

# CITY PORTRAITS

WORLD CITIES SUMMIT MAYORS FORUM



**8 July 2018**

[www.worldcityssummit.com.sg](http://www.worldcityssummit.com.sg)

Sands Expo & Convention Centre  
Marina Bay Sands, Singapore

In association with:



Held in conjunction with:





## EMBRACING THE FUTURE THROUGH INNOVATION AND COLLABORATION

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# FOREWORD



## MR LAWRENCE WONG

**Minister for National Development  
and Second Minister for Finance,  
Singapore**

A very warm welcome to the 9<sup>th</sup> annual World Cities Summit (WCS) Mayors Forum in Singapore.

This year, we are joined by a record of over 120 mayors and city officials, as well as over 100 industry leaders and forerunners. The strong showing at the Mayors Forum is testament to the will of city leaders to develop real and effective solutions in building liveable cities.

This year's Mayors Forum will build on the conclusions reached at the previous Forum held in Suzhou, China. It will explore how city leaders can embrace innovations to improve our cities, attract more investments and enhance the quality of life for our people.

This is also an exciting year for Singapore as it is our turn to chair ASEAN. We have chosen Resilience and Innovation as the themes for our chairmanship, and are working with our regional counterparts to develop a network of ASEAN Smart Cities. Hence the discussions at the Forum will provide useful ideas and inputs for us to further strengthen regional collaboration.

Thank you for your support and active involvement in the WCS Mayors Forum 2018. It is only with such strong commitment to improving the quality of life and sustainability of our environment that we can continue to develop more liveable cities around the world.







# WORLD CITIES SUMMIT

The World Cities Summit is an exclusive platform for government leaders and industry experts to address liveable and sustainable city challenges, share integrated urban solutions and forge new partnerships. Over the past decade, the Summit has achieved global recognition with a credible gathering of the best minds in planning and urban development.

Themed “Liveable & Sustainable Cities: Embracing the Future through Innovation and Collaboration”, the Summit will explore how cities can be more liveable and resilient through better governance, planning, technology and social innovations, as well as collaborations with various stakeholders and other cities. Through shared vision and active engagement, the public, private and people sectors can co-create innovative and integrated urban solutions for a more sustainable future.

Participate in this biennial event to benefit from the insights shared by thought-leaders and network with government leaders and industry experts from around the world.

## KEY HIGHLIGHTS OF THE WORLD CITIES SUMMIT

- World Cities Summit Mayors Forum
- World Cities Summit Young Leaders Symposium
- Opening Address, Keynote Addresses and Opening Plenary
- Lee Kuan Yew World City Prize
- World Cities Summit Thematic Tracks
- World Cities Summit Plenary
- World Cities Summit Thematic Forums
- Singapore Government Pavilion

[www.worldcityssummit.com.sg](http://www.worldcityssummit.com.sg)

ORGANISED BY

CENTRE for  
**LiveableCities**  
SINGAPORE

 **URBAN  
REDEVELOPMENT  
AUTHORITY**

To make Singapore a great city to live, work and play

HELD IN CONJUNCTION WITH

 **Singapore  
International  
Water Week**

 **CleanEnviro  
Summit**  
Singapore

 **SITCE**  
2018



# LEE KUAN YEW WORLD CITY PRIZE



LEE KUAN YEW  
WORLD CITY ○  
PRIZE

The Lee Kuan Yew World City Prize is named after Singapore's first Prime Minister. 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 develop into a liveable city with a high quality living environment in tandem with rapid economic growth.

Inaugurated in 2010, the 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 is awarded to cities and recognises their key leaders, organisations for displaying foresight, good governance and innovation in tackling urban challenges to bring about social, economic and environmental benefits holistically for their communities.

[www.leekuaneyewworldcityprize.com.sg](http://www.leekuaneyewworldcityprize.com.sg)

## 2018 LEE KUAN YEW WORLD CITY PRIZE LAUREATE | SEOUL

Seoul is recognised as the role model for megacities with a will to change. With a leadership that dares to make bold decisions and a government that devises innovative problem-solving methods, the city has successfully turned itself around from a bureaucratic top-down city with rising tensions between the government and its people, into the inclusive, socially stable, and highly innovative city found today. As shown in Seoul's successful and impactful high quality projects to repurpose

urban infrastructure, the city has proven itself as an excellent example where leadership, commitment to citizen engagement, data-supported problem-solving decisions, and creative designs can transform the built environment, add vibrancy and improve quality of life. Read more on Seoul's transformation at [www.leekuaneyewworldcityprize.com.sg/seoul](http://www.leekuaneyewworldcityprize.com.sg/seoul)



## 2018 LEE KUAN YEW WORLD CITY PRIZE SPECIAL MENTIONS



Hamburg



Kazan



Surabaya



Tokyo

# WORLD CITIES SUMMIT MAYORS FORUM

The WCS Mayors Forum is an exclusive, by-invitation-only global platform for mayors and city leaders to discuss pressing urban challenges and share best practices. 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 to generate new insights, ideas and solutions that can be applied to many cities.



## WCS MAYORS FORUM 2017, SUZHOU, JIANGSU PROVINCE, CHINA

### EXECUTIVE SUMMARY

Innovation and collaboration took the spotlight when the World Cities Summit Mayors Forum convened for its eighth edition in Suzhou City, Jiangsu Province, China in May 2017. Having always had to work with limited resources and seemingly limitless challenges, cities need to work smarter and more closely together than ever before, for a more sustainable and resilient future. More than 60 mayors and city leaders from 54 cities at the Forum discussed four main themes on planning and governance, heritage and culture, resilient and sustainable environment, and balancing liveability with growth.

The discussions culminated with a declaration to work towards the shared vision of creating liveable, inclusive, harmonious, resilient, safe and sustainable cities through innovation and collaboration. This declaration exemplified the mayors and city leaders' commitment to practice dynamic urban governance and long-term, integrated master planning, and collaborate with stakeholders to curate their cultural assets. From ancient cities like Alexandria and Xi'an to more modern ones like Bilbao, cities are culturally-rich and can leverage on their cultural assets to benefit the economy and quality of life. Initiatives will be co-developed between city leaders and the community to improve the resilience to the shocks and stressors of cities' built, natural and social environments. Furthermore, systemic innovation and flexible adaptation will be pursued, to balance economic growth and liveability.

The Forum explored the possibilities underlying the tradeoffs arising from urban planning, preservation of culture, and balancing growth with its impact to cities. In particular, a consensus formed around the idea that a stronger sense of culture and identity could provide more confidence for cities to venture forth and to try out new ideas. More scope for advancement could also emerge from "the paradox of planning", where more planning need not restrict room for action but might instead add capacity to become more flexible and welcome even more participatory and consultative processes. As the Forum's Chairman-Singapore's Minister for National Development Lawrence Wong-said: "More planning need not hold back ground-up involvement. In fact, it can facilitate better ground-up involvement."

To treasure what is precious from the old while surging ahead with the new, cities can tap on the potential of the modern-in technology and youth. Technology applied well can help rejuvenate heritage and project culture to fresh audiences. Engaging the millennial generation of city residents is crucial in increasing their participation in and contribution towards innovation for future development.

Once more, the World Cities Summit Mayors Forum embodies the value of sharing ideas and exchanging experiences among diverse cities, affirming the importance of collaboration amongst city leaders.



# WCS MAYORS FORUM 2018

## LIVEABLE AND SUSTAINABLE CITIES: EMBRACING THE FUTURE THROUGH INNOVATION AND COLLABORATION

### SESSION 1: WHAT SHOULD MAYORS DO TO EMBRACE AND CAPITALISE ON DISRUPTIVE INNOVATIONS?

This session will discuss key governance instruments that mayors can use to transform disruptive innovations into opportunities that will help advance the development of cities. It will explore how cities can better prepare themselves to embrace innovation, adapt to new technologies, and successfully navigate disruptive business models to counter new challenges.

### SESSION 2: NO INVESTMENTS, NO CITIES – WHAT CAN MAYORS DO TO ATTRACT FINANCING FOR INFRASTRUCTURE PROJECTS?

This session will look at how the increasing involvement of the private sector in infrastructure projects has resulted in less direct supervision or ownership by local governments. In the quest for funds through alternative models of financing and investment, are mayors losing control over how cities should be developed? Will governance be increasingly critical to ensure that the public interest and project longevity are not compromised at the expense of short-term commercial gains?

## DISCUSSION FORMAT

Continuing from the tradition, all participants are active contributors at the Mayors Forum. The imperial hollow roundtable format forms the core component of the forum, where the moderator may subsequently call upon a Mayor, or a Mayor may wish to contribute towards the conversation by indicating interest to speak.

### CASE STUDY PRESENTATIONS

At the start of each session, selected interjection speaker and international organisation leader will briefly share their views, followed by Mayors who will present case studies relevant to the topic.

### INTERACTIVE DISCUSSION

Each session will also include interactive discussions on strategies necessary to ensure cities remain adaptable to new technologies and innovations, the right governmental support required to prepare cities to readily embrace disruptive innovations and the potential of alternative sources of infrastructure financing for cities.

### CONFIDENTIALITY

Participants are reminded of the private and confidential basis on which the forum discussions are held. Interventions are made in strict confidence amongst peers, and media are not allowed in the forum room beyond the Opening and Closing sessions. This is to encourage open and free contributions by all participants of the Forum on the matters that concern leaders most.

### LANGUAGE

The language of the forum discussion is English.

Simultaneous interpretation is provided for Spanish, Japanese and Mandarin Chinese.

### FORUM CHAIRPERSON



#### LAWRENCE WONG

Minister for National Development  
and Second Minister for Finance,  
Singapore

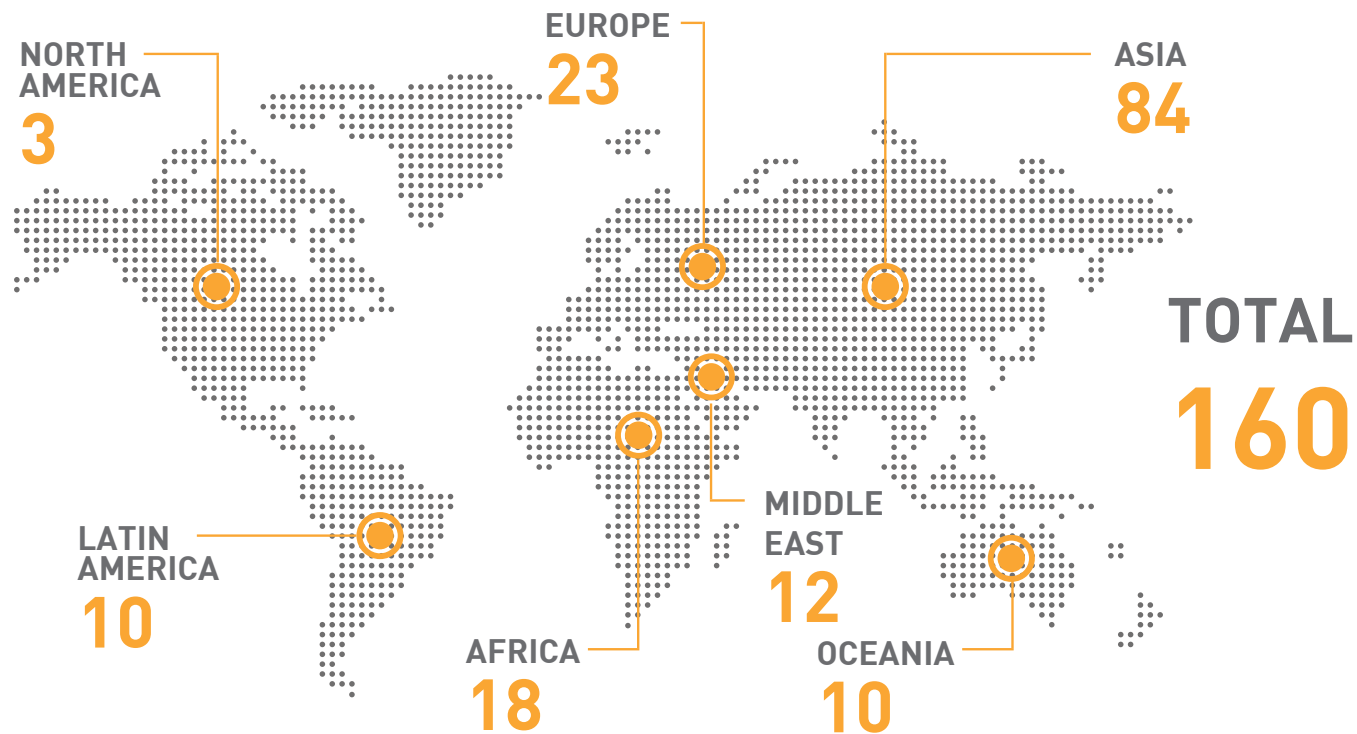
### FORUM MODERATOR



#### PROF. GREG CLARK

CBE FAcSS

# PARTICIPATING CITIES



## AFRICA

- Algiers
- Chefchaouen
- Cross Rivers State
- Dodoma
- Edo State
- Kumasi Metropolitan Assembly
- Lagos State
- Lilongwe City Council
- Lüderitz
- Maputo
- Marrakech
- Port Louis
- Quelimane

- Rabat
- Siaya County
- Walvis Bay
- Windhoek
- Zeralda

## ASIA

- Andhra Pradesh
- Baise City Municipal Committee
- Balanga
- Banda Aceh
- Bangkok
- Banyuwangi
- Bataan Province
- Batac City

- Bishkek
- Budinanda Municipality
- Champasak Province
- Chapakot Municipality
- Colombo
- Dipolog City
- Dongguan city
- Fang Cheng Gang City
- Fukuoka City
- Galle
- Gelephu
- Guangdong Provincial Committee
- Guangxi Autonomous Region
- Guigang City Municipal Committee
- Hezhou

- Hiroshima City
- Huizhou City
- Ilocos Norte Province
- Iloilo City
- Iskandar Malaysia
- Jambi City
- Jincheng
- Johor Bahru City Council
- Kaga City
- Kandahar
- Kandy
- Karachi Metropolitan Corporation
- Kuching City North Commission
- Kuching City South Council
- Laibin

