is concerned with introducing positive changes to the ancient city of Petra, increasing tourist numbers and implementing investment projects to improve Petra's tourism industry and reputation.

ABOUT THE CITY



TOTAL LAND AREA
264 KM²

POPULATION SIZE
32,000

POPULATION DENSITY
121 PER KM²

CONTACT/www.pdtra.gov.jo



SITE PRESENTATION – SIGNS PROJECT

Petra is a city that has great historical and archaeological value. With structures that are half-built and half-carved into rock, Petra is considered one of the world's most famous archaeological sites, and a major tourist attraction in Jordan. It is also recognised as a UNESCO World Heritage Site.

Appropriate signage is a key factor in the presentation of sites. As such the Signs Project was introduced, in order to introduce signs to meet the international standards of World Heritage Sites. Previously, the site had a variety of different types and styles of signs. This led to a need to standardise all signs and visitor information to make the site more presentable, and for signs to properly demarcate primary and secondary trails within the historical sites.

This project was started in 1999, and was reviewed and upgraded by the Petra Development and Tourism Region Authority in 2012. This new review included new signs that encourage the appropriate circulation of visitors to protect the archaeological value of Petra's historic sites, as well as other information boards with updated information about new trails and new excavations in Petra's sites. This aims to provide visitors with the latest information. The new signs are more effective, historically accurate, durable, relevant to and visually compatible with the site, thereby enhancing the tourist experience at Petra.



PHNOM PENH CAPITAL CITY

kingdom of cambodia

HIS EXCELLENCY PA SOCHEATEVONG
Governor of Phnom Penh Capital City, Kingdom of Cambodia

Pa Socheatevong is the governor of the municipality of Phnom Penh. Born in 1957, Pa Socheatevong graduated with a Bachelor Degree of Science and Philosophy in 1987. He was awarded a Doctor of Business Administration in South California, USA in 1997.

Before rising to his position as the governor, he has held the title of Deputy Governor of Phnom Penh Capital City, Deputy Governor of Battambang Province, Deputy Governor of Kampong Thom Province and Deputy Chief of Phnom Penh Education and Propaganda Committee. Having served in the local governance for a larger part of his career, Pa Socheatevong is well-versed with the local political climate. He is actively involved in the country's bid to clean up and improve their drainage pipes system, effectively preventing major floods from occurring.

ABOUT THE CITY



TOTAL LAND AREA
678.46 KM^2

POPULATION SIZE
1,501,725

POPULATION DENSITY
2,213 PER KM^2

CONTACT/www.phnompenh.gov.kh



URBAN TRANSPORT SYSTEM BLUEPRINT

Phnom Penh's suburban population is projected to reach 2.88 million in 2035, with serious consequences of urban sprawl. Assisted by the Japan International Cooperation Agency (JICA), the city has developed a comprehensive strategy to tackle the problems accompanying such rapid growth – traffic congestion, garbage management, wastewater treatment and rising demand for both water and electricity.

In the area of transport, the city recently released its Urban Transport Master Plan targeting 2035, including a short-term plan (2016) and a medium-term plan (2020). Strategies include expanded bus routes, widened streets and the introduction of an urban rail system in 2020. There is a present dearth of public transit options – only the motorcycle taxi, metered taxi, and the tuk-tuk. No mass public transport system currently operates in the city. Traffic congestion and traffic accidents have also increased due to the fast-growing numbers of private car and motorbike ownership.

Supporting measures will be introduced – such as improvements on the parking system to tackle the present proliferation of illegal parking on roadsides and sidewalks, adopting a one-way traffic system on certain roads, technology-aided traffic management, and an updating of its traffic signaling system. The administration also seeks to strengthen and improve the implementation capacity of the urban transport-related agencies.

Public experiments and the city's urban transport system blueprint have been presented and discussed at a seminar for citizens in May 2014. Public feedback will be integrated into the adopted solutions, and active citizen participation is regarded as essential to the success of the city's plans.

Sources:
http://nextcity.org
http://www.phnompenhpost.com/
http://cleanairinitiative.org
http://www.khmertimeskh.com/

Image source:
Phnom Penh City hall by Kiensvay. CC by 3.0



PITTSBURGH

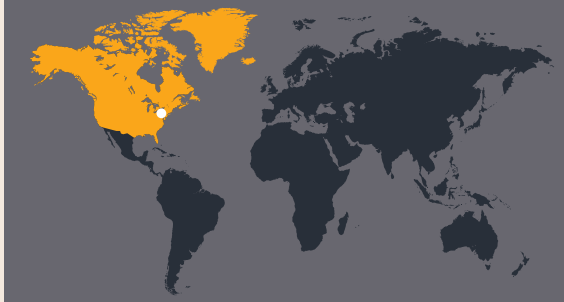
united states of america

MR BILL PEDUTO
Mayor of Pittsburgh, United States of America

Bill Peduto has worked for 19 years on the Pittsburgh City Council.

A self-described "Reform Democrat", Bill Peduto wrote the most comprehensive package of government reform legislation in Pittsburgh's history. He strengthened the Ethics Code, created the city's first Campaign Finance Limits, established Lobbyist Disclosure and Lobbyist Registration and ended No-Bid Contracts. During Pittsburgh's ongoing financial crisis, Bill Peduto has been the consistent voice of fiscal discipline. Understanding that the city needed leadership — Bill Peduto was the first — and only — politician to call for the city to apply for Act 47 state protection. He helped to write a new budget, lobbied to get others on board and after a year of hard work he was able to lead the city into a new five year plan. In addition, Bill Peduto has been directly involved in over $2 billion in transformative redevelopment of the city's East End and has had extensive experience in helping transform Pittsburgh's economy into a Med/Ed New Economy.

ABOUT THE CITY



TOTAL LAND AREA
151 KM²

POPULATION SIZE
305,841

POPULATION DENSITY
2,025 PER KM²

CONTACT/www.pittsburghpa.gov

BETTER BIKING IN PITTSBURGH

The City of Pittsburgh aims to become a top 10 city for biking in the United States. As part of the two-year long PeopleForBikes Green Lane Project announced in March 2014, the local government of Pittsburgh is committed to building protected bike lanes. These protected bike lanes are designed to help improve safety, ease traffic congestion and increase economic activity while providing necessary infrastructure for Pittsburgh to become a biking city. There are exclusive traffic lanes for bikes -- motorists, Segways, scooters and pedestrians are not permitted to merge into or travel within the protected lanes. The city plans to construct 5 miles of protected bike lanes from 2014 to 2016.

In May 2015, a bicycle-sharing programme named Healthy Ride will also be launched, with 50 stations and 500 bicycles. This system will be publicly operated, and will be in addition to current bike rental services that are privately operated. By providing this alternative mode of transportation, the city also hopes to give residents a chance to pursue an active lifestyle through cycling. Bikes will be available 24 hours a day, seven days a week. The system is expected to increase the connectivity and viability of public transportation in Pittsburgh, as residents are now able to utilise cycling routes to travel short distances, and also travel from light-rail stations.

These initiatives add on to existing bike trails that Pittsburgh offers, and will help to develop a network of cycling routes that are safe and convenient for all residents to enjoy.

Sources:

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http://www.post-gazette.com/life/recreation/2015/04/08/Bike-sharing-program-to-begin-in-Pittsburgh-next-month/stories/201504080189

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PUTRAJAYA
malaysia

TAN SRI DATO' SERI (DR) ASEH BIN HAJI CHE MAT
Governor of Putrajaya, Malaysia

Tan Sri Dato' Seri (Dr) Aseh Bin Haji Che Mat was born in Negeri Sembilan, Malaysia, on 22 October 1951. He is married with four children. He obtained his BA (Hons.) (Economics) from the University of Malaya in 1974, and Masters in Public Administration from the University of Southern California in 1984. He was honoured with a PhD (Honorary) from the Lim Kok Wing University of Creative Technology in Malaysia in 2007.

Tan Sri Dato' Seri (Dr) Aseh Bin Haji Che Mat has received many awards from the federal and state governments of Malaysia. His vast experience of 39 years in the government and the private sector has equipped him to be a dedicated and excellent mayor of Putrajaya City. Besides his current position as the President of the Putrajaya Corporation, he is also the Chairman and President of various companies and organisations.

ABOUT THE CITY



TOTAL LAND AREA
49.3 KM²

POPULATION SIZE
86,000

POPULATION DENSITY
1,744 PER KM²

CONTACT/www.ppj.gov.my



PUTRAJAYA TOWARDS LOW CARBON GREEN CITY 2025

Putrajaya, Malaysia's federal government administrative city, is now gearing towards becoming Malaysia's pioneer sustainable low carbon green city by 2025. As a new city less than 20 years of age, Putrajaya was planned based on two underlying principles. Firstly, the city is to be an intelligent city that houses state-of-the-art e-government initiatives. Secondly, the city is to be developed in a garden setting by assigning almost 40% of the city area for parks and open spaces, including a lake and wetlands.

In 2010, the Malaysian Government decided that Putrajaya is to be transformed into a pioneer green city showcasing green technology and initiatives, as well as promoting a green low carbon lifestyle that is to be emulated by other townships in Malaysia. While the Malaysian Government had declared a conditional commitment to reduce 40% of CO_2 emission intensity by 2020 from the 2005 baseline at COP 15 in Copenhagen, Putrajaya has set a target of reducing 60% of its CO_2 emissions by 2025.

Putrajaya is now actively gearing the city's development towards this vision by focusing on areas involving the city-wide reduction of energy consumption in buildings, and more. These include energy efficiency measures, the generation of renewable energy, the provision of a low carbon transportation system involving EV buses and the promotion of cycling and walking, a solid waste management scheme involving waste to energy solutions, as well as intensifying 3R programmes within the city's communities.



QUANG NGAI

socialist republic of vietnam

H.E. CHU LE VIET
Mayor of Quang Ngai, Socialist Republic of Vietnam

Mr Le Viet Chu is the Chairman of the Quang Ngai Provincial People's Committee. Before being elected, he was the Deputy Secretary of the Provincial People's Committee, former Director of Provincial Department of Transportation, Former Vice-Chairman of Quang Ngai Provincial People's Committee, and Former Chairman of the Vietnam Fatherland Front Committee of Quang Ngai province. Mr Le Viet Chu aims to improve Quang Ngai City's investment environment, develop tourism services, improve transportation infrastructure, increase accessibility to healthcare services and increase the standard of living for Quang Ngai's residents.

ABOUT THE CITY



TOTAL LAND AREA
5,131 KM²

POPULATION SIZE
1,300,000

POPULATION DENSITY
253 PER KM²

CONTACT/ www.quangngai.gov.vn



CHANGING TRA KHUC RIVER'S FLOW, THE WORK REVIVING THE RIVER AND INITIATING THE DEVELOPMENT OF QUANG NGAI CITY

Tra Khuc river is the biggest river in Quang Ngai Province with Thach Nham irrigation works, watering for 50,000 hectares of agricultural land. The landscape on both sides of the river is a great advantage for urban developments in a green, clean, beautiful and modern way. However, the river often goes dry in the hot, sunny season yet always causes flood during the cool, rainy season. This has adverse effects on the development of the province.

Therefore, Quang Ngai has carried out the research on changing the flow of Tra Khuc River with the purpose of bringing practical benefits to the community, limiting the river bed's erosion and sedimentation, and contributing to the development of the city. The objective is to take the river as the development axis and progress towards the sea — which is the general trend of global developments and sustainability. The project will bring back the image of the poetic and mild river in the past to the local citizens, and at the same time, form the green, clean and beautiful environment which connects the local cultural values with the river. The natural friendliness of the city with the green and clean environment, brings the city closer to the long-standing cultural values of Quang Ngai Land. This is what the project wants to aim at, and in the process, to contribute to the development of local social values.



QUEZON CITY

republic of the philippines

HONOURABLE HERBERT CONSTANTINE M. BAUTISTA
Mayor of Quezon City, Republic of the Philippines

Mayor Bautista is known as a pioneer and progressive advocate of solutions for environment issues and climate change. As a result, the city is reducing its carbon footprint through the shift of public facilities towards alternative energy sources, wider installation of systems for resource reuse, and restrictions in the use of non-biodegradable materials. In addition, he has made Quezon City the first city in the Philippines to implement a Green Building Ordinance to enforce sustainable building standards throughout the city. He has also directed the development of a waste-to-energy project to transform the city's garbage problem into a new power source.

Mayor Bautista's urban development framework anchors the City's housing and resettlement programme on disaster-risk reduction as well as quality of life enrichment. This award-winning socialised housing programme is moving the poor living in dangerous areas towards new townships. He has also actively pioneered in the creation of a local government investment corporation, for the city to further stimulate the influx of desirable investments.

ABOUT THE CITY



TOTAL LAND AREA
162 KM²

POPULATION SIZE
3,200,000

POPULATION DENSITY
19,753 PER KM²

CONTACT/ www.quezoncity.gov.ph



QUEZON CITY'S CLIMATE CHANGE ACTION PLAN (CCAP)

The CCAP provides guidelines for the city's adaptation to climate change. The Environment Code, a comprehensive policy framework enacted in 2014 to reduce the city's carbon footprint, integrates and codifies policies on biodiversity management, solid waste management, materials recovery facilities, waste water treatment regulations, and restrictions on the use of non-biodegradable materials.

The city's initiatives to reduce its carbon footprint include:

- Greenhouse Gas Inventory — Biodiversity Profile: This involves the carbon sequestration of trees through a tree inventory in the city's major green and open spaces to minimise the adverse effects of rising levels of heat-trapping gases in the atmosphere.
- Green Building Ordinance: This requires mandatory compliance with sustainable building standards for all structures in the city, including the retrofitting of old buildings in order to lower the high greenhouse gas emissions in building construction.
- Plastic Bag Reduction Ordinance: This initiative resulted in more than two million pieces of plastic bags diverted from the city's waste stream, and raised a Green Fund dedicated to financing environmental programmes, approved by private sector participants.
- Energy-efficient light-emitting diodes (LED): An initial 2,000 streetlights in major thoroughfares of the city have switched to using LEDs.

Quezon City's next venture is a major waste-to-energy facility that can process over 2,000 tons of waste generated by the city daily into electricity. This is an addition to the UNFCC-registered biogas emission reduction plant already operational at its landfill, which sells electricity to the grid, and the refuse-derived fuel plant, from which the city has sold more than 15,000 tons of fuel to a cement factory.



ROME

italy

MR IGNAZIO MARINO
Mayor of Rome, Italy

Ignazio Marino was elected as Mayor of Rome in 2013. Previously, he was elected as Senator and became Chairman of the Senate Committee on Health in 2006, re-elected Senator and was appointed Chair of the Investigative Committee on the National Health Care System in 2008. Mayor Marino graduated in 1979 with a degree in Medicine and Surgery from the Università Cattolica Sacro Cuore, Rome. He has over 20 years of medical experience, working as a successful surgeon and hospital director. He performed over 650 organ transplants and authored more than 680 publications and several books.

ABOUT THE CITY

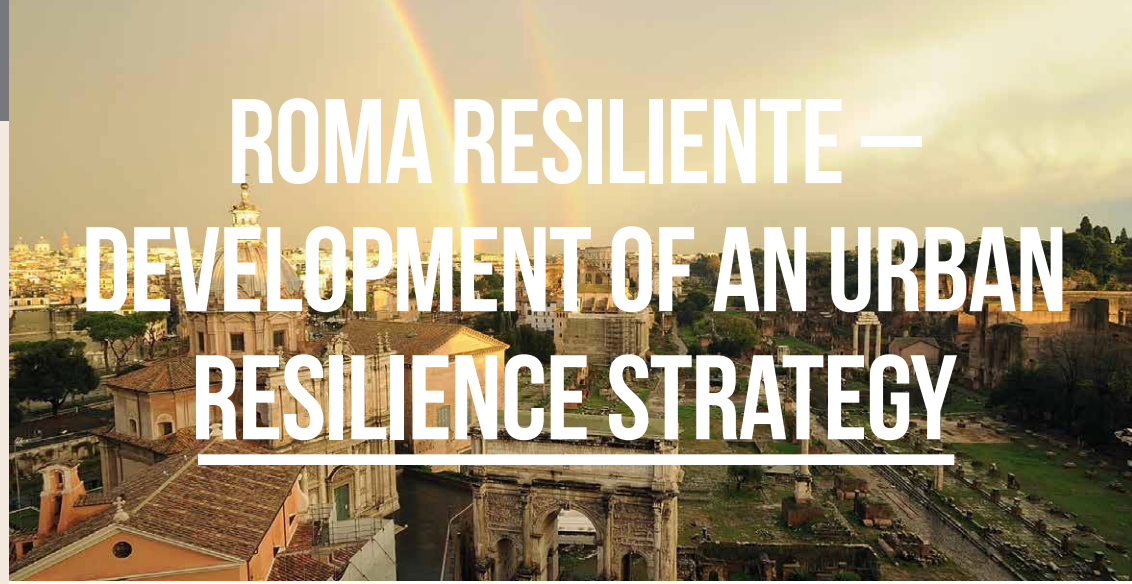


TOTAL LAND AREA
1,285 KM²

POPULATION SIZE
2,873,967

POPULATION DENSITY
2,237 PER KM²

CONTACT/www.comune.roma.it



ROMA RESILIENTE – DEVELOPMENT OF AN URBAN RESILIENCE STRATEGY

'Roma Resiliente' is Rome's plan to develop its urban resilience. This is needed as Rome aims to address problems such as poorly regulated development and its vulnerability to floods, which threaten to undermine social cohesion and economic prosperity. Rome is also recognised as part of the 100 Resilient Cities initiative pioneered by the Rockefeller Foundation, which aims to help Rome improve its capability to withstand both internal and external shocks and stresses.

The strategy process for 'Roma Resiliente' was launched in early 2015. A working team has been set up, a participatory process has been designed and is now being implemented, and a task-force for the acquisition of relevant data is currently active. The city is now in the stage of identifying resilience building priorities, which will be completed by July 2015; following which a new round of stakeholders' engagement will be launched in order to identify relevant actions to be implemented by the city and other stakeholders.

Some of the areas that the city of Rome is planning to increase its urban resilience are that of:

- Climate change adaptation
- Harnessing urban data
- Improving water management
- Improving governance and civic participation
- Protection of the city's artistic and cultural heritage
- Utilising innovative urban planning



SAN SIMON, PAMPANGA

republic of the philippines

MS LEONORA SIMBULAN CAPULE WONG
Mayor of San Simon, Pampanga,
Republic of the Philippines

Mayor Leonora Simbulan Capule Wong is the first female mayor of San Simon, Pampanga, Philippines. Popularly known as WONG or "Woman of Noble Governance", Mayor Wong was born in San Simon, Pampanga, in 1963. She graduated with a Bachelor of Science degree in Foreign Service from the Lyceum of the Philippines. She is married to Lewis Choon Huat Wong, and they have three children.

Under Mayor Wong's five years of leadership, San Simon was awarded the Seal of Good Housekeeping and Seal of Good Local Governance by the Philippines Department of the Interior and Local Government, the 2014 Provincial Best Public Employment Service Office, and the 2014 Seal of Child-Friendly Local Governance. With her noble governance, Mayor Wong leads by example and inspires her people to build a better San Simon.

ABOUT THE CITY



TOTAL LAND AREA
57.4 KM²

POPULATION SIZE
50,711

POPULATION DENSITY
883 PER KM²

CONTACT/ www.sansimonpampanga.gov.ph



FEAST IN PUBLIC SERVICE: INNOVATION, MODERNISATION AND COMPUTERISATION

San Simon is a paragon of good governance with the implementation of its Electronic Governance (eGov) program applied to internal systems and frontline services of the local government unit (LGU). This program has institutionalised Fast, Effective, Accountable, Sustainable and Transparent (FEAST) public service.

The San Simon eGov introduced by Mayor Leonora Simbulan Capule Wong eliminated the issues and challenges of the manual and inefficient system in a traditional LGU. Guided by the political will and initiative of Mayor Wong to modernise and computerise the LGU's systems and procedures, the implementation of an Electronic Business Permit and Licensing System and Tax Collection made it easy to do business in the locality. In addition, eGov has significantly increased local incomes, and funds for numerous livelihood, educational, health, agriculture, infrastructure and environmental projects of the LGU.