Information accurate at time of print



# PARTICIPATING CITIES

## ASIA

- Liuzhou City
- Luang Prabang Province
- Mandaue City
- Medan
- Meizhou City
- Municipal Council of Seberang Perai
- Narayanganj
- New Taipei City
- Ningbo
- Olongapo City
- Padang City
- Penang City
- Penang Island City
- Penghu County
- People's Committee of Binh Duong Province
- People's Committee of Hai Phong
- People's Committee of Hanoi
- People's Committee of Nam Dinh Province
- People's Committee of Thua Thien Hue Province
- People's Committee of Quang Ngai Province
- Phnom Penh Municipality
- Preah Sihanouk Province
- Pu Er City
- Rikuzentakata City
- San Pedro
- Seoul Metropolitan City
- Shantou City
- Shanwei City
- Singapore Central District
- Singapore North East District
- Singapore North West District
- Singapore South East District
- Singapore South West District
- Sorsogon City
- Surabaya
- Suzhou
- Taichung City
- Tainan City

- Taipei City
- Tangerang
- Taoyuan City
- Tashkent
- Thimphu
- Tianjin Eco-City
- Tokyo Metropolis
- Toyama City
- Ulaanbaatar
- Vientiane Capital
- Yala City
- Yangjiang City
- Yokohama City

## EUROPE

- Almere
- Ankara
- Antalya
- Antwerp
- Bilbao
- Bristol
- Budapest
- City of London Corporation
- Essen
- Hamburg
- Helsinki
- Kazan
- Leipzig
- Montreux
- Moscow
- Rotterdam
- Thessaloniki
- Timișoara
- Tirana
- Vienna
- Vladivostok
- Warsaw
- West of England

## LATIN AMERICA

- Fortaleza
- Kingston
- Medellín
- Panama City
- Puente Alto
- Rio de Janeiro
- San Miguelito
- Santiago de Cali
- Sucre Municipality
- Tigre

## MIDDLE EAST

- Al Ain Municipality
- Al Bireh
- Al Hasa
- Amman
- Aqaba
- Hebron
- Manama
- Mersin
- Muscat
- Nablus
- Riyadh
- Tehran

## NORTH AMERICA

- Boulder
- Honolulu
- Jackson

## OCEANIA

- Adelaide
- Canberra
- Casey
- Darwin
- Greater Sydney Commission
- Melbourne
- Nasinu
- Nedlands
- Townsville
- Wellington

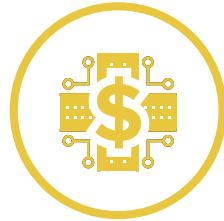
# TOP PRIORITIES OF CITIES

Based on a snap poll conducted prior to the WCS Mayors Forum.



## ECONOMIC GROWTH AND JOB CREATION

Antwerp  
Bilbao  
Bristol  
Canberra  
Chapakot Municipality  
Fukuoka City  
Kazan  
People's Committee of Quang Ngai Province  
Santiago de Cali  
Siaya County  
Singapore North West District  
Tainan City  
Tokyo Metropolis  
Toyama City  
Wellington  
West of England



## FINANCING INFRASTRUCTURE PROJECTS

Ankara  
Bilbao  
Bristol  
Casey  
Chapakot Municipality  
Fukuoka City  
Hebron  
Iskandar Malaysia  
Lilongwe City Council  
Montreux  
Muscat  
Nedlands  
People's Committee of Binh Duong Province  
People's Committee of Hanoi  
Rabat  
Tashkent  
Toyama City  
Vienna  
West of England



## CLIMATE CHANGE IMPACT

Antalya  
Quelimane  
Singapore North West District  
Taichung City  
Tokyo Metropolis



## TRANSPORTATION PLANNING AND DEVELOPMENT

Ankara  
Antalya  
Antwerp  
Balanga  
Budapest  
Canberra  
Casey  
Essen  
Hebron  
Kuching City North Commission  
Leipzig  
Mandaue City  
Medellín  
Moscow  
Municipal Council of Seberang Perai  
Nedlands  
Penghu County  
People's Committee of Binh Duong Province  
People's Committee of Hanoi  
Santiago de Cali  
Tainan City  
Thessaloniki  
Tirana  
Vienna



# TOP PRIORITIES OF CITIES

Based on a snap poll conducted prior to the WCS Mayors Forum.



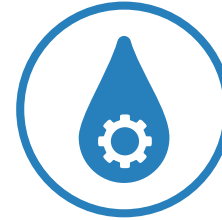
## HOUSING SUPPLY AND AFFORDABILITY

Algiers  
Iloilo City  
Iskandar Malaysia  
Leipzig  
Lilongwe City Council  
Moscow  
New Taipei City  
Rabat  
Rotterdam  
Siaya County  
Sorsogon  
Wellington



## ENVIRONMENTAL SUSTAINABILITY

Balanga  
Essen  
Kazan  
Manama  
Montreux  
Municipal Council of Seberang Perai  
New Taipei City  
Panama City  
Penghu County  
People's Committee of Quang Ngai Province  
Rotterdam  
Sorsogon  
Taichung City  
Tashkent  
Tirana



## WATER MANAGEMENT AND SANITATION

Iloilo City  
Manama  
Mandaue City  
Nablus  
Panama City  
Quelimane



## HERITAGE AND CULTURAL PRESERVATION

Algiers  
Budapest  
Kuching City North Commission  
Medellín  
Muscat  
Nablus  
Thessaloniki



# ALGIERS

**H.E. ABDELKADER ZOUKH**  
Governor of Algiers

H.E. Abdelkader Zoukh has been the Governor of Algiers since 2013.

He graduated in law from the Faculty of Law and has a Diploma from the National School of Administration in Algiers. He also has a Certificate of Internship in Management, from the National School of Public Administration in Quebec-Canada.

In 2016, he was awarded the National Order of Merit Medal by the Président, for his career and management of the housing sector, and his management of the capital's affairs.



## ABOUT THE CITY

TOTAL LAND AREA

**810** KM<sup>2</sup>

POPULATION SIZE

**3.155** MIL

POPULATION DENSITY

**3,900** PER KM<sup>2</sup>

### CITY'S TOP PRIORITIES



**HOUSING SUPPLY AND AFFORDABILITY**



**HERITAGE AND CULTURAL PRESERVATION**



Photo Credit: Toufik Lerari, WikiCommons

## ACHIEVING BALANCE IN REDEVELOPMENT OF ALGIERS BAY

The development of the Bay of Algiers is part of the Strategic Plan of Algiers by 2030, and aims to achieve a balance between cohesion and attractiveness, development and sustainability as well as tradition

and modernity. These carry the key ambitions of the city. Today, the Bay of Algiers is one of the most beautiful bays in the world.





# ANKARA

**ASSOC. PROF. MUSTAFA TUNA**  
Mayor of Ankara

Assoc. Prof. Dr. Mustafa Tuna graduated from Istanbul Technical University as a Civil Engineer in 1980. In 1982, Mr. Tuna graduated from ITU Faculty of Civil Engineering Faculty's Environmental Engineering Department with a MSc degree in Engineering. He was educated in the USA from 1982-1983. After completing his thesis study on "Wastewater Treatment Plant Cost Index and Flow - Cost Relationships", he received a PhD from ITU in 1995.

In 1998, Mr. Tuna received the title of "Associate Professor" by the Interuniversity Board in the Water Pollution Control Department, and won a publication incentive award from Scientific and Technological Research Council of Turkey (TUBITAK) for international publications. Assoc. Prof. Mustafa Tuna also served as the Member of Parliament for Ankara from 2002 to 2007. He was elected as Mayor of Ankara Metropolitan Municipality by City Council on November 6, 2017.



## ABOUT THE CITY

TOTAL LAND AREA  
**25,000** KM<sup>2</sup>

POPULATION SIZE  
**5.445** MIL

POPULATION DENSITY  
**217** PER KM<sup>2</sup>

### CITY'S TOP PRIORITIES



**FINANCING INFRASTRUCTURE PROJECTS**



**TRANSPORTATION PLANNING AND DEVELOPMENT**



## RESTORING THE ULUS HISTORICAL TOWN CENTER

Ankara, the capital city of the Republic of Turkey, has been a cradle of many civilisations with several archaeological sites and artefacts which can be traced back to the Bronze Age-era Hatti civilisation, the 2000 BC millennium Hittites, the 1000 BC millennium Phrygians, Lydians, Persians, Greeks, Galatians, Romans, Byzantines, Seljukians, Ottoman Empire and modern-day Turkey.

Recently, numerous restoration projects have been initiated by the Ankara Metropolitan Municipality to preserve the countless historical and cultural assets in Ankara. In particular, the Ulus district, located

in the boundaries of Ankara Metropolitan Municipality has been declared a "Renovation Area" to undergo continued relief, restitution, restoration and street renovation works. Within this framework, renowned destinations such as the Hacı Bayram Mosque, Ankara Castle, the inner part of the fortress and its surroundings have been restored and renovated. These projects will serve to transform Ankara into a "Culture and Tourism Region", which protects history and promotes city tourism.



# ANTALYA

**MENDERES MEHMET TEVFIK TÜREL**  
Mayor of Antalya

Menderes Türel studied journalism in England and was selected "The best journalist of Turkey" in 1987. In 1992, at the age of 28, he was elected as a council member of Antalya Chamber of Commerce and Industry.

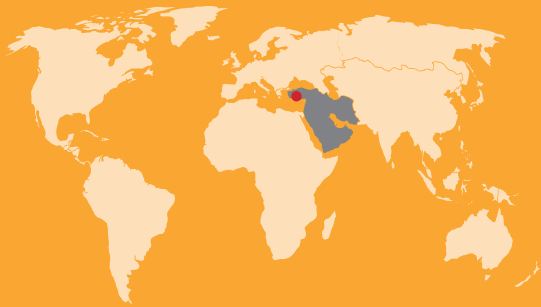
In January 2004, he was elected Mayor of Antalya, serving till March 2009.

In the June 2011 general elections, he was elected as the Justice and Development Party (AK Party) deputy of Antalya. He served as AK Party Deputy Chairman in

charge of Local Governments, members of the Central Decision of the Board of Directors and the Central Executive Committee.

In the 2014 local elections, he was again elected Mayor of Antalya. He is also the Head of Turkish National Delegation in Congress of Local and Regional Authorities in the Council of Europe.

Mayor Türel's goal is to make Antalya a city of culture, art, peace, harmony and friendship.



## ABOUT THE CITY

TOTAL LAND AREA

**20** KM<sup>2</sup>

POPULATION SIZE

**2.3286** MIL

POPULATION DENSITY

**120** PER KM<sup>2</sup>

## CITY'S TOP PRIORITIES



**CLIMATE CHANGE IMPACT**



**TRANSPORTATION PLANNING AND  
DEVELOPMENT**



## ASSESSING THE IMPACT OF CLIMATE CHANGE: ADAPTATION FOR THE SEA AND COASTS OF ANTALYA

Climate change is expected to have detrimental impacts to marine environment and coastal communities already under stress due to human activity and pollution. To assess the risks and develop strategies to cope with them, Antalya Metropolitan Municipality (AMM) launched this 24-month long Project focusing on the impacts of climate change on the marine environment in Antalya. The Project is implemented by AMM and Turkish Marine Research Foundation, and financed by the European Union and Republic of Turkey.

Antalya is the largest area in Turkey along the Mediterranean coast contributing significantly to the national economy. The region is a highly popular tourism destination with its rich cultural and natural heritage. The city serves as a natural museum and laboratory with its rich flora and fauna. There are also numerous antique cities and ruins scattered throughout the coastline. Antalya features a shoreline of 657 km and 25 rivers flow into the sea. It is hence vulnerable to climate change and the extent and magnitude of impact needs to be studied.

The Project includes numerous networking and capacity building activities; and risk assessments of climate change on areas such as biodiversity, archaeology and tourism. Project activities will enable an increased awareness of climate change and specifically focus on the impacts of climate change to the marine environment and its coast, as well as consequences to the economy, cultural heritage and biodiversity.

There will be two marine surveys which serve as invaluable contributions to research. The study will develop a preliminary assessment to identify places at greatest risk of the impacts of rise in sea level, invasive species, acidification, warming temperature and extreme weather conditions. Participation of the local people and stakeholders to the project is aimed to raise the knowledge, awareness and long-term continuity of the results of the project.



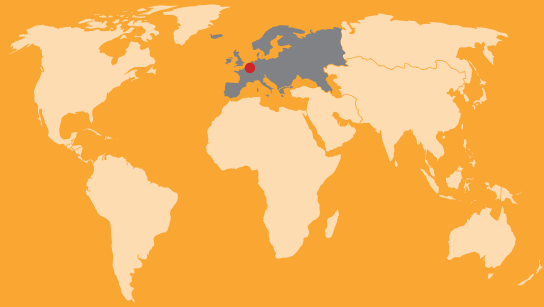


# ANTWERP

**BART DE WEVER**  
Mayor of Antwerp

Bart De Wever is the Mayor of Antwerp, the largest city in Flanders, Belgium. He has been the General Chairman of the New Flemish Alliance (N-VA) since 2004, and has served as a representative in several of the country's parliaments. De Wever studied history and worked as an

Assistant at the University of Leuven. His Latin expressions are a trademark with an example, 'Nil Volentibus Arduum': "Nothing is impossible for the willing", which subtly refers to his party's name.



## ABOUT THE CITY

TOTAL LAND AREA

**205** KM<sup>2</sup>

POPULATION SIZE

**522,000**

POPULATION DENSITY

**2,555** PER KM<sup>2</sup>

## CITY'S TOP PRIORITIES



**ECONOMIC GROWTH AND JOB CREATION**



**TRANSPORTATION PLANNING AND DEVELOPMENT**



## HARNESSING INNOVATIVE TECHNOLOGY: ANTWERP'S CITY OF THINGS

In January 2017, the Antwerp government and Imec, an internationally-known research institution, launched a large scale testbed in the city centre called City of Things. The testbed City of Things has an ambition to become one of Europe's largest Internet of Things reference living labs and technology labs. It will foster innovation and collaboration between different local and international stakeholders, such as companies, citizens, research institutions and the public sector, in the so-called "quadruple helix".