The eGov program of San Simon has garnered various national awards, such as the 2013 eGOV Awards for Excellence in Information Communication and Technology for Good Governance, and the 2013 Most Outstanding LGU for IT Innovations and Streamlining Program for Mayor's Permit. The Philippine Department of Local and Interior Government has partnered with San Simon in the promotion of transparency and accountability through e-Governance. San Simon was also a national finalist in the 2014 Most Business-Friendly LGU award of the Philippine Chamber of Commerce and Industry Inc.

FEAST has resulted in the restored trust and confidence of the people, and changed the attitude of public servants towards that of forging collaborative and inclusive partnerships between the private and public sector.



SANTA FE

united states of america

MR JAVIER M. GONZALES
Mayor of Santa Fe, United States of America

Mayor Javier M. Gonzales is known for his progressive vision and inclusive style. He served on the Santa Fe County Commission from 1995 to 2002. In 2001, Gonzales was elected as the first Hispanic President of the National Association of Counties. As President, he was able to lead a national organisation that represents more than 3,000 counties nationwide. His leadership, drive, and vision led to two successful terms as the Chair of the Democratic Party of New Mexico.

Gonzales also currently serves as the Vice President of Corporate Responsibility and Sustainability for Rosemont Realty, where he oversees the greening of office buildings to make them more energy efficient. He has been active in promoting better education for the youth, having served as Chair of the Board of Regents of Highland University in Las Vegas, NM (2004–2008) and a member of the Board of Regents of New Mexico State University in Las Cruces, NM (2009–2015).

ABOUT THE CITY



TOTAL LAND AREA
136 KM²

POPULATION SIZE
82,800

POPULATION DENSITY
609 PER KM²

CONTACT/ www.santafenm.gov



COMPREHENSIVE WATER PLANNING

The City of Santa Fe supplies water to approximately 80,000 residents. Historically, the Santa Fe River was the primary water source. Today, water needs are met via surface and groundwater sources, supplemented by reclaimed wastewater use and conservation. The Municipal Watershed Plan provides a framework for long-term management, outreach and funding by addressing four areas:

1. Vegetation management & fire use
2. Water management
3. Financial management based on customer rate payers investment in ecosystem services
4. Public awareness & outreach

The City's responsibility is to prepare for a range of conditions resulting from climate change, variations in peak stream run-off, evaporation, extreme weather events, and increased demand from hotter, drier, and longer summer seasons. The City monitors drought conditions and invokes strategies to provide short-term relief should conditions significantly worsen. The Emergency Water Regulations Ordinance provides tactics to deliver short-term relief from temporary, drought-related water supply shortages. This ensures demand does not exceed sustainable, available supply and production capacity.

Drought or no drought, awareness and conservation are cornerstones of the City's comprehensive water planning. The Water Conservation Programme includes outreach, educational programmes, rebates, incentives and xeriscape demonstration gardens. The response to these efforts by residents has been significant, with them being full partners in efforts to preserve the water supply. As evidence of the shared success, despite significant growth over the last 20 years, the city of Santa Fe has succeeded in reducing water consumption by 29 percent, from 13,180 acre-feet in 1995 to 9,414 acre-feet in 2013.



SASKATOON, SASKATCHEWAN

canada

MR DONALD J. ATCHISON
Mayor of Saskatoon, Saskatchewan, Canada

Mayor Donald J. Atchison is serving his fourth term as Mayor of Saskatoon, Saskatchewan. At the end of this term, he will be the longest serving Mayor in the city's history. He was elected to the City Council in 1994 and was first elected Mayor in 2003. Mayor Atchison has guided Saskatoon through more than a decade of exceptional economic expansion and population growth. Saskatoon is one of Canada's fastest growing cities and home to more than 270,000 people. The Mayor's cooperative leadership philosophy has brought together governments and the private sector to build a great city for families while fostering a positive business environment. Nationally and internationally recognised projects include the Shaw Centre for Aquatics, the SaskTel Sports Centre and the Remai Modern Art Gallery of Saskatchewan. Mayor Atchison has received numerous honours for his service to the people of Saskatoon, including the Queen Elizabeth the Second Diamond Jubilee medal.

ABOUT THE CITY



TOTAL LAND AREA
214.6 KM²

POPULATION SIZE
270,000

POPULATION DENSITY
1,258 PER KM²

CONTACT/www.saskatoon.ca



THE NEW CITY CENTRE REJUVENATION

The city centre is the financial, commercial and cultural centre of Saskatoon and the region. The city's rapid growth requires a rethinking of municipal policies and strategies in an urgent yet thoughtful way. Residents expect the city of the future to have an active transportation plan, have higher downtown density and be environmentally and financially sustainable over the long term.

The City Centre Rejuvenation will create a vibrant mix of uses, including residential, commercial, retail and F&B, along with cultural, educational and recreational opportunities. These will be supported with an active transportation plan, high quality open spaces and public infrastructure, as well as additional parking and innovative public policies that will foster private sector investment.

The key strategies involved in the rejuvenation of the city centre are:

1. Develop a strong and unique retail core as a regional destination
2. Develop an all season network of public spaces
3. Develop a network of pedestrian priority streets
4. Improve connectivity to surrounding neighbourhoods
5. Advance arts and culture
6. Improve transportation, meeting the needs of cyclists, vehicles and transit
7. Implement city policies that encourage private sector investment

There is a 15 year time line for phasing in the changes, including the implementation of design guidelines, incentives for office and retail mixed use, and public parking structures.



SUCRE MUNICIPALITY

republic of venezuela

MR CARLOS OCARIZ
Mayor of the Municipality of Sucre, Republic of Venezuela

Carlos Ocariz is the Mayor of the Municipality of Sucre, an urban city in the Caracas metropolitan region. Mayor Ocariz was first elected in 2008, and then, re-elected in 2013.

At 24, while working for the Governor of Miranda, Ocariz founded the State of Miranda Social Development Foundation, through which he and other professionals sought to attain greater citizen participation over budget decisions and investments made in their neighbourhood. Through his work with the Foundation and the governor's office, Ocariz was able to learn firsthand the struggles and needs of Sucre residents.

In 2011, he was named Venezuela's Best Mayor and is perceived as the best mayor the city of Sucre has ever had. In March 2014, he established the Association of Mayors for Venezuela, comprising more than 70 mayors. In the same year, the World Mayor Association named Carlos Ocariz the 4th best mayor of the world and best mayor of Latin America.

ABOUT THE CITY

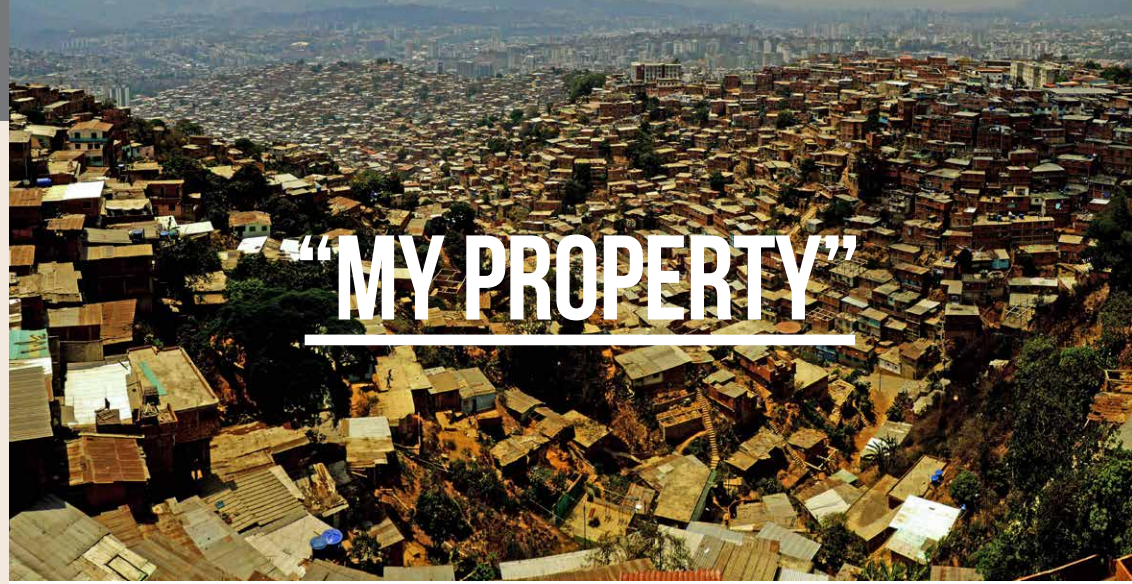


TOTAL LAND AREA
164 KM²

POPULATION SIZE
1,000,000

POPULATION DENSITY
6,097 PER KM²

CONTACT/ www.alcaldiamunicipiosucre.gob.ve

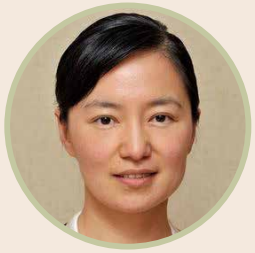


"MY PROPERTY"

The land problem in Latin America is still far from being solved. In the rural or suburban areas of Venezuela, there are thousands of citizens without land, unemployed, and have no opportunities for advancement. There are also conflicts over land ownership and land invasions, as well as the problems of environmental deterioration, acute poverty, and the destruction of natural resources. Consequently, agricultural production and land possession have stalled. As such, several countries in Latin America are seeking to clarify the property rights of their citizens.

Sucre Municipality faces a similar problem. Many families in Sucre have already been using and occupying land in the municipality, but lack a formal document that establishes their legal possession of the property.

As such, the local government of Sucre Municipality has been making efforts to increase legal land ownership. The main goal is to give property titles to those owners who have already been using the land. With help from the private sector, improvements in this area have been made, but not enough to cover the huge demand and the large amounts of land in the municipality that are disproportionately occupied. Currently, 1,000 property titles have been given away.



SUZHOU CITY

people's republic of china

MS SHENG LEI
Vice Mayor of Suzhou City, People's Republic of China

Sheng Lei is the current Vice Mayor of Suzhou City, Jiangsu Province, China. She was appointed Vice Mayor in 2012. Previously, Ms Sheng Lei had held positions as the Vice Mayor of Jinchang District in Suzhou from 2001 to 2002, Vice Mayor of Taichang District in Suzhou from 2002 to 2006, Vice Mayor of Taichang Municipal Committee in Suzhou from 2006 to 2009, and Deputy Secretary of Jinchang District from 2009 to 2012. Ms Sheng Lei graduated from the Department of Chinese language and literature at Suzhou University with a degree in professional education. As Vice Mayor of Suzhou, Ms Sheng Lei aims for Suzhou to maintain its unique cultural traditions, strengthen investments and growth in the city, and engage with the world.

ABOUT THE CITY



TOTAL LAND AREA
8,848 KM²

POPULATION SIZE
10,590,000

POPULATION DENSITY
1,196 PER KM²

CONTACT/www.suzhou.gov.cn



PINGJIANG HISTORIC DISTRICT

Located in the north-eastern corner within Suzhou's old town, Pingjiang Historic District is famous for its traditional dual chessboard spatial pattern delicately formed by intertwining water and road networks. Such connections include a river channel that is 3.5km in length and 13 ancient bridges.

Given the district's unique socio-historic heritage and architectural value, the municipal government of Suzhou initiated the Pingjiang Historic District Feature Protection and Environment Restoration Project in 2002 to protect the city's true historical relics and improve the quality of life for its residents.

Following the 1996 Conservation Planning of Historical and Cultural City of Suzhou, the municipal government led the effort in formulating a series of plans and regulations including the Pingjiang Historic District Feature Protection and Environment Restoration Plan, the Pingjiang Road Streetscape Protection and Restoration Plan. The Pingjiang Historic District Company was set up to implement the project. Through a series of key measures, such as heritage protection, remodelling sanitation facilities, river dredging, green replanting and so on, the district's traditional architecture is repaired, the district's level of services is enhanced, the living conditions are improved, and experienced a boom in cultural tourism.

This project showcases Suzhou's effort in historical, cultural preservation and revival. It has received extraordinary praises for its success in preserving historic features and maintaining the social network with an innovative approach. The project has an important impact and an exemplary value for historical and cultural protection and rehabilitation work in China, and the world.



SUZHOU INDUSTRIAL PARK

people's republic of china

MR QIN XIAOJING
Vice Chairman of Suzhou Industrial Park Administrative Committee, People's Republic of China

Mr Qin Xiaojing, who began to participate in the development and construction of the Suzhou Industrial Park from 1994, served as the General Manager of the engineering development department of the development company, the director of the Executive Centre, the director of the Planning and Construction Bureau and the director of Environmental Protection Bureau. At the same time, he is the Vice Chairman of Suzhou Industrial Park Administrative Committee.

He's be responsible for the long-term urban planning and construction management of SIP, including the organisation and implementation of public works and roads, bridges, landscaping, water, sewage, gas, electricity, telecommunications and other infrastructures. He also oversees environmental protection, land development, and property management.

After 21 years of development, Suzhou Industrial Park has become one of China's most competitive zones and a modern town. SIP takes the lead in China's development zones in terms of economic and ecological indicators.

ABOUT THE CITY



TOTAL LAND AREA
278 KM²

POPULATION SIZE
1,030,000

POPULATION DENSITY
3,705 PER KM²

CONTACT/www.sipac.gov.cn



DEVELOPMENT OF THE CENTRAL BUSINESS DISTRICT

In order to better protect the ancient city of Suzhou which has over 2,500 years of history, and be open-minded in adapting to the global modern business environment, the Suzhou Municipal Government had given approval to build the Central Business District (CBD) surrounding the Jinji lake in Suzhou Industrial Park (SIP) which is located 3 kilometres east to downtown of Suzhou.

The CBD covers an area of 5.6 square kilometres with a planned construction area of 12,380,000 square metres. After 21 years of development and construction, the SIP CBD not only retains the original lake ecosystems of Jinji Lake, but also inherits the historical and cultural essence of the ancient city.

Complemented by the light rail system and other modes of public transportation, the CBD area has not only become the business and economic centre of Suzhou, but also the preferred recreational venue for local residents and tourists, and it is the most liveable area of Suzhou.



TACLOBAN CITY

republic of the philippines

MR ALFRED S. ROMAULDEZ
City Mayor of Tacloban, Republic of the Philippines

Alfred Sison Romualdez was born in San Juan, Manila. He is married to Tacloban City Councilor Cristina Gonzalez Romualdez and they have two daughters. The Romualdezes are natives of Leyte, and call both Tolosa and Tacloban their hometown.

Mayor Alfred, as he is fondly known, began his political career as Congressman of the First District of Leyte from 1998 to 2001. He ran for his first term as Tacloban City Mayor in May 2007, and has been the city mayor since then. He is on his third and last term.

In 2008, Mayor Alfred vigorously campaigned for the conversion of the City of Tacloban from a component city of the Province of Leyte to an independent highly-urbanised city. The campaign was successful, having been ratified unanimously by the people of Tacloban. On December 2008, the City of Tacloban became a highly-urbanised city which paved the way for the city charting its own course and progress as the country's fastest growing city, before Typhoon Haiyan struck.

ABOUT THE CITY



TOTAL LAND AREA
202 KM²

POPULATION SIZE
221,174

POPULATION DENSITY
1,095 PER KM²

CONTACT/ www.tacloban.gov.ph

REHABILITATING HOUSING IN TACLOBAN

Typhoon Yolanda, also known as Typhoon Haiyan, struck the Philippines in November 2013. Tacloban was the worst hit in the disaster, with most of its buildings suffering some damage. Many citizens in Tacloban lost their homes, making housing a priority in Tacloban's recovery and rehabilitation.

The national government has provided housing aid for families whose houses were damaged and the City Social Welfare and Development Office has given the assurance that all families in Tacloban will receive their share of the emergency shelter assistance (ESA) in 2015. ESA is a grant which may be released in cash or in the form of construction materials, dependent on the situation favourable to the beneficiaries and the timelines set for the project implementation. To date, about 22,000 families have received their cash assistance.

In addition, about 6,556 houses and community facilities have been pledged by private donors for the City's 'Yolanda' survivors, and the beneficiaries of the proposed housing project will be displaced families from coastal areas of the City.

The following donors have pledged permanent housing projects: Philippine Red Cross – 5,000 houses and community facilities at Barangay New Kawayan; GMA Foundation 40o units at Barangay Sto. Niño; Habitat for Humanity – 852 houses and community facilities at Barangay Old Kawayan; SOS Children's Villages Tacloban, Inc. – 254 houses and community facilities – Palanog 2; Zonta 20-25 houses and community facilities – Tacloban North and Kimse Yokmu – 30 houses and community facilities at Tacloban North. However, the total units is still short for the 20, 000 families that need relocation, and the City Government still needs more temporary shelters for evacuees.



CITY OF TAGUIG

republic of the philippines

HONOURABLE MARIA LAARNI L. CAYETANO
Mayor of Taguig City, Republic of the Philippines

Ma. Laarni "Lani" Lopez Cayetano is currently the first female and youngest Mayor of City of Taguig. She was also the first female Congressional Representative of the first district of Taguig-Pateros.

She was 22 when she established the Progressive Ladies League of the Philippines (PLLP), an organisation that promotes women's rights, livelihood, anti-violence against women. She has a Bachelor of Arts in Mass Communication from Centro Escolar University and earned the United Nations Associations of the Philippines Youth Leadership Award in Politics and Governance. Under her leadership, Taguig is becoming one of the fastest-growing cities attracting investors and residents alike with its business-friendly and family-oriented policies.

As Mayor and wife to Senate Majority Floor Leader Sen. Alan Peter S. Cayetano, she is using her youth, dynamism and talents to glorify God by diligently and unselfishly serving the people.

ABOUT THE CITY



TOTAL LAND AREA
42 KM²

POPULATION SIZE
644,473

POPULATION DENSITY
15,344 PER KM²

CONTACT/www.taguig.gov.ph



TCISS: A HOLISTIC APPROACH TO SUSTAINABLE AND INCLUSIVE GROWTH AND DEVELOPMENT

The City Government of Taguig, as part of its commitment to improve the overall quality of life of its constituents, has embarked on the utilisation of an empirical and evidence-based planning and management tool called the Taguig City Integrated Survey System (TCISS). This is aimed primarily at establishing a baseline of all its constituents particularly those who are deemed most vulnerable and in need of services but have no access. Under this system, enumerators conduct house-to-house surveys to gather data on population, household, specific needs in the areas of health, sanitation, livelihood, education, public safety and the like. The information collected is then processed, integrated and translated into actual programmes and interventions that are responsive and focused on the people's expressed requirements. This, essentially, has done away with guesses and estimates, and ensured that the city's resources are put to good use.

The TCISS enabled the city to achieve social equity while raising the city government's accountability rating. It has made social services not only accessible but equitable, politically-neutral and expansive. Objectively identified and prioritised, constituents receive services such as wheelchairs, crutches, maintenance medicines for hypertension, asthma and diabetes, blood typing, late-birth registration, job matching, skills trainings and scholarships, free from political and personal manipulation and bias.

The TCISS has also empowered the people to better communicate their needs, as well as their levels of satisfaction with the programmes and services being delivered to them. All these resulted in enhancements in service delivery, and a growing positive attitude towards government.



TANGERANG CITY

republic of indonesia

ARIEF RACHADIONO WISMANSYAH BSC, MKES
Mayor of Tangerang City, Republic of Indonesia

Mayor Arief Wismansyah is one of the youngest mayors in Indonesia. The former healthcare enterpreneur was elected as Deputy Mayor at the age of 31 in 2008, the youngest in Indonesia at that time.

Tangerang city, located 25km west of Jakarta, is home to Indonesia's largest international airport Soekarno-Hatta. The city has acquired many prizes, including ADIPURA, which is considered the most prestigious award in green sustainability and best financial management administration system, for seven consecutive years. With a GDP per capita of USD 4,460, which is significantly higher than the national average, the city also has one of the lowest crime rates among metropolitan cities in Indonesia with 2.56% out of 10,000 people. These factors, along with its economic stability, have made Tangerang city one of the nation's most popular destinations for business investment and residency.

Mayor Arief Wismansyah aims to provide a high quality life for people to enjoy in Tangerang. As part of the efforts to realise his vision, he has launched a campaign called "TANGERANG LIVE (Liveable, Investable, Visitable, E-City) CITY".