At the moment, the city of Antwerp is developing a Smart Zone in the city centre to be operational during summer 2018. The area will act as a lab for testing innovative IoT technologies, serve as a place where

citizens, visitors, researchers and companies can learn more about innovative technology, and encourage companies to showcase their latest innovative solutions to urban challenges.

Harnessing technology to develop multifunctional initiatives, in place of one-point solutions, will have a clear added value for citizens and companies. To achieve this, the city has created a digital-by-default strategy housed in a single platform called Antwerp City Platform as a Service where companies, local or global are most welcome to utilise the City of Things to test and validate the technology in a real-time and real-life smart city environment.





# AQABA

**H.E. ABDULLAH MOWAFAQ TAHA YASSIN**  
Commissioner of City Affairs of Aqaba

H.E. Abdullah Mowafaq Taha Yassin received a Bachelor's Degree in Mechanical Engineering from University of Science and Technology Jordan in 1994. He started his career as a supervising engineer, and became an Aqaba Special Economic Zone Authority Engineer in 2001. He then served the Aqaba Region Authority in various leadership roles, including Director of the Directorate of Municipal Services, Director of

Coordination and Operations Directorate and Director of Administrative Affairs Directorate. He was elected as Commissioner of the city in 2016, and also serves as a member of the board of directors for the Aqaba Airport Company, Aqaba Water Company and Aqaba Facilities Company.



## ABOUT THE CITY

TOTAL LAND AREA

**380** KM<sup>2</sup>

POPULATION SIZE

**148,400**

POPULATION DENSITY

**400** PER KM<sup>2</sup>



## PROTECTING THE AQABA CITY FROM RISKS OF FLOOD

Due to the inefficiency of city infrastructure, Aqaba has high risks of sudden flooding, floods and rain. To fortify protection mechanisms and infrastructure resilience, the city has spearheaded a number of projects and initiatives, including the construction of dams in vulnerable areas around the city, and the establishment of an early warning system.

The new flood design control mechanisms also feature new rock-fills and check dams in surrounding valleys to gather excess water during flooding.





# BALANGA

**HONOURABLE FRANCIS ANTHONY S. GARCIA**  
Mayor of Balanga

Hon. Francis Anthony S. Garcia graduated from Philippine Science High School and Cornell University with a Bachelor of Science in Engineering degree, majoring in Computer Science. He worked for several private companies, most notably for Qualcomm, before joining the public service as Special Advisor to Hon. Enrique "Tet" Garcia, Jr, Governor, Province of Bataan, Hon. Albert S. Garcia, Representative, 2<sup>nd</sup> District of Bataan and Hon. Jose Enrique S. Garcia III, City Mayor of Balanga from July 2004 to June 2016.

He was a Director at the Subic Bay Metropolitan Authority from 2011 to 2015, and served as a vital member of the Board that reversed the agency's debt into an annual profit margin of one billion pesos.

Hon. Garcia was elected as Mayor of Balanga in 2016, and has since improved and continued various sustainable policies, including regulating a smoke-free city, creating educational and computer facilities in villages and schools, and building more job opportunities.



## ABOUT THE CITY

TOTAL LAND AREA

**111** KM<sup>2</sup>

POPULATION SIZE

**99,300**

POPULATION DENSITY

**882** PER KM<sup>2</sup>

### CITY'S TOP PRIORITIES



**ENVIRONMENTAL SUSTAINABILITY**



**TRANSPORTATION PLANNING AND DEVELOPMENT**



## ELIMINATING THE DIGITAL DIVIDE WITH EDUCATION

The Barangay Learning Hub project was a collaborative effort between the private and public sectors to eliminate the "digital divide" separating those with varying access to technology. Jointly created by the Multi Sectoral Governance Coalition (MSGC) in Balanga City, an umbrella organisation of other private sector groups, the City Government, Department of Education, Barangay or Village Councils, as well as other government organisations, the Barangay Learning Hubs are facilities that provide free, air-conditioned access to computers, high speed internet, and printing to village residents. In each Barangay Learning Hub, a facilitator is present to help users navigate the computer and the internet, as well as to ensure all use is strictly for educational and productive purposes.

Different classes are held in the Barangay Learning Hubs all year-round, ranging from short courses and trainings on Microsoft Office applications, to Lego Robotics and 3D Printing classes. To date, there are 11 Barangay Learning Hubs in the city with more than 5000 users per month. A sister project of the Barangay Learning Hub is the School Learning Hub program, which aims to provide each public school student with at least one hour of computer time with internet access per day. Currently, more than 12 School Learning Hub classrooms have been set up by the City Government.



# BILBAO

## GOTZONE SAGARDUI

Coordinating Councillor for the Mayor's Office, Economic Development and Good Governance, Bilbao City Council

Gotzone Sagardui is the Coordinating Councillor for the Mayor's Office, Economic Development and Good Government at Bilbao City Council. With a diverse educational background ranging from Medicine to Tourism and Public Relations, Gotzone Sagardui has devoted her professional career to the public service. She worked for nearly twenty years in the Basque Country University and then as Chief of Health Care at the Socio-sanitary Residence of the Provincial Council of Bizkaia, before becoming Labor Activation Director of the Basque Public

Employment Service at the Basque Country Government. In 2016, she was elected as member of the Basque Country Parliament, where she participated in the commissions for health affairs, education and employment and social affairs. Since April 2017, she has served as a Councilor of the Mayor of Bilbao, responsible for institutional relations, human resources and public contracting. She is also Chairman of the 7<sup>th</sup> District of Bilbao, as well as board member of different public companies.



## ABOUT THE CITY

TOTAL LAND AREA

**42 KM<sup>2</sup>**

POPULATION SIZE

**345,100**

POPULATION DENSITY

**8,300 PER KM<sup>2</sup>**

### CITY'S TOP PRIORITIES



**ECONOMIC GROWTH AND JOB CREATION**



**FINANCING INFRASTRUCTURE PROJECTS**



## ZORROTZAURRE ISLAND & AS FABRIK: BILBAO ALLIANCE FOR SMART SPECIALISATION IN ADVANCED SERVICES TOWARDS THE DIGITAL TRANSFORMATION OF THE INDUSTRY

Bilbao is entering a new era as the nucleus of the city changes its form to become the centre of a new region. Zorrotzaurre, the latest major urban regeneration project to be implemented in Bilbao, is a key part of that transformation. Zorrotzaurre is an area that has shown constant social and industrial decline since the 1970s, and today houses less than 500 people. The AS FABRIK Project aims to increase the competitiveness of local companies, and showcase the best of Bilbao through innovation and knowledge. AS FABRIK will revitalise a public building on Zorrotzaurre Island, and consolidate the region as an innovative ecosystem and a reference in the field of advanced services for industry 4.0 and the digital economy.

To consolidate a new production model, the city will introduce new education programs for university students, entrepreneurs and

professionals to address the new challenges of the digital economy. Networking among public and private groups will also be facilitated to coordinate unique strategies and stimulate the launch of innovative start-ups in Bilbao with the support of an observatory and ideas lab to test-bed and analyse these ideas and solutions.

Through these actions, a new ecosystem of talent and innovation will be created in Bilbao to develop Knowledge Intensive Business Services (KIBS) companies and promote the industrial sector, which must be actively involved in a "smart transformation" process to ensure their future.





# BRISTOL

**MARVIN REES**  
Mayor of Bristol

Marvin Rees was elected Mayor of Bristol in May 2016, becoming the first European City Mayor of Black African-Caribbean descent.

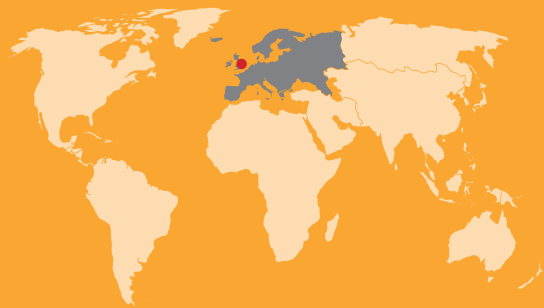
Born and raised in Easton, a culturally diverse and economically deprived district of Bristol, Marvin's priorities are tackling Bristol's housing crisis by building more homes, improving transport across the city, ensuring early intervention in health and progressing social mobility through education.

In 2012 Marvin founded the City Leadership Programme, which

invests in the development of young people from disadvantaged backgrounds, and continues as its director.

Since his election, he has developed the Bristol 'City Office', bringing together diverse organisations to work on the problems facing the city.

In addition, he is part of the Executive Committee of the Global Parliament of Mayors, and Bristol will host the annual convening in October 2018.



## ABOUT THE CITY

TOTAL LAND AREA

**110** KM<sup>2</sup>

POPULATION SIZE

**454,200**

POPULATION DENSITY

**3,900** PER KM<sup>2</sup>

## CITY'S TOP PRIORITIES



**ECONOMIC GROWTH AND JOB CREATION**



**FINANCING INFRASTRUCTURE PROJECTS**



## ONE CITY PLAN: BUILDING AN INCLUSIVE, COLLABORATIVE CITY

As the UK's fastest growing city with the highest economic growth rate outside of London, Bristol faces a high level of inequality despite its success. With the ability to divide communities, this inequality has been deemed a key challenge to be addressed through adopting a city-wide approach.

The One City Plan is an initiative to bring together and align Bristol's collective power to ensure that it is a city that works for all. By developing a shared city narrative and vision, a new model of leadership and city governance will be moulded to create a stronger and more inclusive city.

The first step of the journey has been to develop a collaborative One City Approach for 2050 and a roadmap to achieve these goals by convening the key organisations in the city to form new relationships

and strengthen the links that were already in place. This brought the city together around shared city outcomes, to align resources, identify interdependencies and develop the integrated multi-agency approach needed to tackle the complex challenges.

Key to the ambition of the One City Plan has been the 2016 Bristol Resilience Strategy, produced in partnership with 100 Resilience Cities. The strategy looks 50 years into the future and describes a framework of initiatives, which will aid in establishing a strong foundation of urban resilience, and ensure that Bristol will be able to flourish in the face of future uncertainty. The first version of Bristol's One City Plan was released on June 8<sup>th</sup> at a City Wide Gathering. Looking forward, the city will work to establish the governance needed to deliver the vision for Bristol's future.



# BUDAPEST

**DR. GÁBOR BAGDY**

Deputy Mayor of Budapest

Dr. Gábor Bagdy graduated majoring in Economics from the Budapest University of Economic Sciences, and later received a Ph.D in Economics. He became a Certified Property Expert at Nottingham Trent University in 2004, and is a member of The Royal Institution of Chartered Surveyors.

He began his career as a scientific researcher at the Economic Institute of the Hungarian Academy of Sciences. In 1990, he became personal advisor to the Minister of Social Welfare.

Later, he served leadership roles in the banking and real estate sectors at international companies.

Dr. Bagdy has been a member of the General Assembly of the Municipality of Budapest since 2002. He was elected to the Hungarian Parliament in 2010, and remained a Member of Parliament until 2014.

In 2010, he was elected to the General Assembly of Budapest and became Deputy Mayor of Budapest.



## ABOUT THE CITY

TOTAL LAND AREA

**525** KM<sup>2</sup>

POPULATION SIZE

**1.7** MIL

POPULATION DENSITY

**3,300** PER KM<sup>2</sup>

### CITY'S TOP PRIORITIES



**HERITAGE AND CULTURAL PRESERVATION**



**TRANSPORTATION PLANNING AND DEVELOPMENT**



## PROMOTING INCLUSIVE GROWTH

One of the most exciting grassroots development programs in Budapest is the TÉR\_KÖZ program, which is a rehabilitation program started by the City in 2013, and has continued in the following years to promote citywide public space renewal and community-based local rehabilitation of distressed urban areas. Based on the Long-Term Development Plan of Budapest, the City formulated a tender with a united set of criteria for the applying district municipalities, and offered a practical framework for the development of distressed areas. This was uncommon at the time since for many decades, planning and construction was centrally directed and did not consider local needs.

The subsidy from the City (up to about US\$2 million with a maximum of 75% of total project costs) can be used for the community-based reuse of City, district or private properties. The key requirement

is the cooperation between the applying district and a local non-governmental organisation (NGO). The City promotes the process with consultations and mediation between parties. These projects have promoted the refurbishment of unused or overused buildings, public spaces, squares and parks, reduced differences between richer and poorer areas of the city, and involved local citizens and companies in the development and refurbishment of their local neighbourhoods.

These are significant projects for the City in promoting inclusive growth based on grassroots initiatives.





# CANBERRA

## ANDREW BARR MLA

Chief Minister of Canberra

Chief Minister Andrew Barr MLA has been a member of the Australian Capital Territory (ACT) Legislative Assembly since April 2006, and Chief Minister of the ACT since December 2014. He is also the ACT Treasurer, as well as the Minister for Economic Development and Minister for Tourism and Major Events.

Chief Minister Barr believes in the modern labour values of responsible economic management and progressive social reform. His priorities in the Legislative Assembly and as Chief Minister of the ACT include promoting Canberra's economic development and investing in public

infrastructure such as hospitals, public transport, schools and sport facilities.

Chief Minister Barr wants to see the evolution and renewal of Canberra, which has already been named the world's most liveable city, continue for years to come. As Chief Minister, he is working toward greater integration and connection between Canberra's suburbs through public transport and upgrades to local shopping precincts to create a culture and city that reflects the pride Canberrans feel in their home.



## ABOUT THE CITY

TOTAL LAND AREA

**2358** KM<sup>2</sup>

POPULATION SIZE

**412,600**

POPULATION DENSITY

**174** PER KM<sup>2</sup>

## CITY'S TOP PRIORITIES



**ECONOMIC GROWTH AND JOB CREATION**



**TRANSPORTATION PLANNING AND DEVELOPMENT**



## BRADDON—URBAN RENEWAL MEETS HIPSTER HAVEN

Canberra - Australia's capital - is a dynamic, vibrant city where the intersection of government, science, education and business fosters innovation and economic opportunity. Lonely Planet named Canberra as the third best city in the world to visit in 2018, demonstrating the international recognition that Canberra is now receiving as a premier tourist destination.