ABOUT THE CITY



TOTAL LAND AREA
184 KM²

POPULATION SIZE
1,900,000

POPULATION DENSITY
10,326 PER KM²

CONTACT/www.tangerangkota.go.id



REVITALISATION OF KOTA LAMA (OLD TOWN)

Focusing on the vision of Tangerang LIVE (Liveable city, Investable city, Visitable city, E-city), several development programmes related to the tourism sector have been carried out. Some heritage objects or areas that may support the vision of the Visitable City are revitalised.

A noticeable heritage area in Tangerang is Kota Lama (Old Town) which has been in existence since the early 1900s. Some historical buildings located in the area bring about the Chinese image which is more popularly called pecinan (Chinatown). What makes Kota Lama more attractive is the fact that there are assimilation of Buddhist and Moslem, shown by the existence of an old mosque and a Buddhist temple. The government has been tackling all hindering issues by carrying out positive corrective actions rather than conceding any problems that emerged. Having kept its cultural heritage with such fruitful diversity, the government has initiated the revitalisation of Kota Lama.

The government of Tangerang City has been trying to enhance developments by imposing some priority programmes to the Kota Lama. The revitalisation has started for years and has resulted in some beneficial impacts for its citizens. Besides implementing physical developments and maintenances for the infrastructure in the area, there also some projects which involve community participation.

However, the aim of the revitalisation programme of Kota Lama is not only to re-create the facade of the city for a section of the society or tourism, but to re-manage the identity of the city, supporting various and surrounding living aspects and economic growth.



TBILISI

georgia

DR DAVIT NARMANIA
Mayor of Tbilisi, Georgia

Dr. Davit Narmania has a PhD in Economics, and has worked as a professor at Georgia Institute of Public Affairs (GIPA). He has also been a professor at Tbilisi State University (TSU) from 2006. Dr. Narmania worked as an expert for international organisations, including the World Bank, USAID and GIZ.

In 2012-2014, Dr. Narmania served as the Minister of Regional Development and Infrastructure of Georgia, but stood down to run in mayoral elections in Tbilisi. He assumed the position of Mayor in August 2014. Dr. Narmania has held a number of positions, including that of Senior Specialist, Secretary of the Advisory Council at the Ministry of Finance and Tax Revenues; Tax and Budget Program Coordinator at Social Development Institute; Deputy Chairman of the Board at the Association of Young Economists of Georgia; General Director of Business Consulting Group; and Executive Director of Caucasian Institute for Economic and Social Research (CIESR).

ABOUT THE CITY



TOTAL LAND AREA
350 KM²

POPULATION SIZE
1,175,200

POPULATION DENSITY
3,358 PER KM²

CONTACT/ www.tbilisi.gov.ge



MAKING TBILISI A GREENER CITY

Tbilisi aims to head towards the vision of 'Morgenstadt' - which means innovative, flexible, habitable and sustainable city systems. As such, Tbilisi is increasing its efforts to increase the city's sustainability and environment. Notably, Tbilisi has set out to use modern, energy efficient outdoor lighting more extensively, which will save about 70 per cent of the city's energy. There will be 100,000 lamps in the city that will be replaced by light-emitting diode (LED) products, and this will help to reduce the city's electricity costs.

Energy efficiency is also set to improve in terms of its public transport, as Central Tbilisi will be getting new generation compressed natural gas (CNG) powered buses for some of its bus routes. Also, in 2015, the Tbilisi City Hall will be receiving 500 million yen from the Japanese government to purchase experimental eco-friendly transport. It paves the way for Tbilisi to adopt more sustainable transport technologies, and will help to improve Tbilisi's environment by lowering fuel use and exhaust emissions. The city municipality also aims to plant up to 1 million trees in the city to improve the city's environment to increase the green space in the city and aid in regulating carbon dioxide levels in the air.

With such efforts, Tbilisi is moving closer and closer towards its vision of becoming a sustainable and green city.



TIMIȘOARA
romania

MR NICOLAE ROBU
Mayor of Timișoara, Romania

Mr Nicolae Robu is a University Professor, PhD, who graduated from "Politehnica" University of Timișoara as an engineer in Automation and Computers. Before being Mayor, Mr Robu had several high academic functions at "Politehnica" University of Timișoara: from 1990 to 2004 he was four times Vice Rector, from 2004 to 2012 he was two times Rector and in 2012 he was elected President of the University's Senate. Mr. Robu is an honorary member of the Academy of the Romanian Scientists and the American Romanian Academy of Arts and Sciences and Doctor Honoris Causa in France and Romania.

In July 2008 Mr Robu decided to enter into politics. From 2008 to 2012, he was Senator in the Romanian Senate representing the National Liberal Party and Secretary of the Committee for Education, Research, Youth and Sports of the Senate. In June 2012, Mr Robu was elected Mayor of the Municipality of Timișoara.

ABOUT THE CITY



TOTAL LAND AREA
130 KM²

POPULATION SIZE
319,279

POPULATION DENSITY
2,456 PER KM²

CONTACT/www.primariatm.ro



TIMIȘOARA – AN INTEGRATED LONG-TERM DEVELOPMENT PLAN

An Integrated Development Plan for the period of 2010–2020 was developed for Timișoara and its surrounding area. The priority of this strategic plan is to strengthen the profile of the city as a dynamic and innovative economic centre, competitive within Europe, in a balanced multicultural and environmental context, in order to increase the citizens' quality of life and to support sustainable development. To achieve the objectives of the plan, the municipality launched several ambitious projects.

The vision of the development of Timișoara is orientated towards knowledge and performance, hence the municipality's administration had worked on a development concept for inventions and innovation in collaboration with several universities from Timișoara.

In 2012, the Municipality of Timișoara has officially launched its candidacy for the title of European Capital of Culture in 2021. In order to support the candidacy for this prestigious title, the municipality is preparing a rich cultural agenda annually. For this same purpose, many projects to modernize the city's infrastructure were initiated. Presently in the city there are around 100 areas being worked on. Two of the main projects are: the rehabilitation of the historical city centre and the revitalisation of "Bega Chanel" banks. Both of these have an important impact on culture, tourism and economy.

Also in 2012, in order to attract investments and create new jobs, the local authorities of Timișoara approved the de minimis aid scheme which guarantees fiscal facilities to companies. At the same time, Timișoara has joined several European and national initiatives to fight climate change effects.



TURIN

italy

MR STEFANO LO RUSSO
Deputy Mayor of Turin, Italy

Stefano Lo Russo, Ph.D., was born in Torino (Italy) on 15 October 1975. He graduated in Geological Sciences in 1999 and obtained a Ph.D. in Environmental Engineering from Politecnico di Torino in 2004.

Mr Lo Russo is currently Deputy Mayor for urban and strategic planning, private real estate development, and policy coordination on the urban renewal projects of the City of Turin. He is also Associate Professor in Hydrogeology and Engineering geology at the Politecnico di Torino — Department of Environment, Land and Infrastructure Engineering.

ABOUT THE CITY



TOTAL LAND AREA
130 KM²

POPULATION SIZE
910,000

POPULATION DENSITY
7,000 PER KM²

CONTACT/www.comune.torino.it



THE LINGOTTO FACTORY

The Fiat automobile factory was built between 1915 and 1930. It represents an important part of the urban transformation of Turin of the XXth century. Le Corbusier celebrated the factory as a modern architecture icon in 'Vers une architecture', so the Lingotto is primarily a symbol of the dismissed industrial areas of Turin and of their conversion to other uses. In 1983, a year after the ending of production and with the commitment of the project to Renzo Piano, the industrial structure was transformed into a multipurpose centre, spread over 246,000 m^2.

The visual identity of the existing building is preserved almost intact. In the main building of the five-storey plant are the auditorium and the convention centre, a hotel, a tropical garden, a multiplex cinema, a shopping arcade and the offices of the old Lingotto. At the north end, restored in 2002, the ramp gives access to the commercial gallery, the odontostomatology Clinic of the University of Turin and the Center of Automotive Engineering of Politecnico of Turin. The Officina di Smistamento, the oldest part of the Lingotto building (built in 1916), located to the south, has been turned into a fair space. The test track for cars is on the top floor, while on one of the three wings is the "bubble" — a 40 m meeting room built in 1994, and the Heliport. 2002 saw the completion of the "Treasure Chest", which contains the Pinacoteca Giovanni e Marella Agnelli. The Fabbricato Uffici, dating back to 1921–1922, in front of the factory on the eastern side, was restored in 1998 by Gabetti & Isola into the Headquarters of Fiat Chrysler Automobiles.



WOOLLAHRA

commonwealth of australia

MS TONI ZELTZER
Mayor of Woollahra, Commonwealth of Australia

Toni Zeltzer has served Woollahra for 7 years as Councillor and has been Mayor for the past 2 years. As an elected representative of the Double Bay ward, she has ardently supported urban revitalisation and renewal. She opened phase one of the Kiaora Lands development project, a public/private partnership between Woollahra Council and Woolworths, in June 2014 and is due to open the second phase in September 2015.

An abiding interest in sustainable city form and in urban design that confers a sense of identity and leads to a strong sense of community informs Toni's decisions on the Council, particularly in regard to the built environment. She is also currently an executive member of the Sydney Metropolitan Mayors. Toni represented the combined municipalities of Woollahra, Waverley and Randwick in the synthesis of the Sustainable Sydney Metropolitan Strategy 2030, "City of Cities Plan", and contributed to Woollahra Council's Social Plan addressing social amenity in the community.

ABOUT THE CITY



TOTAL LAND AREA
12.3 KM²

POPULATION SIZE
58,619

POPULATION DENSITY
4,765 PER KM²

CONTACT/ www.woollahra.nsw.gov.au



KIAORA PLACE

This project demonstrates how a local government authority can leverage the value of an old car park in an important local commercial centre through a carefully planned and executed joint venture that not only stimulates economic development but also results in significant increases in asset values and provide long term financial benefits to the community.

Located in Sydney's Double Bay commercial centre, Woollahra Council owned a car parking area of about 5,679m^2 south of the centre. By combining this land with road closures and land of a similar area owned by one of Australia's largest retailers, Woolworths, a combined site of about 14,000m^2 presented the opportunity for the two parties to collaborate on a fully master-planned development. Over a period of several years, Woolworths and Woollahra Council worked together to achieve a mutually beneficial outcome.

Through an extensive community consultation process, the site was rezoned and a detailed Development Control Plan was adopted to guide the design of the new mixed retail, commercial and community use development. The completed development will comprise a new supermarket of about 5000m^2, 2 'mini-major' stores, up to 26 speciality shops, a childcare centre, a public library, a public plaza, as well as an arcade linking the development to the existing commercial centre, and car parking on two levels.

Since the opening of phase one of the Kiaora Place project, Double Bay has seen significant increases in foot traffic, a significant decrease in vacancy rates and, combined with other projects, a significant improvement in trading conditions. Double Bay is well on the way to achieving its new vision as Sydney's stylish bayside village.



XI'AN

people's republic of china

MR NIE ZHONGQIU
Vice Mayor of Xi'an, People's Republic of China

Mr Nie Zhongqiu is the current Vice-Mayor of Xi'an. Mr Nie was the Secretary of Chang'an District Committee of the Communist Party of China from January 2013 to February 2015, and the Secretary of Baqiao District Committee of the Communist Party of China from July 2010 to January 2013. Previously, he was also the Head of Baqiao District of Xi'an from December 2002 to May 2004, and again from March 2007 to July 2007.

From May 2004 to March 2007, Mr Nie was the Vice Director of Xi'an Economic and Technological Development Zone. Prior to that, he was the General Engineer and Vice Head of the Planning and Construction Bureau of the Xi'an Economic and Technological Development Zone, which he joined as a staff in 1995. Mr Nie graduated from the General Layout Design and Transportation Department of Xi'an Metallurgy and Architecture College.

ABOUT THE CITY



TOTAL LAND AREA
10,108 KM²

POPULATION SIZE
8,627,500

POPULATION DENSITY
854 PER KM²

CONTACT/ www.xa.gov.cn



COUNTERING TRAFFIC CONGESTION IN XI'AN

As the vehicle population of Xi'an increases along with the growing city population, traffic congestion has become of great concern. In 2012, Xi'an Municipal People's Government formulated the Three-Year Action Plan for Alleviating City Traffic Congestion. The plan has five key areas of development:

Rethinking traffic development: Instead of using restrictive measures such as restricting car purchases, traffic planning and management was prioritised in order to integrate city land use, road construction and public transportation. The construction intensity of sensitive traffic areas was also strictly controlled.

Improving traffic infrastructure: The capacity of the urban road network has been continuously enhanced to cope with increased traffic load. Roads, bus bays, intersections, pedestrian overpasses and underpasses around the city were improved.

Improving public transport: 17 new bus stations and 2,259 new bus parking stations were added, and 242km of exclusive bus lanes were established. The quality of regular bus services was also improved, and the subway lines in full operation account for more than 16.5% of daily passengers on public transport.

Managing comprehensively and precisely: The "grid" management of the police and motorised patrol system was established. Traffic during peak hours was controlled. Parking fees were standardised and more parking spaces were built, improving the parking situation.

Changing traffic and civilian behaviour: Green travel habits, rational purchase and use of vehicles, traffic safety awareness and adherence to traffic laws were encouraged. A public bicycle service was set up to encourage the use of alternative transport, with over 30,000 public bicycles put into operation to achieve full coverage in the main city zone.

The Three-Year Action Plan has successfully reduced traffic congestion, and also opened a new chapter for transportation development in Xi'an.



XIXIAN NEW AREA

people's republic of china

MR WANG JUN
Executive Deputy Director of the Administrative Committee of Xixian New Area, Shaanxi Province, People's Republic of China

Mr Wang has extensive experience in the administration of local government and urban construction. He formed the business model of regional ecological management and led the construction of Xi'an Chan-Ba Ecological District, which was the first national ecological district in Northwest China. As the trader for the International Horticultural Exposition in 2011, Mr Wang made important contributions to the planning, bidding, construction and the organisation of the Xi'an International Horticultural Expo. As the person in charge of China's seventh State-level new area, he is leading Xixian New Area to explore a new path of urbanisation with Chinese characteristics, and to build a modern garden city in China. As a consequence of its rapid growth, Xixian New Area has become the new engine of Shaanxi province's economic development and the experimental zone for the development of an innovative city.

Mr Wang has published a series of articles in the field of China's urbanisation patterns, ecological management, development of science and technology industrial parks, and brand building around a unique culture, which has an important influence in China and abroad.

ABOUT THE CITY



TOTAL LAND AREA
882 KM²

POPULATION SIZE
940,000

POPULATION DENSITY
1,065 PER KM²

CONTACT/ www.xixianxinqu.gov.cn



CHINA'S WESTERN TECHNOLOGICAL INNOVATION HARBOUR-SMART TOWN

Located in the southwest corner of Xixian new area with an area of about 4,370 acres, China's Western Technological Innovation Harbour will be jointly built by Xi'an Jiaotong University and Xixian new area. It is the key project of the Shaanxi Provincial Government, in line with the Central Government's innovation-driven strategy. It focuses on the nation's needs in energy and power, information technology, and environmental protection. By building a complete innovative ecosystem of national scientific research, high-tech achievements, high-end talent cultivation, high-tech business incubation, financial investment, intermediary services etc., the harbour will become the heart for the development and transfer of Shaanxi's innovative technologies, the scientific innovation centre in the Silk Road Economic Belt.

The integration of campuses, parks and communities, and the systematic integration of green, low-carbon, ecological and smart technologies will be the role model for innovative urban developments. The harbour will fully implement the standard planning, construction and operation of "Green Ecological Urban Areas" by the Ministry of Housing and Urban-rural Development. In order to introduce advanced urban construction concepts, the Administrative Committee of Xixian New Area and Xi'an Jiaotong University have conducted the International Masters Invitation Contest for the conceptual design of the China Western Technological Innovation Harbour. Eight teams from China, US, Germany, Britain, Italy and Singapore have submitted high-level programmes. Aimed at strengthening the life cycle management of building design, construction and operation, the Building Information Modeling (BIM) technology is required to be adopted in the planning and design phrase, which establishes a solid foundation for a green city. The harbour is promoting the development and construction of a low-carbon eco-city in Xixian New Area.



YOKOHAMA

japan

MS FUMIKO HAYASHI
Mayor of the City of Yokohama, Japan

Mayor Fumiko Hayashi was born in Tokyo and studied in the Tokyo Metropolitan Aoyama High School in 1965. Upon graduation, she worked in Toyo Rayon, Co., Ltd. (currently: Toray Industries, Inc.), Matsushita Electric Industrial, Co., Ltd. (currently: Panasonic Corporation), and then Honda Cars Yokohama. In 1987, she joined BMW Tokyo, Corp. and became the President in 2003. She went on to The Daiei, Inc. and then Nissan where she became President of Tokyo Nissan Auto Sales Co., Ltd, in 2008.

Mayor Fumiko Hayashi started her first term as mayor of Yokohama in August 2009 and is now serving her second term which started in August 2013.

ABOUT THE CITY



TOTAL LAND AREA
435 KM²

POPULATION SIZE
3,718,913

POPULATION DENSITY
8,549 PER KM²

CONTACT/www.city.yokohama.jp



DEVELOPING A SUSTAINABLE AND HIGHLY COMPETITIVE CITY

Although the city of Yokohama boasts the second largest population in Japan, it is a relatively young city with a history of just over 150 years. Over the past 40 years, the city has been addressing various urban issues through the concerted efforts of its citizens and various companies. These efforts include the Minato Mirai 21, or Future Port 21 Project, which relocated a shipyard and created a new waterfront area for the public, as well as the G30 Project which, in only three years, helped to reduce the city's waste generation by 30%, or 1.6 million tons. These efforts have been highly acclaimed, and the city received Special Mention by the Lee Kuan Yew World City Prize at the World Cities Summit 2014.

The city is currently promoting the Yokohama Smart City Project (YSCP), a project which aims to establish a Japanese style smart grid for the city, and also aims to develop efforts overseas. In cooperation with various private companies specializing in the area of smart cities, the city is working on a number of other projects as well, including the introduction of renewable energy, energy management for households, buildings and communities, and next generation transport systems.

The city has accumulated a wealth of knowledge and technologies from resolving various urban issues, and looks forward to the exchange and sharing with other cities. Yokohama is committed to the resolution of global issues such as global warming and the social empowerment of women, even as it maintains its focus on developing a sustainable and highly competitive city.

FRINGE EVENTS

SOCIAL INCLUSION IN LATIN AMERICAN – PUBLIC POLICIES AND URBAN INTERVENTION BEST PRACTICES

10 JUNE 2015 / 6–9 PM
The New School
Wollman Hall, Room B500
Eugene Lang Building, 65 West 11th Street, New York

Latin America is one of the regions in the world where inequality has decreased and social inclusion has increased over the past decade. The knowledge that the cities in this region have accumulated through public policy and practical urban interventions is valuable, from which other cities could benefit. With this in mind, CAF–Development Bank of Latin America has developed a study on public policies and practical urban interventions in notable Latin American cities. The study comprised 4-5 concrete examples per city. We believe that this study will provide significant contributions to other cities around the world as proven local best practices that have had a direct impact on the inclusion of citizens, as a tool to reduce inequalities. In the context of the World Cities Summit Mayors Forum in New York City, CAF is hosting this event where Latin American mayors will share their case studies and experiences, providing an opportunity to engage the audience in conversations. The event aims to initiate an interactive discussion and widely socialize Latin American best practices amongst the participating mayors, academia, experts and other interested parties.

Moderator	:	Jose Carrera, Vice-President for Social Development, CAF
Participants	:	Anibal Gaviria, Mayor of Medellin, Colombia Roberto Claudio, Prefect of Fortaleza, Brazil Jaime Nebot, Mayor of Guayaquil, Ecuador José Blandón, Mayor of Panama, Panama

(Simultaneous interpretation will be provided for English and Spanish)

Organised by	:	CAF–Development Bank of Latin America
Partners	:	The Municipal Arts Society of New York Penn Institute for Urban Research, University of Pennsylvania Observatory on Latin America, The New School Milano School of International Affairs, Management and Urban Policy, The New School

This event is open to the general public. For enquiries, please contact Hely Olivares holivares@caf.com

**Accurate as of 8 May 2015*

FRINGE EVENTS

VISIT NEW YORK CITY

What makes New York City such an exciting destination? Its five boroughs: the Bronx, Brooklyn, Manhattan, Queens and Staten Island. Each one comprises diverse neighbourhoods with enough attractions—and enough personalities—to be a city all its own. These neighbourhoods, infused with people and cultures from around the world, feature numerous events and activities year-round, and NYC's 24-hour public transportation helps connect all these places and people. New York is also a great walking city, so wear comfortable shoes before stepping out. Here are a few neighbourhoods where you can sample the wonderful infectious energy that makes NYC an amazing city unlike any other.