Canberra is a city with large amounts of park land, where natural environments blends intimately with the urban landscape through purposeful design and smart, well-planned growth.

Just a few minutes' walk from Canberra's city centre is the suburb of Braddon—an evolving shopping and foodie precinct that has attracted a melting pot of boutique fashion stores, cafes, bakeries, restaurants and bars. But Braddon wasn't always a bustling hipster haven.

More broadly, the city precinct has undergone significant transformation and growth over the past few years, with a large amount of development in the city centre and along the city's main approach corridor, Northbourne Avenue. Land-use planning changes

in Braddon created an opportunity for private sector redevelopment and innovation.

Braddon is a great example of how community members, businesses, developers, investors and government have worked together to create new buildings, infrastructure, transport options, green areas and public spaces to achieve greater interaction between people, and foster more social and economic activity.

Collaboration between these groups has seen this dynamic inner city location flourish, with an exciting variety of pop-up stores and niche small businesses now on offer.

As Canberra's population continues to grow, we will sustain liveability by implementing high-quality, innovative urban renewal with places for visitors and residents to live, learn, work and play in. We will take advantage of these opportunities to make sure that future development results in urban environments which will further strengthen the liveability that our city enjoys.





# CASEY

## SAM AZIZ

Mayor Emeritus of the City of Casey

Cr. Aziz was elected as a Councillor to the City of Casey in 2008. He served as Chairman of the Planning Committee from 2009-2011. He was elected Mayor of the City of Casey in 2011-2012, 2015-2016, and again in 2016-2017. Cr. Aziz currently holds the portfolios of 'Economic Development', 'Investment Attraction & Global Partnerships' and 'Smart City'.

Cr. Aziz has had a diverse career with 17 years of continuous service at senior levels in the Commonwealth

Government, and retired in December 2013 to pursue a number of private business interests. Throughout his service at the federal level, Cr. Aziz also served in a number of state and local government positions, including Commissioner for Multicultural Affairs by the Victorian Government, and Director on the Board of the Victorian Metropolitan Fire and Emergency Services Organisation.



## ABOUT THE CITY

TOTAL LAND AREA

410 KM<sup>2</sup>

POPULATION SIZE

327,400

POPULATION DENSITY

800 PER KM<sup>2</sup>

## CITY'S TOP PRIORITIES



FINANCING INFRASTRUCTURE PROJECTS



TRANSPORTATION PLANNING AND DEVELOPMENT



## BUNJIL PLACE: CREATING AN AWARD-WINNING ARTS, CULTURAL AND ENTERTAINMENT PRECINCT

In 2017, the City of Casey opened a vibrant new entertainment precinct, which is the creative and community heart of the region. Bunjil Place is the first facility of its kind, bringing together creativity, entertainment and community in a way that is unparalleled in Australia and on the world design stage, taking the top honour at the International Design Awards (IDA) 2017.

Designed by award winning designers from Francis-Jones Morehen Thorp, Bunjil Place brings together an unprecedented mix of facilities including an outdoor community plaza, a theatre, a multipurpose studio, a function centre, a library, a gallery and the City of Casey Customer Service Centre: all in one place. The impressive architecture and the name, Bunjil Place, were inspired by stories of Bunjil (also referred to as 'Bundjil') by the First Nation's people.

Bunjil Place extends beyond the building, and is embodied by the whole precinct; from the glass façade of the impressive foyer it extends across the landscape to the memorial grove and aquatic centre. With so many spaces, a variety of exciting and diverse entertainment options and activities is possible, enabling visitors to create their own experience. The precinct encourages digital and social interactions, with cutting edge technology connecting the community with the precinct and the region, as well as measuring the performance of the facility, events and activities.

It is a place to be inspired by the innovative, experience the new, rediscover the past, be entertained by talent, feel challenged by different ideas and engage in culture and community.







# CHAPAKOT MUNICIPALITY

**SHIVA KUMAR GIRI**

Mayor of Chapakot Municipality

Shiva Kumar Giri, the Mayor of Chapakot Municipality, started his political career by getting involved in student politics in 1978. He was elected as President of the Nepal Student Union of Syangja district in 1982, and later founded Tarun Dal, a youth wing of the Nepali Congress party in 1997. In May 2017, he subsequently took office as Mayor of the Chapakot Municipality.

Mayor Giri has a vision to make Chapakot Municipality one of the most sustainable and liveable cities in Nepal, and has been committed to improving the quality of life for its residents. In order to form a well-planned, designed and developed city, he also created an "Urban Strategic Planning Commission".



## ABOUT THE CITY

TOTAL LAND AREA

**120** KM<sup>2</sup>

POPULATION SIZE

**26,000**

POPULATION DENSITY

**220** PER KM<sup>2</sup>

## CITY'S TOP PRIORITIES



**ECONOMIC GROWTH AND JOB CREATION**



**FINANCING INFRASTRUCTURE PROJECTS**



## NEPAL'S FIRST ORGANIC CITY: A PATH TOWARDS SUSTAINABLE CITIES

Rich in natural resources, more than 67% of Nepal's population relies on agriculture for a livelihood. Majority of farmers adopt traditional agriculture systems, but the excessive use of chemical fertilizers and pesticides has made adverse impacts on environmental and human health.

Chapakot Municipality is one of the greenest cities in Nepal, endowed with natural beauty, biodiversity, dense forests, rivers, streams and highly fertile land. To preserve the natural environment and improve the socio-economic situation in the city, the Chapakot Municipality has set a 10-year goal to become Nepal's first organic city. With the adoption of organic agriculture systems, the Municipality will promote environmentally, socially and economically sound production methods to yield crops whilst respecting the natural capacities of plants and local growing conditions.

In order to achieve this, the Municipality has developed an action plan. First, community-based agriculture schools, "Prangarik Pathshala" have been established to provide trainings and educate citizens on organic farming practices. The Municipality also provides further training on organic compost, fertilizer and bio-pesticide production, complemented with technologies, tools and incentives to promote the adoption of organic agriculture. Farmers in several communities have also formed farmers' groups and organic village development committees, in agreement to collectively adopt organic farming practices as per the vision of the Municipality.





# ESSEN

**THOMAS KUFEN**  
Lord Mayor of Essen

Thomas Kufen, Lord Mayor of Essen, was born in 1973 in Essen. After completing his training as an office administrator, he worked as a commercial employee in his family's business for nine years. In 1989, Kufen joined the Christ-Democratic Party (CDU), where he held various positions in the course of his political career. Most recently, he was Chairman of the CDU faction in the City of Essen Council. In the years 2000-2005 Thomas Kufen was a member of the parliament of North Rhine-Westphalia, and

from 2005-2010 he was Integration Commissioner of the Government of North Rhine-Westphalia. In 2012, Thomas Kufen returned as a Deputy in the Parliament of North Rhine-Westphalia, where he served as the energy policy spokesman of the CDU parliamentary group and member of the Group Executive Board of the CDU parliamentary group until 2015. On 21 October, 2015, Thomas Kufen was elected Lord Mayor of the City of Essen.



## ABOUT THE CITY

TOTAL LAND AREA

**210** KM<sup>2</sup>

POPULATION SIZE

**590,000**

POPULATION DENSITY

**2,770** PER KM<sup>2</sup>

### CITY'S TOP PRIORITIES



**ENVIRONMENTAL SUSTAINABILITY**



**TRANSPORTATION PLANNING AND DEVELOPMENT**



## THE EUROPEAN GREEN CAPITAL: PROMOTING ENVIRONMENTAL SUSTAINABILITY

The "European Green Capital Award" is given annually to the European city which is most committed to ambitious goals for environmental improvement, and has a consistent record of high environmental standards. In 2017, Essen was awarded the "European Green Capital 2017" by the European Commission.

The city of Essen is the first former mining city in history to win the award. Its successful 150-year transformation story, from a city of coal and steel to the greenest city in North Rhine-Westphalia, is a role model of structural change for many cities in Europe. Essen's vision of the future is one of a prosperous, economically sustainable major city, which is resistant to climate change and offers its population opportunities to develop in a healthy environment. Essen promotes

green infrastructure with high water quality, parks with high recreational value, innovative and environmentally friendly businesses (Green Economy), integrative education and sustainable mobility concepts.

The city is oriented towards sustainability and celebrated this during 2017. In conferences, events or congresses, environmental experts and network partners gathered to share knowledge and learn from each other. In various events, street parties or small projects, the citizens were given different opportunities to create their own sustainable activities and be a part of the green movement. This is why the Green Capital Year was themed: "Green up your life!"





# FUKUOKA CITY

**HIS EXCELLENCY SOICHIRO TAKASHIMA**  
Mayor of Fukuoka

Since 1997, H.E. Soichiro Takashima served as a TV presenter for variety programs and talk shows on environmental issues. In 2010, he became the youngest mayor in Fukuoka City's history at the age of 36. He was re-elected in November 2014, securing a record number of votes. In the same year, he was also nominated for the World Mayor Prize, and in 2017, he became the first Japanese mayor to participate in the World Economic Forum Annual Meeting.

As a young Japanese political leader, H.E. Takashima has been actively promoting Fukuoka at home and abroad. Utilising Fukuoka City's established status as the National Strategic Special Zone for Global Startups and Job Creation since May 2014, H.E. Takashima has been implementing

various deregulations and systematic reforms including the Startup Visa, and corporate tax cuts for startups. He has also been active in the fields of tourism and MICE promotion, successfully earning Fukuoka the right to host the 2019 Rugby World Cup, 2019 ISU World Team Trophy in Figure Skating, G20 Finance Ministers and Central Bank Governors Meeting 2019, and the 2021 World Aquatics Championships.

Nationally, H.E. Takashima has also assumed a variety of important leading positions, including acting as an advisor to the Tokyo Organising Committee of the Olympic and Paralympic Games 2020, and as a member of the Cool Japan Strategic Promotion Committee, amongst others.



## ABOUT THE CITY

TOTAL LAND AREA

**343** KM<sup>2</sup>

POPULATION SIZE

**1.57** MIL

POPULATION DENSITY

**4,570** PER KM<sup>2</sup>

## CITY'S TOP PRIORITIES



**ECONOMIC GROWTH AND JOB CREATION**



**FINANCING INFRASTRUCTURE PROJECTS**



## DEVELOPING THE WORLD'S FIRST LOW-CARBON INNOVATION PROJECT

Fukuoka City has developed the world's first low-carbon innovation project on hydrogen-fuelled vehicles, through a collaboration between industry, academia, government and citizens. In March 2015, Fukuoka's first hydrogen station was opened. When sewage sludge is treated at a sewage treatment plant, biogas is generated in the treatment process. This is then used to produce hydrogen, which is supplied to Fuel Cell Vehicles (FCVs). This method is very efficient and sustainable, as a stable amount is collected daily at the sewage treatment plant. Hydrogen for one FCV can be produced from sewage from 600 individuals per day.

To utilise this energy in the field of logistics, Fukuoka City has developed a fuel-cell truck and has been conducting test drives for freight shipment in urban areas since May 2016. Starting in Autumn 2018, this will be put into application on public roads in the city centre. As of last year, this technology has been adapted for fuel-cell bikes as well, providing a useful method of mobility for citizens. This project has potential for development not only in mobility, but in urban development as a whole. With the unique use of sewage treatment plants, a common urban infrastructure, the project can also be applied to other cities around the world.



# HEBRON

**TAYSIR ABU SNIENAH**  
Mayor of Hebron

Mr. Taysir Abu Snienah is the Mayor of Hebron. Before entering the civil service, he received a Bachelor's Degree in Mathematics from the University of Jordan and worked as a teacher of Mathematics and Islamic Religion.

He also served as the Leader of Waqf Directorate to manage Islamic properties in Hebron, and was elected as Mayor of Hebron in May 2017.



## ABOUT THE CITY

TOTAL LAND AREA

**50** KM<sup>2</sup>

POPULATION SIZE

**300,000**

POPULATION DENSITY

**6,000** PER KM<sup>2</sup>

### CITY'S TOP PRIORITIES



**FINANCING INFRASTRUCTURE PROJECTS**



**TRANSPORTATION PLANNING AND  
DEVELOPMENT**



## CHARITABLE HOUSING: DEVELOPING AND SUPPORTING INCLUSIVE RESIDENTIAL AREAS

The King Abdullah Bin Abdul-Aziz Charitable Housing City Project is located in the Southern part of the West Bank in Hebron, Palestine. With a population of 300,000, Hebron is the largest city in Palestine. However, as the city's population continues to increase, the land available for construction has been decreasing constantly. As a result, there has been a large increase in housing prices, as apartments in Hebron have become unaffordable for low-income populations.

In order to meet the needs of disadvantaged and low-income populations, the Municipality of Hebron put forth a vision to develop and support residential areas. The city of Hebron has organised new housing projects through the development of licensed infrastructure projects to meet the needs of the disadvantaged. This project, executed in collaboration with UN Habitat, has provided housing and jobs for more than 800 people, most of whom are widowed mothers without stable sources of income.





# ILOILO CITY

**HON. JOSE ESPINOSA III**  
Mayor of Iloilo City

A lawyer by profession, Hon. Jose S. Espinosa III, popularly known as "Atty. Joe the 3<sup>rd</sup> Espinosa", was elected a City Council Member in 1989, and served for three consecutive terms. He handled important standing committees, like the Committee on Transportation, Committee on Good Government and Committee on Trade, Commerce and Industry. He pioneered and sponsored many legislative measures that improved governance.

During the 2010-2016 Elections, he ran as the only local candidate under the Nationalista Party and was elected Vice-Mayor. During his term, he introduced many innovations to the

City Council, like the computerisation of records management, creation of "Sangguniang Panlungsod IT Center" and initiation of the Less Paper Session.

After becoming City Mayor in August 2017, he has implemented his advocacy for innovative and inclusive governance. His flagship program, "Pag-Ulikid Movement", launched April 2018, brings government services directly to the people, i.e., City Hall services to the "barangays" (a smaller administrative division).



## ABOUT THE CITY

TOTAL LAND AREA

**78 KM<sup>2</sup>**

POPULATION SIZE

**457,200**

POPULATION DENSITY

**5,800 PER KM<sup>2</sup>**

## CITY'S TOP PRIORITIES



**HOUSING SUPPLY AND AFFORDABILITY**



**WATER MANAGEMENT AND SANITATION**



## BUILDING UP COMMUNITY-BASED DISASTER PREPAREDNESS: THE KABALAKA PROGRAM

Iloilo City is a highly urbanised city. It has 180 barangays or villages, of which 25 are exposed to storm surges and 155 are fire-prone. The worst disaster that hit the city was Typhoon Fengshen in 2008. It caused a total damage of US\$30.18 million and claimed 28 lives. This opened the eyes of local leaders to the need to increase the resiliency of communities against disasters.

In 2012, the city launched its advocacy campaign, the KAhublagan sa Barangay para sa LApnagon nga KAhandaan sa KAlamidad (KABALAKA) Program, or Movement for Community-Based Disaster Preparedness. "Kabalaka", in local language, means "to care", and is the campaign banner for all of the city's disaster risk reduction (DRR), preparedness and information activities.

The KABALAKA initiative aims to develop resilient communities through the promotion of self-help and mutual help concepts. The city has been forging partnerships with the various stakeholders, public and private schools, government agencies and non-governmental

organisations in a multi-directional movement to increase the momentum in transforming more communities.

Community education has played a critical role. DRR education has been made accessible through materials such as flyers, infographics, videos, animation and short films, as well as creative activities for children, senior citizens, persons with disabilities and youth.

Other innovations include the KABALAKA Gallery, an information and exhibition centre where citizens learn about disaster preparedness. It is the first of its kind in the country. It has helped promote Iloilo City as a resilient city to visitors, and has caught the interest of institutions.

KABALAKA is being presented to schools, nearby towns, provinces and international partners. It is hoped that KABALAKA will change the way people think about disaster preparedness: to realise that it must start within their homes, their community, and their lives.



# ISKANDAR MALAYSIA

**DATUK ISMAIL BIN IBRAHIM**

Chief Executive Officer, Iskandar  
Regional Development Authority (IRDA)

Effective 1 January 2010, Datuk Ismail was appointed as the Chief Executive Officer of Iskandar Regional Development Authority (IRDA). His main responsibility is to advise the Prime Minister and Menteri Besar Johor as co-chairmen of the Board of IRDA in planning and implementing the economic, physical and social development strategies to meet the vision of realising the Iskandar Development Region as a Strong and Sustainable Metropolis of International Standing.

His many achievements in IRDA include securing a total cumulative investment worth USD50 billion for the period 2006 to December 2016, and the successful execution of public infrastructure projects worth USD2 billion for the period 2006 to December 2016 for Iskandar Malaysia. He was responsible for coordinating and facilitating public-private cooperation to develop Iskandar Malaysia through various programmes such as human capital and entrepreneurship, safety and security, youth development, public transportation, housing and the environment.



## ABOUT THE CITY

TOTAL LAND AREA

**2,300** KM<sup>2</sup>

POPULATION SIZE

**1.9** MIL

POPULATION DENSITY

**830** PER KM<sup>2</sup>

## CITY'S TOP PRIORITIES



**FINANCING INFRASTRUCTURE PROJECTS**



**HOUSING SUPPLY AND AFFORDABILITY**



## DEVELOPING A FUTURISTIC ISKANDAR MALAYSIA

New concepts and emerging trends will potentially disrupt existing conventions and dictate the future. Disruptive innovation or technology has started to become the new norm. Therefore, there is a need to be proactive in pre-empting strategies to be aligned to whatever changes the future will bring.

In November 2016, IRDA formed the Futuristic Iskandar Malaysia Advisory Council (or FIMAC), to continuously maintain Iskandar Malaysia as a futuristic city. FIMAC aims to bring together all relevant and key stakeholders related to any futuristic initiatives, such as smart city, sustainable city, green city, future city, connected city, safe city, healthy city and so on, within Iskandar Malaysia.

It serves as a platform for exclusive forums, knowledge sharing sessions and collaboration opportunities. Together, FIMAC will shape

the future of Iskandar Malaysia within the context of technology and innovation, in a cohesive and holistic manner. It also collectively acts as the market accelerator and advisor to market players in transforming Iskandar Malaysia into a smart metropolis.

Members of FIMAC include relevant government agencies, academia, professional bodies, service and solutions providers, technology companies and start-ups as well as industry players from the various economic sectors. The numbers have grown from below 30 to over 80 member organisations, registered during the 5<sup>th</sup> FIMAC Forum held in March 2018 at Sunway Iskandar. Each of the five forums to date is hosted by one of the members on rotation basis.

There are now a total of 10 Tech-Work Groups (TWG) under FIMAC looking at various collaborative projects in line with FIMAC's goal.





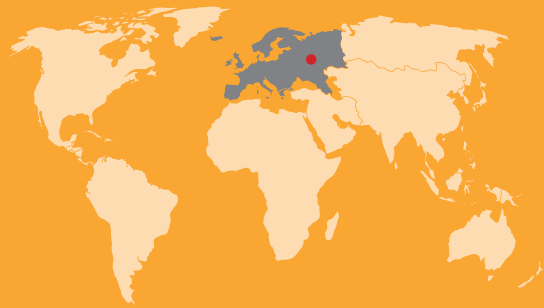


# KAZAN

**ILSUR METSHIN**  
Mayor of Kazan

Ilsur Metshin was elected as a Mayor of Kazan in March 2006, and was later re-elected both in 2010 and 2015. He holds a PhD degree in Law awarded by Kazan State University. During his terms, Ilsur Metshin's objectives revolved around the improvement of quality of life for local citizens, development of environmental sustainability, and creation of favourable business climate for SMEs. In the recent years, Kazan has made an incredible leap in its development, becoming one of the most popular and comfortable cities of Russia and receiving widespread international acclaim.

Ilsur Metshin chairs the Association of Volga Region Cities and serves on the Board of the Union of Russian Cities. He also holds leading positions in major international organisations such as the World Organization "United Cities and Local Governments" and the Organization of World Heritage Cities.



## ABOUT THE CITY

TOTAL LAND AREA

**614** KM<sup>2</sup>

POPULATION SIZE

**1.2435** MIL

POPULATION DENSITY

**2,025** PER KM<sup>2</sup>

## CITY'S TOP PRIORITIES



**ECONOMIC GROWTH AND JOB CREATION**



**ENVIRONMENTAL SUSTAINABILITY**



## STIMULATING ECOLOGICAL DEVELOPMENT OF KAZAN

Just a decade ago, Kazan could not demonstrate any outstanding results in urban landscaping and greening. Following Russia's National Environmental Ranking in 2012 where Kazan came in 45<sup>th</sup> place, the city implemented the Ecological Development Project to create a green city with well-developed recreational infrastructure.

Since then, more than 150,000 trees, 66,000 bushes and 500,000 square meters of new lawns have been planted. The city has also restored or created 53 parks, increasing the number of parks and gardens to 140 with the total area of 367 hectares. Today, more than 25 parks are supported by socially responsible private and public enterprises in the city.

Consequently, these parks and public gardens have become favourite places for local citizens and guests, with an increase in visitors by almost ten-fold. Every year, hundreds of cultural and recreational

events and activities are held in parks. For instance, an annual flower decoration competition called "Blooming Kazan" is held every summer, planting 6.5 million flowers and decorating 49 thousand square meters of flower beds. The resulting gardens are even comparable to the size of seven football fields!

For the first time in the city's history, well-developed river walks have also been created, designed in accordance to the latest trends and citizens' opinions. These river walks include separate bicycle paths, sports equipment rentals, children playgrounds, public books and more. In addition, the city has introduced educational programs to teach the younger generation to treat the environment carefully. As a result, Kazan has moved up to 7<sup>th</sup> place in Russia's National Environmental Rating in 2017, entering the list of Russia's most environmentally friendly cities.



# KUCHING CITY NORTH COMMISSION

## DR. MORSHIDI AHMAD

Principal Deputy Director of Kuching North City Hall

A graduate from Universiti Sains Malaysia with a Bachelor of Science with honours in Biology (1987), Dr. Morshidi Ahmad had worked at Sarawak Health Department before joining Kuching North City Hall in 1989.

During his tenure in Kuching North City Hall, he was given the opportunity to further his studies at University of Warwick, United Kingdom, earning his Master's degree majoring in Engineering Business Management (2004). Recently, Dr. Morshidi was conferred with honorary doctorate

In Philosophy in the School of Built Environment, University of Salford, United Kingdom (2017) with a thesis entitled 'A Bottom-up Participatory Governance Institutional Framework for Sustainable Community Development in a Malaysian Sub-Urban Area'.

He was appointed as Principal Deputy Director of Kuching North City Hall on 1 April, 2017. Prior to his appointment, he served as Deputy Director of Regulatory Services at the Mayor's office.



## ABOUT THE CITY

TOTAL LAND AREA

**370** KM<sup>2</sup>

POPULATION SIZE

**228,300**

POPULATION DENSITY

**370** PER KM<sup>2</sup>

## CITY'S TOP PRIORITIES



HERITAGE AND CULTURAL PRESERVATION



TRANSPORTATION PLANNING AND  
DEVELOPMENT



Photo credit: Lenny K Photography, Flickr

## IMPLEMENTING SMOKE-FREE ZONES IN KUCHING CITY

Kuching North City Hall (Dewan Bandaraya Kuching Utara, DBKU) is committed to address health and environmental issues with smoking. DBKU rolled out the strategy "EDUCATE". Each letter in "EDUCATE" carries meaning. "E" refers to Engaging with stakeholders and community, through dialogues with food entrepreneurs, press conferences, and the involvement of non-governmental organisations; schools; communities especially places-of-worship like mosques, churches and temples; and government agencies like the Department of Health, and the Sarawak Natural Resources and Environment Bhd.

"D" refers to Designating Smoke-Free Zones. "U" refers to Undertake to lead and facilitate, where DBKU leads campaign efforts. "C" refers to Creating awareness, by maximising existing communication channels like social media, billboards, posters, brochures and promotion programs in schools. "A" refers to Advocating towards a Tobacco-Free Generation (TFG). "T" refers to Training of TFG 'Champions' from educational institutions, by experts from the Health Ministry and 'The Union', an international organisation that combats tuberculosis and lung disease.

"E" refers to Enforcing laws. Smoke-Free Zones came into force on 1 January 2017, covering licensed food premises, public parks and places-of-worship. Prior to this, DBKU held a briefing-cum-dialogue with food operators informing them on the Smoke-Free Zone, to gain their support.

DBKU is collaborating with the Ministry of Health to set up signboards and provide designated smoking areas. Non-smoking signs have also been placed in places-of-worship. To raise awareness, DBKU held a sharing session on 27 Jan 2018. Experts from Singapore were invited to share.

As of May 2018, 351 food premises, 47 public parks and 22 places-of-worship have been declared Smoke-Free Zones. This program is expected to raise awareness on the dangers of smoking, and provide comforts to non-smokers at food premises. Residents can enjoy clean and fresh air at public parks, and worship in a more comfortable place. This makes the City of Kuching a clean, beautiful and safe city to visit and live in.



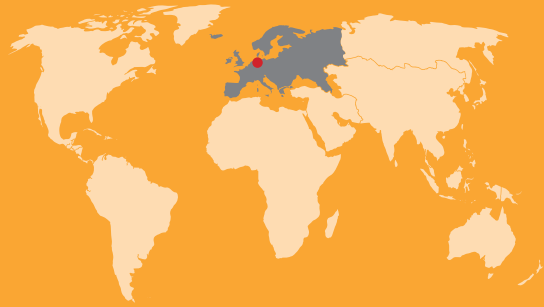


# LEIPZIG

**ULRICH HOERNING**  
Deputy Mayor of Leipzig

Ulrich Hoerning is the Deputy Mayor for General Services in the City of Leipzig, Germany. In his role, he is responsible for the operation and modernization of core administrative processes as well as the HR, legal and information technology functions. In previous public sector positions, Mr. Hoerning worked as an economist at the World Bank in Washington, a senior administrative reform manager at the City of Mannheim and a strategy officer at the Federal

Ministry of Finance in Berlin. As a project manager with strategy consulting firm Booz & Company, he led projects for private and public sector clients alike in Europe and Asia. Mr. Hoerning holds a diploma in economics from the University of Tübingen (Germany), a certificate from the Institut d'Etudes Politiques in Paris and a Masters degree from Harvard Kennedy School.



## ABOUT THE CITY

TOTAL LAND AREA

**297** KM<sup>2</sup>

POPULATION SIZE

**590,000**

POPULATION DENSITY

**1,986** PER KM<sup>2</sup>

### CITY'S TOP PRIORITIES



**HOUSING SUPPLY AND AFFORDABILITY**



**TRANSPORTATION PLANNING AND DEVELOPMENT**



## SPINLAB – ACCELERATOR PROGRAM FOR LOCAL STARTUPS

SpinLab is an accelerator program in the City of Leipzig that supports innovative startups to implement and grow their venture. Founded in 2014, the program offers intensive coaching, complimentary co-working spaces, mentoring and access to a network of investors, companies and other founders. Every six months, the program accepts a class of six startups and has thus supported over 30 startups so far.

SpinLab symbolizes the spirit of Leipzig on multiple levels.

SpinLab connects the rich past of Leipzig with the City's current dynamic Zeitgeist. SpinLab is situated at the Spinnerei: an old industrial site - once housing Europe's largest cotton mill - that was transformed to a space for creativity now used by artists, galleries and gastronomy.

SpinLab brings together a wide variety of diverse partners. SpinLab is a cooperation between the HHL Leipzig Graduate School of Management and Spinnerei. The project was furthermore funded through contributions from a large number of investors and established companies (e.g., media groups, financial institutions, ministries, utility companies).

SpinLab embraces Leipzig's open and international attitude. Even after completing the accelerator program, SpinLab offers the participating startups additional support through an international exchange program.