Photo Credit: Joe Buglewicz / NYC & Company

THE BRONX

Rich in history, culture and open green space, the Bronx is where hip-hop was born, where the Yankees became a dynasty and where you can find one of America's leading zoos and botanical gardens. To learn about the borough's history, take a tour with the Bronx County Historical Society. The Arthur Avenue Walking Tour will have you eating top-notch Italian cuisine in restaurants such as Roberto's of Belmont, the borough's Little Italy. Italian immigrants first settled around Arthur Avenue in the 19th century and helped build the Bronx Zoo and the City's elevated train system, which ran between the Bronx and downtown Manhattan. Inside the stores that line Arthur Avenue and East 187th Street, colourful pastries (Madonia Brothers), cheeses (Casa Della Mozzarella) and cured meats (Peter's Meat Market) are rivaled in appeal only by the characters behind the counter. Find fresh seafood at Cosenza's, where hungry shoppers wait in line at an outdoor raw bar to slurp briny oysters and fresh clams in the open air. Make a trip to the South Bronx's Grand Concourse, where you can visit the Bronx Museum of the Arts, view art deco architecture and take a spin through hip-hop history with Hush Hip Hop Tours. Cap off your day at Yankee Stadium and cheer on the Bronx Bombers, who have garnered 27 World Series Championships.



Credit: Alex Lopez / NYC & Company

BROOKLYN

NYC's most populous borough is best experienced in person. Start with a walk across the historic Brooklyn Bridge or the Manhattan Bridge, either of which brings you into DUMBO (Down Under the Manhattan Bridge Overpass). With its spectacular waterfront access, thriving art scene and an architectural grandeur that's at once raw and charming, DUMBO has become one of Brooklyn's most buzzworthy neighbourhoods. Less than two decades ago, the former manufacturing district was largely deserted, inhabited by a few artists. Today the area is awash with art studios, technology companies and luxury residences, as well as stellar bakeries, independent bookstores and designer boutiques. Nearby is the new waterfront

FRINGE EVENTS

Brooklyn Bridge Park, located under the Brooklyn Bridge. It's the site of special events such as free outdoor Movies With a View, kayaking, rowing and fitness classes. The park is accessible via several MTA subways, Citi Bike—NYC's shared-bike program—and the East River Ferry, which departs from Pier 11 in Lower Manhattan and takes just five minutes. The borough's largest park, Prospect Park, is also easily accessible by subway and offers a zoo, lake, summer concerts at the Bandshell and scenic hiking trails. The adjacent Park Slope neighbourhood offers many dining, shopping and bar options along Seventh Avenue and Fifth Avenue, as well as a historic district with beautiful brownstone residences.



Photo Credit: Marley White / NYC & Company

MANHATTAN

There's always something new and exciting to experience in Manhattan. And because this is the smallest of NYC's boroughs, everything is within easy reach – see star-studded theatre, dine at world-class restaurants, shop haute couture or bargains and tour famous landmarks. But Manhattan isn't just the city that never sleeps. It's also the city that never stops changing, from Lower Manhattan, with its all-new One World Observatory and shopping centres, on up to Harlem, which has long been synonymous with African-American culture. In the early 20th century, it was the setting for African-American-led movements in music, literature, dance and art—collectively known as the Harlem Renaissance—that featured innovators like Bessie Smith, Langston Hughes and Josephine Baker. In the mid 20th century, Harlem was a major seat of the civil rights movement, with dynamic leaders such as Malcolm X, Adam Clayton Powell Jr. and Martin Luther King Jr. Today, buoyed by an influx of former downtowners, Harlem is undergoing another evolution with new high-end shops, restaurants, entertainment and lounges. You'll find modernity popping up among the area's historic churches, elegant row houses and tiny home-cooking joints. Take advantage of activities that reflect the neighbourhood's vibrancy, energy and diversity at venues such as the Schomburg Center for Research in Black Culture, El Museo del Barrio, The Hispanic Society of America at Audubon Terrace, The Studio Museum in Harlem , the Museum of the City of New York, the Apollo Theater and Harlem Stage as well as restaurants and lounges like Red Rooster, Minton's, The Cecil and La Fonda.



Photo Credit: Laura Miller / NYC & Company

QUEENS

It's frequently said that Queens is the most culturally diverse borough of NYC, with a population representing India, Korea, Lebanon, Brazil, Greece, Latin America and more. You can experience the influences and cuisines of these many nationalities. Aside from tasting international foods, there is so much more to do: you can watch Mets baseball and the US Open tennis playoffs in Flushing Meadows Corona Park—also home to playgrounds, golf, swimming, a zoo and museums; and see

FRINGE EVENTS

abundant contemporary art in industrial Long Island City with its hip, young cafés and new waterfront park. Within a 20-minute walk is another great neighbourhood for art: Astoria. Long considered a Greek neighbourhood, Astoria is now also home to newer residents of Italian, Brazilian, Baltic, Irish and Egyptian descent. The latest set of émigrés—younger, creative types—are drawn to the neighbourhood's affordable housing, lower-cost amenities and lively social scenes like that at the Bohemian Hall & Beer Garden. Additional amenities for art lovers include the Museum of the Moving Image, the only institution in the US dedicated to the art, technology and social impact of film, television and digital media, with hundreds of screenings a year; The Noguchi Museum, celebrating the life and work of sculptor/artist Isamu Noguchi (museum has a free 2pm tour, Wed–Sun); and the nearby Socrates Sculpture Park, a four-acre outdoor museum. Curators organize several large-scale exhibitions here each year, as well as educational programs and community events like outdoor movie screenings and farmers' markets in summer.



Photo Credit: Julienne Schaer / NYC & Company

STATEN ISLAND

Getting to this borough is an attraction in itself. Begin by boarding the free Staten Island Ferry, which you can catch at the Whitehall Terminal in Lower Manhattan. Along the way, be treated to sweeping harbour vistas as well as a close-up view of the Statue of Liberty. When you arrive on the island, explore St. George, an up-and-coming artsy neighbourhood full of Victorian architecture. While St. George has all the trappings of a hot new neighbourhood—a restaurant scene, an artist community, bars, a couple of cool shops and views of Lower Manhattan—it has managed (so far) to maintain an unassuming profile. As the administrative centre of Staten Island, St. George also contains a number of important civic structures. Exiting the ferry terminal, you'll see architects Carrère and Hastings' French Renaissance–style Staten Island Borough Hall. Built in 1906, the building merits a peek inside to see the magnificent WPA murals that swathe the majestic lobby. The neoclassical Staten Island Supreme Courthouse, another NYC landmark, and St. George branch of the New York Public Library, with its timbered main reading room, are close by. You can learn about the borough's history through various exhibitions at the Staten Island Museum. A 10-minute bus ride then takes you to the Noble Maritime Collection, housing artist John A. Noble's houseboat studio, where he chronicled mid-20th-century working ships and NYC's harbour. On the same 83-acre grounds, explore Snug Harbor Cultural Center, composed of historical buildings, botanical gardens and wetlands. The venue, a Smithsonian affiliate, is also home to the Newhouse Center for Contemporary Art and the Staten Island Children's Museum.

WORLD CITIES SUMMIT YOUNG LEADERS SYMPOSIUM

The World Cities Summit Young Leaders is a select group of change-makers from diverse sectors who shape the global urban agenda at the annual World Cities Summit Young Leaders Symposium.

The WCS Young Leaders Symposium is an exclusive, by invitation, annual meeting for Young Leaders to discuss common challenges and shared solutions in urbanisation. It is a platform that harnesses the collective wisdom and experience of the Young Leaders and presents valuable networking opportunities with distinguished guests and city leaders.

The WCS Young Leaders initiative was started in 2013, and the inaugural WCS Young Leaders Symposium was held in 2014 in Singapore. It provides an avenue for discourses on urban issues, and for Young Leaders from all over the world to generate ideas and initiatives to tackle urbanisation challenges.

www.worldcitiessummit.com.sg/about-young-leaders

WHO'S WHO AT THE YOUNG LEADERS SYMPOSIUM



LEE YI SHYAN
Chair of WCS Young Leaders Selection Committee, and Senior Minister of State for Ministry of Trade and Industry and Ministry of National Development, Singapore



CHENG HSING YAO
Managing Director, Guocoland Singapore



PENNY ABEYWARDENA
Commissioner of International Affairs, New York City Mayor's Office



LIM ENG HWEE
Chief Planner, Urban Redevelopment Authority of Singapore



DR ORNA ROSENFELD
Senior Housing Expert, Forests, Land and Housing Division, UN Economic Commission for Europe