# LILONGWE CITY COUNCIL

**DR. DESMOND BIKOKO**  
Mayor of Lilongwe

Dr. Bikoko has proven ability in problem solving, management and motivation. With over eleven years of experience with senior management training and development, he possesses outstanding organisational, communicational and interpersonal skills. He is also knowledgeable in the facilitation of business goals and has experience in public relations,

project planning, and event coordination. In addition to serving as Lilongwe's mayor, Dr. Bikoko is also the CEO/Chairman of Madison Holdings, a firm he founded in 2008. He holds a Ph.D in International Business, an MBA in Project Management, an Executive MBA and a BA in Leadership.



## ABOUT THE CITY

TOTAL LAND AREA

**730 KM<sup>2</sup>**

POPULATION SIZE

**1 MIL**

POPULATION DENSITY

**1,480 PER KM<sup>2</sup>**

## CITY'S TOP PRIORITIES



**FINANCING INFRASTRUCTURE PROJECTS**



**HOUSING SUPPLY AND AFFORDABILITY**



## ADOPTING A COLLABORATIVE APPROACH IN TRAFFIC MANAGEMENT

Over the past eight years of growth, Lilongwe had been experiencing increasing challenges with local traffic management. City authorities alone had not been effective at enforcing local traffic bylaws, which resulted in chaos on the city streets. Thus, Lilongwe leaders began to work with the Directorate of Traffic for Road Safety Services and

the Police Force under the central government's jurisdiction. This collaborative approach created a shared responsibility towards the resources and manpower required for traffic management. As a result, city roads have become less congested and more organised, with a reduction in the occurrence of traffic accidents.





# MANAMA

**H.E. SHEIKH HISHAM BIN  
ABDULRAHMAN AL KHALIFA**  
Governor of Manama

H.E. Sheikh Hisham bin Abdulrahman Al Khalifa's professional career reflects over 20 years of executive level management and business analysis in the private and public sectors. Since his appointment in 2011 as Governor of Capital Governorate by His Majesty King Hamad bin Isa Al Khalifa, H.E. Sheih Hisham bin Abdulrahman Al Khalifa has played a key role in restructuring the Capital Governorate and building teams to tackle complaints of residents. He has also developed long and short-term plans to develop the Capital Governorate economically, socially and politically.

He implemented a series of programs to expose the public to enrichment opportunities, such as the Green

Capital project, unemployment training programs and Manama Entrepreneurship Week. He has also developed the Capital Governorate Volunteering Program, My Capital mobile application, and many other innovative projects and programs.

Sheikh Hisham bin Abdulrahman Al Khalifa has also contributed to overseeing local policies and developmental plans to support social stability and security, as well as ensuring implementation of public service development programs to promote the Governorate and achieve societal partnership.



## ABOUT THE CITY

TOTAL LAND AREA

**78** KM<sup>2</sup>

POPULATION SIZE

**577,000**

POPULATION DENSITY

**7,300** PER KM<sup>2</sup>

### CITY'S TOP PRIORITIES



**ENVIRONMENTAL SUSTAINABILITY**



**WATER MANAGEMENT AND SANITATION**



## LAUNCHING THE ALL NEW “MYCAPITAL” APPLICATION AND WEBSITE

In mid-November, the Capital Governorate launched the “Mycapital” application for smart phones and launched its new website during a press conference held at the Governorate’s building in Qudaibiya.

This project comes as part of the Governorate’s plan to modernise and develop its communication channels with citizens. Through the use of digital publication platforms, the application helps build communication bridges with citizens by digitising the process of communication. In this way, citizens and expatriates gain access to the Governorate, working in line with the work values of the Governorate: cooperation, quality, professionalism, transparency and accountability to continually improve their service of citizens and expatriates.

The “My Capital” application allows those within the geographical limits of the capital to take pictures of the items they would like to present a suggestion or complaint about, while attaching details. These can then be sent to concerned individuals in the capital with ease, as users are given the opportunity to follow up on the progress of their suggestions or complaints, and whether their submission has been processed or is still being reviewed. In the open media space, the Governorate allows all users to follow up on complaints and suggestions submitted by both citizens and visitors, thus allowing individuals to express their opinions in a transparent and objective manner, without prejudice or neutralisation.





# MANDAUE CITY

**HON. GABRIL LUIS "LUIGI" R. QUISUMBING**

Mayor of Mandaue City

Hon. Gabriel Luis "Luigi" R. Quisumbing began his life in public service at the young age of 21, as a Legislative Officer for the Office of Former Senator Rodolfo G. Biazon. He then became a Provincial Board Member for the Province of Cebu, Philippines and later moved on to become the House Representative for the 6<sup>th</sup> District of Cebu Province until 2016. Hon. Quisumbing is presently serving as the mayor of the City of Mandaue.

Hon. Quisumbing is also a Naval reservist with a rank of Commander for the Naval Reserve Command of the Armed Forces of the Philippines.

Hon. Quisumbing has a degree in Business Administration from the Centre for International Education in Cebu City, Philippines.



## ABOUT THE CITY

TOTAL LAND AREA

**33 KM<sup>2</sup>**

POPULATION SIZE

**362,700**

POPULATION DENSITY

**11,000 PER KM<sup>2</sup>**

### CITY'S TOP PRIORITIES



**WATER MANAGEMENT AND SANITATION**



**TRANSPORTATION PLANNING AND DEVELOPMENT**



## BRINGING CITY SERVICES TO THE PEOPLE: BARANGAYAN PROGRAM

The mandate of any government is to provide and deliver basic services for her citizenry, especially to the indigent and vulnerable members of society. Many of those who belong to these sectors rarely, if ever, obtain services of the City due to distance or capability. To ensure that the community has the opportunity to access the City's services, the City of Mandaue began the implementation and institutionalisation of the Barangayan Program.

This program aims to bring certain services to the different barangays or villages in the city, especially in the far-flung villages. In essence, the Barangayan Program aims to bring services closer to the people. The different offices in the city work with the barangays to bring this program to the grassroots.

Services provided include: job application through the Public Employment Services Office; Legal consultation provided by the City Legal Office; Livelihood trainings like candle and soap-making through the City Cooperative Development Office; Medical check-ups done by the doctors and nurses of the City Health Office; and Application and processing of Birth, Death or Marriage Certificates through the Local Civil Registrar's Office. Also, the City Social Welfare Office provides feeding for children, application and processing of financial assistance, and counselling if necessary. Free hair cuts are provided by the students of the Mandaue City College Technological, Entrepreneurial, Skills Training Centre, and pets are also given free rabies vaccination by the City Veterinarian's Office.





# MEDELLÍN

**H.E. FEDERICO GUTIÉRREZ  
ZULUAGA**  
Mayor of Medellín

H.E. Federico Gutiérrez is a civil engineer from the University of Medellín, with graduate studies in Management and Political Science from the Universidad Pontificia Bolivariana. He is the first Mayor of Medellín ever elected by a civil movement and not by a traditional political party.

In his late twenties, he was elected Councillor of Medellín for the period 2004 to 2007, where he held the position of President of the first Commission. At the age of 32 he was re-elected for the period 2008 to 2011 and was chosen as President of the City Council. He obtained around 14 thousand votes; at the time, the highest number of votes obtained by a councillor in the history of Medellín.

In 2009, he was recognised as Outstanding Young Person of the Year by the Junior Chamber of Colombia in the category of political, legal and government affairs.

He is very passionate about Medellín, and during his entire life – independently from his political career – he has walked the streets of Medellín, talking to the people, working with and for them. His description of his desired city is “secure, equitable and sustainable” and he believes that the way to achieve it is through a governance model based on civic trust.



## ABOUT THE CITY

TOTAL LAND AREA

**380** KM<sup>2</sup>

POPULATION SIZE

**2.53** MIL

POPULATION DENSITY

**6,600** PER KM<sup>2</sup>

## CITY'S TOP PRIORITIES



**HERITAGE AND CULTURAL PRESERVATION**



**TRANSPORTATION PLANNING AND  
DEVELOPMENT**



## REVITALISING DOWNTOWN MEDELLÍN

The city of Medellín, the capital of the department of Antioquia, is located in the northwest region of the Republic of Colombia, in South America. Its 2,529,403 inhabitants reside in 270 neighbourhoods, integrated into 16 comunas\* and five corregimientos.\*\*

One of the most important sectors of this capital is Downtown Area, a place through which 1,200,000 people pass daily, and which has been a key point in the historical, social, commercial, industrial and cultural development of the city. The Mayor of Medellín, Federico Gutiérrez Zuluaga, formulated with his team the Integral Plan of Downtown, a model that prioritises human mobility.

This design of public space intervention privileges the conservation and environmental sustainability on concrete or cement. For these works, the municipal government invested 270,000 million Colombian pesos (approximately \$90 million dollars).

Main urban interventions include the Oriental Avenue, a green road which is the main road axis of Downtown Area. 308 units of trees and 63,329 shrubs and low-planted species were planted. The Paseo Bolívar – Bolívar Walk, a historical mobility corridor, was also built, and includes 510 gardens of trees planted along 1 km of bicycle roads.

30 Green Corridors, including the La Playa Walk, were built, and involves tree planting and the preservation of existing species. These renovated spaces will be articulated with three of the hills of Medellín (Nutibara, El Volador and La Asomadera). More than 20,000 new trees are already growing.

*\*Comuna: Sectorial division of Medellín formed by groups of neighborhoods*

*\*\*Corregimiento: Spanish term used for country subdivisions for administrative purposes.*





# MERSİN

**BURHANETTİN KOCAMAZ**  
Mayor of Mersin Metropolitan  
Municipality

In 1992, Burhanettin Kocamaz joined the MHP Tarsus District Organization as the press secretary. In 1994, he was elected as the Mayor of Tarsus and served four consecutive terms. In 2014, he was elected as the Mayor of Mersin Metropolitan Municipality from MHP.

Kocamaz is a charter member of the Association of Historical Towns, Union of Municipalities of Turkey and Union of Municipalities of Cukurova. He is also a board member of the Union Council of Municipalities of Turkey, Union of Turkish World Municipalities and Directors Board of the UCLG-MEWA.

Azerbaijan Bakü State University awarded Kocamaz an honorary PhD for the Karacaoğlu Poem Nights Event and for his contributions to Turkish World. He has also received success awards from the association of historical towns, governorship associations and magazines about local management. After restoring the Nusret Mine ship, he was honored with the "Turkish World Special Service Award" by the Turkish World Foundation for Culture and Arts. Kocamaz was also awarded the "Outstanding Service Award" by Kosovo Doğruyol Teşkilatı and the "Golden Honor" by Tarsus' sister city, Langen.



## ABOUT THE CITY

TOTAL LAND AREA

**16** KM<sup>2</sup>

POPULATION SIZE

**915,700**

POPULATION DENSITY

**57,800** PER KM<sup>2</sup>



## TRANSIT MASTER PLAN: GREEN SPACE AND SUSTAINABLE ENERGY

In order to reduce traffic congestion in Mersin, a traffic transformation plan was established to develop sustainable transportation. Called the Transit Master Plan, the plan aims to save time for passengers and reduce traffic congestion through encouraging increased public transport use. To achieve this, all of the city's stakeholders such as engineers, drivers, NGOs and academics took part in a collective decision-making process to integrate multi-level junctions into the city. Through this implementation, Mersin achieved environmental and economic performance goals.

In addition to the transit master plan, the city established the City Forest of Emirler, gardens, walking trails, playfields and an

observation terrace to encourage citizens to lead healthier and more environmental-friendly lifestyles. The city also has an ongoing project to renew Kultur Park for a greener and more socially active Mersin.

In terms of waste disposal, the city generates power from waste through the Solid Waste Disposal and Recycling Plant, which provides power for 78 thousand houses. Thanks to this plant, the city is able to transform coal gas, which is 21 times more harmful and hazardous in comparison to carbon dioxide gas, to electric energy whilst creating value and use for solid waste.





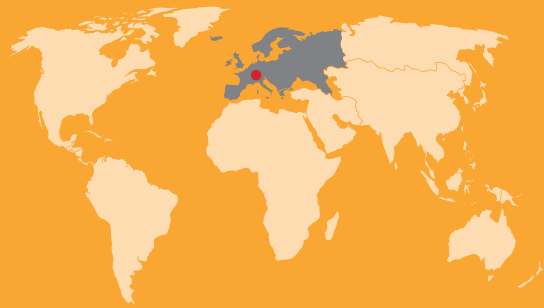
# MONTREUX

**LAURENT WEHRLI**  
Lord Mayor of Montreux

Laurent Wehrli, member of the PLR.Les Libéraux-Radicaux (FDP.The Liberals), was elected Municipal Councillor (Executive) of the Commune de Montreux in 2001 and became its mayor in 2011.

A member of the legislative assembly (Grand Conseil) of the Canton de Vaud from 2002 to 2015, he joined the Swiss National Council in 2015, where he was a member of the

Foreign Affairs Committee. He is a former editor-in-chief of a monthly business magazine and he owns a project management company which operates internationally.



## ABOUT THE CITY

TOTAL LAND AREA

**33** KM<sup>2</sup>

POPULATION SIZE

**27,200**

POPULATION DENSITY

**814** PER KM<sup>2</sup>

## CITY'S TOP PRIORITIES



**FINANCING INFRASTRUCTURE PROJECTS**



**ENVIRONMENTAL SUSTAINABILITY**



## DEVELOPING A SMART CITY THROUGH BIG DATA

Big Data is a valuable tool for 21<sup>st</sup>-century infrastructure projects, and Montreux's Big Data project illustrates how it can help maximise investments, impact lives and improve cities.

Less than three years ago, Montreux, together with three other Swiss cities, launched a Big Data project with Swisscom, the largest telecommunications operator. The project aimed to evaluate the necessity of building a new tunnel to mitigate the city's traffic congestion.

Telecom operators are in a unique position to leverage Big Data. Swisscom's 4G mobile network covers approximately 98% of the Swiss population. More than 3 terabytes of data are generated every day, enabling researchers to monitor precise mobility patterns. All interactions are monitored whenever a smartphone "talks" to a mobile communications antenna.

To complement and enrich traditional methods of gauging traffic flows, which often involve an individual person counting vehicles on

the roads, Swisscom used the data points to develop a sophisticated technique of gauging traffic flows based on time of day, seasons and location of data.

The project did not require any additional infrastructure deployment and used only a single source of data: a smartphone. Through the project, researchers transformed interactions between the mobile phone and the network into traffic indicators, which were then used to decide whether or not to build the new tunnel in the city.

It was foreseen that the tunnel was not necessary, resulting in huge cost savings as investment in the tunnel was estimated to be 150 million CHF.

This smart city project revolutionised how Swiss cities envision future infrastructure projects – using Big Data to make data-driven decisions regarding traffic flows and future infrastructure plans, helping city planners as they redesign cities to be more efficient, effective and economical.



# MOSCOW

## CHEREMIN SERGEY

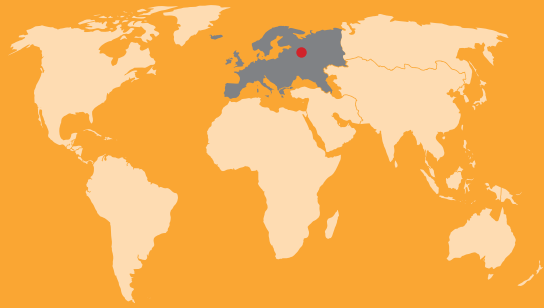
Minister, Head of Department for External Economic and International Relations, Moscow City Government; Chairman of the Board, Business Council for Cooperation with India

Cheremin Sergey obtained a degree at the Moscow State Institute of International Relations and did a postgraduate course at Moscow State University. Mr. Cheremin also studied at the New York Institute under the Investments and International Accounts Program, and Fairfield University in the USA.

From 1991 to 2003, Mr. Cheremin headed various banks. In 2004, he was appointed the Chief Executive Officer of Moscow Bank of Reconstruction and Development, and later became the Chairman of its Board.

Mr. Cheremin also served as Senior Vice-President and Head of External Relations at Joint-Stock Financial Corporation Sistema from 2005 to 2009, and later as the Deputy Chairman of the Board from 2009 to 2010.

On 8 November 2010, Mr. Cheremin was appointed Minister of the Moscow City Government, Head of the Moscow City Department for External Economic and International Relations.



## ABOUT THE CITY

TOTAL LAND AREA

**2,570** KM<sup>2</sup>

POPULATION SIZE

**12.33** MIL

POPULATION DENSITY

**4,800** PER KM<sup>2</sup>

## CITY'S TOP PRIORITIES



**HOUSING SUPPLY AND AFFORDABILITY**



**TRANSPORTATION PLANNING AND DEVELOPMENT**



## REDEVELOPING MOSCOW'S STREETS AND PARKLANDS

These projects present a radical reinterpretation of an urbanistic ideology of city development. The My Street Program is aimed at solving the problems of capital streets in the city centre, to connect pedestrian movement with comfort and safety. The Park Redevelopment project was borne out of a need for Moscow Parkland renovation, because its obsolete culture and entertainment infrastructure did not correspond to present-day needs of city residents.

Moscow's key priorities in creating a comfortable urban environment include the improvement of public space and city's external appearance, creation of "streets for people" and preservation and renovation of cultural heritage objects.

The programme involved replacement of roadbed covers, creation of additional parking spaces, landscaping of parklands and lawns at the streets, installation of lights and street furniture, as well as renovation of street navigation, pavements, rest zones, bicycle paths, etc. The project also carried out preservation and restoration of historical and cultural objects, and provided assistance in organisation of cultural and entertainment events.

Under the programme, 203 streets were improved. The project was recognised as the most large-scale transformation of the urban environment in the past 50 years. The My Street programme is supported by over 85% Moscow residents. Moscow parkland improvement resulted in considerable growth in park attendance: Extra-budgetary income of the parks rose from RUB 365.1 million (USD 12 million) to 1.8 billion (USD 26.8 billion).

The key element of the project was the development of a Consolidated Standard of Moscow streets improvement. Moscow's parkland development strategy is based on the principle of decentralisation: pursuing simultaneous park infrastructure renovation and creating prerequisites for the increase in the number of culture and entertainment events held in their territory. Similar improvements have been adopted in London, New York, etc. Thus, this project has considerable potential for replication.





# MUNICIPAL COUNCIL OF SEBERANG PERAI

## NOORHANIS BT NOORDIN

Director of Building Department,  
Seberang Perai Municipal Council

An architect by profession, Noorhanis bt Noordin is the Director of Building Department, Seberang Perai Municipal Council, since 1 December 2017.

Ms. Noorhanis was part of the team appointed by the Local Authority and the State Government to assist in the preparation of nomination dossier for the inscription of "Historic Cities of the Straits of Malacca: Melaka & George Town" as a UNESCO World Heritage Site. On 7 July 2008, the heritage status was accorded.

She is frequently invited to give presentations/ briefings on programs related to the development of heritage. She is also active with local and international agencies, attending architectural and heritage technical skills courses and development-related activities or programs both locally and internationally. For services rendered to the State, she was conferred the State Medal by the Governor of Penang in 2003 and 2013 respectively.



## ABOUT THE CITY

TOTAL LAND AREA

**740** KM<sup>2</sup>

POPULATION SIZE

**1** MIL

POPULATION DENSITY

**1,360** PER KM<sup>2</sup>

## CITY'S TOP PRIORITIES



**ENVIRONMENTAL SUSTAINABILITY**



**TRANSPORTATION PLANNING AND DEVELOPMENT**



## REGENERATING BUTTERWORTH BAHARU: A COMMUNITY-FOCUSED APPROACH

The Seberang Perai Municipal Council (SPMC) mission is to provide urban services, development and infrastructure planning that are efficient, effective and responsive to the needs of the community. This is founded upon an 8Ps approach: the People, Public, Private, Philanthropy, Philosopher and Planet Partnership.

Butterworth is a major town in Seberang Perai. The Butterworth Baharu (New) Regeneration Plan was implemented to revitalise Butterworth, in a collaboration between SPMC and Think City Sendirian Berhad, a community-focused urban regeneration organisation and subsidiary of Khazanah Nasional Berhad.

The Plan aimed to improve and activate public spaces, realise land use potential, celebrate historic Butterworth, make a culturally-vibrant and liveable city, and embed a strong sense of community and place identity. This was in line with the Sustainable Development Goals – SDGs 11 – Making Cities Inclusive, Resilient and Sustainable.

Redevelopment started in 2014 with Pekan Lama (Old Town), and later involved other areas including Harbourfront, Bagan Ajam Waterfront, and the Perai River. Existing public spaces were rebranded to retain residents and attract new populations.

Community engagement was and is still being carried out at every phase. During the brainstorming process, surveys, dialogues and workshops were conducted. Feedback from residents, visitors, traders, consumers, the surrounding communities and civil societies was considered.

Besides physical infrastructure, new community programs were also introduced, for example, Butterworth Fringe Festival, Butterworth Discovery Walk, Food Trail, and Backlane Art Work Project.

Nature conservation is also ensured through preserving water resources. The Prai River Rehabilitation Project and the Waterfront Regeneration Plan raise awareness about the role of rivers and shores in the natural eco-system, through implementing various educational, awareness and recreation programs while rejuvenating the river, the waterfront and promenade.

The SPMC believes this regeneration program and placemaking will make the city safe, green, clean and healthy in line with the tagline, Seberang Perai Aspiring City Of Tomorrow.



# MUSCAT

## KHALIFA NASSER AL-SIYABI

Director General of Projects of Muscat Municipality

Khalifa Nasser Al-Siyabi joined Muscat Municipality in the 1992 after completing his Bachelor of Engineering (Civil) from Sultan Qaboos University, Muscat. As Director General of Projects, he is responsible for the planning, design and construction of infrastructure projects for Muscat Municipality. He has attended more than 30 Conferences and Seminars around the world and has presented several papers. He works in close coordination with His Excellency the Mayor to implement policies and programmes for city planning and infrastructure development.

As a government-nominated member of the Municipal Council, he interacts with other elected Members to review citizens requirements and plans engineering solutions in future projects. He has executed several multi-million dollar projects, such as roads, highways, bridges and street lights and signalling systems. Notable projects include the Muscat Expressway, Central Corridor Project for Madinat As'Sultan Qaboos, Al-Amerat Quriyat Road, Airport Interchange, Al Khod Interchange and Wadi-Adai Al Amerat Road.



## ABOUT THE CITY

TOTAL LAND AREA

**4,000** KM<sup>2</sup>

POPULATION SIZE

**1.4592** MIL

POPULATION DENSITY

**365** PER KM<sup>2</sup>

## CITY'S TOP PRIORITIES



**FINANCING INFRASTRUCTURE PROJECTS**



**HERITAGE AND CULTURAL PRESERVATION**



## THE SEEB SEAFRONT PROMENADE: BUILDING AN INTEGRATED DESTINATION FOR ALL

The Seeb Seafront Promenade was conceptualized to develop a new identity for Al Seeb Seafront by strengthening and developing the land-water interface. The project integrates the surrounding developments and supports coastal activities with a focus on site identity, readability and circulation and connectivity, pedestrian comfort and accessibility, and sustainability and maintenance.

The beach is reinforced with a pedestrian promenade bordered with palm trees, and parking facilities have been carved out to provide more parking bays for users of the Corniche. The promenade also has high-end granite paving materials and urban furniture to enhance the elegance of the area. Plazas feature cafés, children's play areas, outdoor fitness facilities and seating space for gatherings, along with a two km bicycle path along the promenade. The beach contains shaded palm tree clusters which provide a good shade for the visitors and

a wadi park that enhances physical activity with the provision of basketballs and a pathway. There are two watchtowers for marine guards, and other facilities include public toilets and beach shower areas. Clearly, the entire stretch has become a focal point for families and friends to walk, cycle or engage in social gatherings.

The project has also extended support to Small and Medium Enterprises (SMEs), in line with Muscat Municipality's focus on building public spaces to promote sustainable visions for urban development. The 5.5km long seafront is adorned with a colourful souq, mosques, private homes, fishing huts and lively streets. Indeed, the promenade is a major surreal destination for the local community to relax and enjoy the ambience, in the laps of nature.





# NABLUS

**HIS EXCELLENCY ENG.  
ADLI RIFAT YAISH**  
Mayor of Nablus

H.E. Eng. Adli Rifat Yaish was born and raised in the City of Nablus and received a Bachelor's in Mechanical Engineering with excellence and upper honours from Liverpool University. He was first elected Mayor of Nablus in June, 2005, and re-elected in 2017. He has led the City through several years of progress, growth, balanced budgets, and improved service delivery.

He began his career in Mercedes-Benz and Bosch global automobile manufacturers in Germany, then moved back to Nablus to help set up his family business. Mayor Yaish has been an active member in many committees, including arbitration committees, Zakat' Committee and Reform committee. He has also served as the Chairman of Tadamon Organisation since 1999. Mayor Yaish participated in conferences internationally

in Geneva and Istanbul. By the time he was elected Mayor, he was part of establishing Euro-Nablus Network and the Euro-Nablus Initiative, aimed at launching a campaign to support Nablus and assist in implementing a bundle of projects that address high priority needs, in areas such as Urban Development and Strategic Planning.

During H.E. Adly Yaish' first mayoral term from 2005-2012, the Municipality of Nablus witnessed a qualitative leap in its performance, services provided to citizens, the number of projects implemented and an increase in the size and efficiency of the administrative and technical staff, who managed the projects and work of the municipality during those seven years.



## ABOUT THE CITY

TOTAL LAND AREA

**28 KM<sup>2</sup>**

POPULATION SIZE

**185,000**

POPULATION DENSITY

**6,610 PER KM<sup>2</sup>**

## CITY'S TOP PRIORITIES



**WATER MANAGEMENT AND SANITATION**



**HERITAGE AND CULTURAL PRESERVATION**



## INTRODUCING WASTEWATER TREATMENT PLANTS AND SEWAGE NETWORKS

Nablus Municipality has exerted tremendous efforts to protect the environment since the nineties, having established wastewater treatment plants (WWTP) at Nablus West near Deir in 1998. This would aim to eliminate odors and epidemic diseases caused by flowing wastewater, protect surface and groundwater from pollution, use treated wastewater for irrigation purposes, and prevent farmers from using untreated wastewater in irrigation.

Co-financed by the Federal Republic of Germany through the German Development Bank (KfW), the WWTPs were established to improve the Municipality's supply of drinking water and preserve public health. Through a joint collaboration between the Municipality, Joint Venture Passavant Reodiger and Kinetics, Lahmeyer International and Hijjawi as consultants, and the Engineering Centre for design

and supervision, the WWTP was put into operation in July 2013 with operational assistance to provide training for the plant's staff by the contractor.

Today, the amount of wastewater treated daily is estimated to be 10,000 m<sup>3</sup>. However, the daily flow capacity is expected to reach up to 14,000 m<sup>3</sup> in the year 2020, with treated wastewater which fully complies with the Palestinian Water Authority and Ministry of Agriculture Technical Instructions for reuse by 150,000 individuals. The WWTP will also provide a 12km main sewer line spanning from Nablus City to the WWTP, a storm water tank, pretreatment units for industrial use, treated wastewater for irrigation and reuse schemes to the municipality.



# NEDLANDS

**MAX HIPKINS**  
Mayor of Nedlands

Max Hipkins is a qualified town planner and architect from the University of Melbourne. He also received a Post-Graduate Diploma in Public Administration from the Western Australian Institute of Technology, and a Master of Science in Environmental Engineering from the Civil Engineering Department of the University of Washington.

For three years, he served as the Chairman of Directors of Davyhurst Mining NL before joining the local government in the late 1990s as Director of Planning Services for the City of Nedlands. He later moved on to be Director of Planning for the City of Perth. In 2008, he became a Councillor at a by-election on a platform of protecting the quality of his suburb from unrealistic planning proposals. As a Councillor, Max applied his planning and design skills to assess development application, policy preparation,

strategy formulation, conservation of heritage assets and State Administrative Tribunal (SAT) reviews. He has championed the value of Nedlands as a quality residential area and argued against inappropriate amalgamation with adjoining local governments.