MR CARLOS OCARIZ
Mayor of Sucre, Venezuela



MICHAEL BERKOWITZ
Executive Director, 100 Resilient Cities



LUIS M.A. BETTENCOURT
Professor of Complex Systems, Santa Fe Institute



SHAISHAV DHARIA
Development Director, Lodha Group



MR VITALY KLITSCHKO
Mayor of Kyiv, Ukraine



JENNIFER R. CROZIER
Vice President, IBM, Global Citizenship Initiatives

YOUNG LEADERS

SYMPOSIUM PROGRAMME

9 JUNE 2015 / TUESDAY

07:45 – 08:30	**Breakfast Networking & Registration** @ Uris Room, Conference Level, Grand Hyatt
08:30	**Welcome Address** Lee Yi Shyan, Chair of WCS Young Leaders Selection Committee, and Senior Minister of State for Ministry of Trade and Industry and Ministry of National Development, Singapore
08:40	Introduction of Symposium and Sessions Cheng Hsing Yao, Managing Director, Guocoland Singapore P/L
08:50	**New York Keynote : New York City, the Innovative City of Opportunity** Penny Abeywardena, Commissioner of International Affairs, New York Mayor's Office *New York City is home to the largest diplomatic community the world. In her keynote speech, Commissioner Abeywardena will discuss the work that the Mayor's Office is doing to build a global platform from which New York City promotes a more just and accessible society, showcases the diversity of New Yorkers, and shares policies and best practices with other cities, both locally and globally.*
09:00	**Singapore Keynote : Singapore, the City-State – 50 Years in the Making** Lim Eng Hwee, Chief Planner, Urban Redevelopment Authority of Singapore *The modern city-state that Singapore is today owes much to the leadership and decisions of Mr Lee Kuan Yew, the first Prime Minister of Singapore. The keynote speech will shed light on how Mr Lee laid the foundation for the Garden City, housing, transportation, water and environmental infrastructure. This speech will elaborate on the fundamental importance of good urban governance and continual innovation in enabling the translation of visions into reality, thereby creating tangible improvements for the people. Cognisant of complex futures and rapid advancementin technology, the Chief Planner of Singapore will share how the city hopes to future-proof, strengthen resilience whilst progressing to be a liveable and sustainable city where possibilities are imagined and created.*
09:10	**Housing in the Global North: Current Trends, Challenges & Directions for the Future** Dr Orna Rosenfeld, Senior Housing Expert, Forests, Land and Housing Division, UN Economic Commission for Europe *Decent affordable housing is the foundation for healthy lives, strong and resilient cities, and thriving economies. This presentation shares the results of the UN study on current trends and challenges in the housing sector in 56 countries of the UNECE region (North America, European Union, Eastern Europe and Central Asia). It highlights that the lack of access to decent affordable housing is a key challenge today. Over 100 million people in the UNECE region spend more than 40 per cent of their disposable income on housing. Many UNECE countries are reassessing their housing policies and devolving housing responsibilities to cities. This presentation also highlights innovative initiatives, challenges and breakthroughs of select mayors. to share experiences and explore the opportunities and barriers to providing affordable housing, and making national policies more responsive to unique city contexts.*

*Accurate as of 8 May 2015

09:20	Speaker: Carlos Ocariz, Mayor of Sucre, Venezuela
09:30	**100 Resilient Cities — Catalyzing A Global Urban Resilience Movement** Michael Berkowitz, President, 100 Resilient Cities *The presentation will provide an overview of the 100 Resilient Cities initiative, and holistic definition of resilience to the conference attendees. Case studies of excellent practices in resilience across cities within the network will be shared.*
09:40	Interactive Roundtable Discussion by all Wrap up by Cheng Hsing Yao, Managing Director, Guocoland Singapore P/L
10:40 – 11:00	**Networking Break**
11:00	**Keynote : Do Innovative Cities of Opportunities have a Formula?** Luis M.A. Bettencourt, Professor, Santa Fe Institute *What is an innovative city? Do innovative cities have a "hack", a sort of formula? This presentation will point out the general properties of cities in terms of their creativity and economic prosperity, and emphasize the complementarities between many forms of deep knowledge and their recombination. The speaker will also discuss how "smarter cities" that use technology to create more liveable places are necessary but typically not sufficient to encourage socioeconomic innovation. He will finish with a challenge to policy-makers to create practical ways to identify and harness daily innovation in ways that accumulate the human and social capital that generates creative and prosperous cities.*
11:10	**Mumbai's Answer to the Urbanisation Challenge — a Living Example** Shaishav Dharia, Development Director, Lodha Group *'Palava' was envisaged as Mumbai's answer to the urbanisation challenge; to provide a far smarter way of living, enhancing quality of lives by creating an opportunity for people to flourish in a better urban environment. Bench-marked against the best global cities across key parameters, Palava has already developed and rolled out numerous initiatives across governance, healthcare & education, safety & security, transportation, sustainability and energy & utilities. Spread over 4,500+ acres it is the largest Greenfield private development, funded, built and governed by a single enterprise. It would be interesting to view this from the Indian context and hear the private sector's view, extrapolating best practices, and lessons learnt. The hard knocks and the successes.*
11:20	Speaker : Vitaly Klitschko, Mayor of Kyiv, Ukraine
11:30	**Smarter Cities Challenge : Focus on Citizen Engagement** Jennifer R. Crozier, Vice President, IBM, Global Citizenship Initiatives *While incorporating technology into cities, it's easy to forget that it's not just about sensors and data — it's about human beings. Forward-thinking cities are using technology to engage citizens, building a feedback loop that result in better services for all. For example, Porto Alegre, Brazil, a global leader in participatory budgeting; under the advice of its IBM Smarter Cities Challenge grant team, is now using social media to proactively solve citizens' concerns, and opening its data to help them find everything from transit routes to doctors. Crozier will discuss how the latest developments in social sentiment analysis and social media, including IBM's partnership with Twitter, can help city leaders build cities that are more responsive and inclusive than ever.*
11:40 – 12:25	Interactive Roundtable Discussion by all Wrap up by Cheng Hsing Yao, Managing Director, Guocoland Singapore P/L
12:25 – 12:30	Big Group Photo
12:30 – 14:00	**Networking Luncheon** *(including mayors and guests of WCS Mayors Forum)* @ Gallery on Lex I – II – III, Lobby Level, Grand Hyatt

*Accurate as of 8 May 2015

ABOUT WORLD CITIES SUMMIT

The biennial World Cities Summit is the exclusive and premier platform for government leaders and industry experts to address liveable and sustainable city challenges, share integrated urban solutions and forge new partnerships. The Summit is jointly organised by Singapore's Centre for Liveable Cities (CLC), and the Urban Redevelopment Authority (URA).

The unifying theme for the World Cities Summit (WCS) over the years, since its inauguration in 2008, has always been *"Liveable and Sustainable Cities"*. World Cities Summit 2016, which will be held in Singapore, will build on the discussions at WCS Mayors Forum 2015. Cities will examine the state of urban challenges today and identify principles of shared solutions applicable to cities spanning the range of development, socio-economic and political contexts. The theme aims to unify all elements of the programme and stimulate ideas and discussion.

The World Cities Summit is anchored by the following key components:

- WCS Mayors Forum
- Lee Kuan Yew World City Prize Lecture & Forum
- WCS Young Leaders Symposium
- Plenary Sessions
- Thematic Tracks
- In-Focus Forums
- Learning Journeys

Held concurrently with the World Cities Summit are two other global events — the Singapore International Water Week (SIWW) and CleanEnviro Summit Singapore (CESS). The co-location of these events provides an integrated platform for governments and industry leaders globally to network, explore synergies, and share solutions for sustainable urban development, as well as to discover and evaluate the latest innovations in water and clean environment solutions.



CENTRE for LiveableCities SINGAPORE

CENTRE FOR LIVEABLE CITIES

Set up in 2008 by Singapore's Ministry of National Development and Ministry of the Environment and Water Resources, the Centre for Liveable Cities (CLC) has as its mission "to distil, create and share knowledge on liveable and sustainable cities". CLC's work spans three main areas—Research, Capability Development and Promotion. Through these activities, CLC hopes to provide urban leaders and practitioners with the knowledge and support needed to make our cities better.

For more information, please visit: *www.clc.gov.sg*

URBAN REDEVELOPMENT AUTHORITY

URBAN REDEVELOPMENT AUTHORITY OF SINGAPORE

The Urban Redevelopment Authority (URA) is Singapore's national land use planning and conservation agency. URA's mission is "to make Singapore a great city to live, work and play". We strive to create a vibrant and sustainable city of distinction by planning and facilitating Singapore's physical development in partnership with the community.

As the main land sales agent for the State, our multifaceted engagement strategy includes the sale of State land to attract and channel private capital investment to develop sites for meeting our land use needs. As the place manager for Marina Bay, we promote exciting activities within Marina Bay in collaboration with other government agencies and private stakeholders. To create an exciting cityscape, URA also actively promotes architecture and urban design excellence.

For more information, please visit: *www.ura.gov.sg*

ACKNOWLEDGEMENTS

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Cities are brimming with opportunities. They generate 80 percent of global GDP, but they also face many challenges like congestion and pollution as urban growth continues unabated. Decades of experience and a broad-based portfolio make Siemens uniquely qualified to meet these challenges and supply the right answers.

The basis of the sustainable and livable city of tomorrow is an intelligent and automated infrastructure. Through smart applications and automated systems, we can make better use of existing infrastructure, increase efficiency, reduce operation costs, improve safety and resiliency, and reduce environmental impacts.

With our innovative products and solutions for rail-bound transportation and road traffic management, efficient building technology, security, smart grids and power distribution, we can help reap the full potential of urban infrastructure. The answers to these challenges already exist, and the time to break new ground is now. Because the world of tomorrow needs our answers today.

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URGENCY.

That is what cities around the world are experiencing as they address sustainability and urbanization challenges. Whether it's mobility, resiliency or regeneration, ARCADIS can help cities become more livable and competitive.

Together we can do a world of good.



John Batten
Global Director of Cities
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Contact us: **cities@arcadis.com**

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2016 WORLD CITIES SUMMIT

LIVEABLE & SUSTAINABLE CITIES

WORLD CITIES SUMMIT

10 – 14 JULY 2016

SANDS EXPO & CONVENTION CENTER
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The World Cities Summit is the exclusive and premier platform for government leaders and industry experts to address liveable and sustainable city challenges, share integrated urban solutions and forge new partnerships.

The 5th edition of this biennial event will be held in Singapore from 10 to 14 July 2016, in conjunction with the Singapore International Water Week and CleanEnviro Summit Singapore.

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HIGHLIGHTS

- Lee Kuan Yew World City Prize
- World Cities Summit Mayors Forum
- World Cities Summit Young Leaders Symposium
- Plenaries, thematic tracks and site visits
- Networking events

Join global leaders from the public, private and people sectors who are involved in urban planning, city developments and governance, as well as innovative water and environmental solutions.

TESTIMONIES FROM LEADERS ON THE VALUE OF WORLD CITIES SUMMIT

"A problem shared is halfway to being solved… we can see this event as a huge expo where people can freely exchange ideas and experiences…This Summit is definitely useful; it is attracting very, very significant urban leaders."

MS HELEN CLARK, Administrator
United Nations Development Programme

"This Summit is very beneficial. We can learn about other cities, the newest technology and methods, and it gives us a platform to cooperate in future because there is a lot of inspiration."

MR ZHOU NAIXIANG, Mayor, Suzhou, China
Lee Kuan Yew World City Prize Laureate 2014

For More Information
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