In the October 2009 local government election, Max was elected by his fellow Councillors as Deputy Mayor, a position he held until October 2011 when he was elected as Mayor. Max was re-elected Mayor in 2015, and will continue his term until 2019. Mayor Max has worked full time to further the interests of local residents, gaining more money for the arts and road maintenance, assisting sustainability groups and devoting energy to resolving long standing issues with healthcare and elderly needs.



## ABOUT THE CITY

TOTAL LAND AREA

**5 KM<sup>2</sup>**

POPULATION SIZE

**10,200**

POPULATION DENSITY

**1,920 PER KM<sup>2</sup>**

## CITY'S TOP PRIORITIES



**FINANCING INFRASTRUCTURE PROJECTS**



**TRANSPORTATION PLANNING AND DEVELOPMENT**



## BUILDING A PLAY AREA FOR ALL: REGARDLESS OF AGE OR ABILITY

The All Abilities Play Space is based on a big idea to bring people of all ages together through play. It is a large-scale, innovative, state-of-the-art play facility that has been purpose-designed to meet everyone's needs regardless of age or ability. The first of its kind on this scale in Western Australia, the All Abilities Play Space is located at Beaton Park on the Nedlands foreshore of the beautiful Swan River. This iconic location has already been well-known as a play area for the whole of Perth, attracting locals and visitor alike. The new facility covers 10,000m<sup>2</sup> and has been carefully built around and under existing trees.

After years of planning, preliminary works on the \$A4 million community-driven project started in January 2017. The project has brought together unique community collaborations between the City

of Nedlands, the local Rotary club and private sector companies. The facility has been designed by award-winning landscape architect Fiona Robbé, after facilitating intensive community consultations with children, parents, seniors and people with disability of all ages. Over the past year, work has continued on features including: a sensory walkway, flying fox, active climbing, decks and slide, active swinging, accessible picnic areas, a community garden and kitchen, an informal sports and games area, exercise equipment, ramps and relaxation areas, parking (including ACROD bays), accessible toilets and nature, music, sand and water play areas. The play space will be opened to the public in June 2018, with the final stage expected to be completed by early 2019.





# NEW TAIPEI CITY

**H.E. DR. ERIC LILUAN CHU**  
Mayor of New Taipei City

H.E. Dr. Eric Liluan Chu is the first and the incumbent Mayor of New Taipei City, since the city was upgraded and reorganised from its former entity Taipei County in 2010.

Before being elected to his current position, H.E. Dr. Chu had served as the Vice Premier of the Executive Yuan, the Mayor of Taoyuan County, an elected member of Legislative Yuan, and as a professor of National Taiwan University.

H.E. Dr. Chu and his administration have put forward transformative innovative policies to build a city

to cope with urban challenges, including energy, demography, economic development and urban revitalisation, among others. These reform programs have yielded successful results, and have been recognised nationally and internationally, including the Intelligent Communities Forum award for Smart City projects, as well as by the Financial Times and International Finance Corporation (of the United Nation's World Bank) for New Taipei City's "excellence in city-led transformation" in 2016.



## ABOUT THE CITY

TOTAL LAND AREA  
**2,050** KM<sup>2</sup>

POPULATION SIZE  
**3.987** MIL

POPULATION DENSITY  
**1,940** PER KM<sup>2</sup>

## CITY'S TOP PRIORITIES



**HOUSING SUPPLY AND AFFORDABILITY**



**ENVIRONMENTAL SUSTAINABILITY**



## ENGAGING AN AGEING COMMUNITY: "EATING WITH FRIENDS" PROGRAM

By the end of 2017, the number of residents in New Taipei City aged 65 and above had risen to 502,397, accounting for 12.6% of the city's total population. At this rate, New Taipei City will develop into an aged society within four years.

Multiple actions have been taken to address this challenge. The "Eating with Friends" program was undoubtedly one of the most successful demonstrations. The program was noted for its novelty in community-centered implementation, large-scale grassroots participation, and zero spending of taxpayer funds. It won bronze in the Socio-economic Category of the International Awards for Liveable Communities.

"Eating with Friends" began with the simple idea of "the more, the merrier." Eating in a group is an enjoyable experience that can bring older adults together. The original aim of the program, and now its legacy, was to help older people at risk of loneliness and isolation build social contacts, by stepping out of their secluded homes and interacting with others on a daily basis.

The New Taipei City government implemented the program in partnership with community-based organisations. Organisations involved in the project included community development associations, local authorities, community colleges for older adults, religious organisations, apartment/building management committees, restaurants, and more.

Since it was initiated in 2013, 5.8 million residents have participated in related activities, 896 dining sites across the entire metropolis have been established, and at least 454 restaurants have supported the program. Since 2017, the program has evolved into a new level for facilitating initiatives designed to reduce food waste.

In conclusion, the program has promoted the mental health of the elderly population, spurred community revitalisation and proved that private-public-people partnerships can compensate for limited public resources.



# PANAMA CITY

## RAISA BANFIELD

Vice Mayor of Panama City

Raisa Banfield currently serves as Vice Mayor of the Panama City, with the title: Manager of New Projects (Master Plan for Development of Panama City).

She is an architect by profession and has spent many years and much effort to protect the environment. From 2007-2010, she served as Co-Founder and Executive Director of the Centre for Environmental Advocacy. In 2010, she founded Sustainable Panama (STEPS), an organisation that promotes alternatives to counteract harmful practices to the environment, and is currently its President.

As an environmental activist, she has a powerful voice in the protection of ecosystems at risk in Panama, preserving natural resources and the human interaction with the environment. She believes that the socio-economic development of Panama should be linked to environmental protection, so development and protection are complementary rather than conflicting.



## ABOUT THE CITY

TOTAL LAND AREA

**2,600** KM<sup>2</sup>

POPULATION SIZE

**880,700**

POPULATION DENSITY

**4,300** PER KM<sup>2</sup>

## CITY'S TOP PRIORITIES



ENVIRONMENTAL SUSTAINABILITY



WATER MANAGEMENT AND SANITATION



## REORGANISING AND REVITALISING PUBLIC SPACE IN PANAMA CITY

In recent years, in Panama City, there has been aggressive and disorderly urban growth. This has resulted in the deterioration of the urban environment, habitat, and housing, mainly among the most impoverished social sectors. However, the central areas have been relegated from this compass of development, which has pronounced the processes of depopulation and degradation, reducing the quality of life of its inhabitants.

The project of reorganisation and revitalisation of public space in Panama City, conceived within the framework of the Emerging and Sustainable Cities Initiative in cooperation with the Inter-American Development Bank (IDB), was born as a response to this problem.

Taking into account factors such as the decrease in the quality of life of its inhabitants, historical value, and architectural beauty, the project

was applied to the following areas of Panama City: Central Pedestrian Avenue, The Embankment, Bajada de Salsipuedes, and Central Avenue Calidonia.

In these areas, informal commerce, which developed in public spaces, predominated and hindered the free transit of people. In these informal trade posts, anomalies were detected, including: contraband items, sales of illicit substances, clandestine dormitories, evasion of taxes, kiosks in poor condition, counterfeit products, among others.

The establishment of communication between the Municipality of Panama and the informal merchants represented a fundamental step for the achievement of this project. In this way, the merchants were made aware of the proposals for better spaces and working conditions, which resulted in the recovery of public spaces for pedestrians.





# PENGHU COUNTY

**LIN JIE-SING**

Vice County Mayor of Penghu County

The Vice County Mayor Lin Jie-Sing received a B.S. degree in Economics from Tunghai University, M.S. degree in Management and Ph.D. degree in Economics from the University of Manchester. He was the Chairman and Dean of Department of Public Policy and Management at Ishou University, Vice Dean of the Ishou International School, Director of the Center for General Education, Director of

the Research Center for Regional Governance and Development and Director of the Taiwan Association for Schools of Public Administration and Affairs. His interests include public policy, regional governance and industrial economy. He is currently the Vice County Mayor of Penghu County Government, helping the County Mayor with decision-making and administrative affairs.



## ABOUT THE CITY

TOTAL LAND AREA

**128** KM<sup>2</sup>

POPULATION SIZE

**104,100**

POPULATION DENSITY

**813** PER KM<sup>2</sup>

## CITY'S TOP PRIORITIES



ENVIRONMENTAL SUSTAINABILITY



TRANSPORTATION PLANNING AND DEVELOPMENT



## BALANCING TOURISM AND ECOLOGICAL PROTECTION

Consisting of approximately 90 islands over a sea area of 7,936km<sup>2</sup>, Penghu was traditionally an economic base fueled by fishing.

Today, Penghu is devoted to encouraging tourism investment and economic development. This can be seen in the establishment of renowned tourist destinations such as Four Points by Sheraton Penghu, Ever Rich's Discovery Hotel, Penghu's First Yacht Marina and the Preservation and Reuse of Military Dependents' Village. In 2016, the number of visitors to the city reached one million, providing new job opportunities in the tourism industry.

At the same time, Penghu remained committed to rehabilitating and preserving its marine ecology. To restore marine resources, the city releases more than a million marine fish seedlings annually, plants coral reef colonies, prohibits illegal fishing, saves green sea turtles and clears discarded fishing nets. Working in collaboration with non-governmental organisations, coastal cleanups are also facilitated frequently.



# PEOPLE'S COMMITTEE OF BÌNH DƯƠNG PROVINCE

## H.E. TRAN THANH LIEM

Deputy Secretary of Binh Duong Party Committee and Chairman of Binh Duong People's Committee

H.E. Tran Thanh Liem has served as the Deputy Secretary of Binh Duong Party Committee and Chairman of Binh Duong People's Committee since December 2015.

H.E. Tran Thanh Liem graduated with a Bachelor's degree in Law. From October 2010 to December 2013, he served as a Member of the Provincial Party

Committee, the Secretary of Thuan An Town Party Committee, and the Chairman of Thuan An Town People's Council. He later served as a Member of the Standing Board of Provincial Party Committee and Vice-Chairman of Binh Duong People's Committee, before taking his current position.



## ABOUT THE CITY

TOTAL LAND AREA  
**2,700** KM<sup>2</sup>

POPULATION SIZE  
**1.9** MIL

POPULATION DENSITY  
**630** PER KM<sup>2</sup>

## CITY'S TOP PRIORITIES



**FINANCING INFRASTRUCTURE PROJECTS**



**TRANSPORTATION PLANNING AND DEVELOPMENT**



## MOVING TOWARDS INDUSTRIALISATION AND MODERNISATION: VIETNAM-SINGAPORE INDUSTRIAL PARK

The idea behind Vietnam Singapore Industrial Park (VSIP) was initiated by the Governments of Vietnam and Singapore in 1994. Shortly after, Becamex and Sembcorp Development formed a joint venture to establish this first-of-its-kind industrial park in southern Vietnam's Binh Duong province, offering products and services on par with international standards.

Before VSIP, agriculture accounted for over 56% of Binh Duong's economy. While it had potential for further economic growth, its production capacity was limited and land was not effectively utilised for long-term development.

VSIP catalyzed new investments, while industrialising rural areas in Binh Duong. Key highlights include the development of My Phuoc and Bau Bang industrial parks, and a planned urban township at Binh Duong New City with an integrated Political Administration Centre. VSIP also connected economic zones and regions via the Binh Duong Boulevard and the strategic My Phuoc-Tan Van roadway.

VSIP has contributed to Binh Duong's transformation from an

agricultural province to a thriving industrial province. Binh Duong now has 29 industrial parks, attracting 23,000 investors - including 3,386 Foreign Direct Investment projects with total registered investments of US\$30.8 billion. By late 2017, Binh Duong's economic structure had seen a spectacular reversal, with industrial and services sectors forming 96.3% of the economy, and agriculture only 3.7%. VSIP built the foundation for Singaporean direct investment into Vietnam, and today Singapore is one of Vietnam's leading investors.

Over the past twenty-two years (1996 - 2018), VSIP has become a model for integrated township and industrial zones with 7 projects across Vietnam, which link modern infrastructure and flexible business models with enhanced social security and welfare systems for residents and surrounding communities. VSIP has attracted 780 customers from 30 economies, more than US\$11 billion of investments and created about 210,000 jobs.

VSIP has been named "Best Developer, Industrial and Warehouse, Overall in Vietnam" by UK's Euromoney for years.







# PEOPLE'S COMMITTEE OF HANOI

**NGUYEN VAN SUU**

Vice Chairman, People's Committee of Hanoi

Mr. Nguyen Van Suu, 57 years old, is currently the Permanent Vice Chairman of Hanoi People's Committee (as Vice Mayor of Hanoi) and has been a Member of Hanoi People's Council (since 2011).

He holds a PhD degree in Finance & Banking and has worked for over 30 years in the public administration, with involvement in planning, investment, finance, industry, trade and agriculture.

From 1985-1996, he served as an official at the Hanoi Department of Planning and Investment, and later as Deputy Director General (1999-2003) and Director General (2008-2011). He has also served as the Vice-Chairman of the People's Committee of Thanh Xuan district, and the Chairman of the People's Committee of Hai Ba Trung district.



## ABOUT THE CITY

TOTAL LAND AREA

**3,300** KM<sup>2</sup>

POPULATION SIZE

**7.68** MIL

POPULATION DENSITY

**2,300** PER KM<sup>2</sup>

## CITY'S TOP PRIORITIES



**FINANCING INFRASTRUCTURE PROJECTS**



**TRANSPORTATION PLANNING AND DEVELOPMENT**



Photo Credit: Luu Quang Minh, Unsplash

## ESTABLISHING AN INTELLIGENT OPERATIONS CENTRE IN HANOI

This project establishes an Intelligent Operations Centre which includes the following functional centres: the Centre for the Supervision of Information Security and Safety; Support Centre for IT staff of the City; Centre for Management of Press Information and Communication Information; Centre for Traffic Supervision, Traffic Control and Prevention of Crimes in Public; Data Analysis Centre; Q & A for people; Centre for Management of Public Administrative Services; Centre for Reception and Processing of Emergency Information, Fire Prevention, Search and Rescue, Rescue, and Medical Services.

Financial support is not the priority, rather, the priority is technical support regarding how best to design and deliver a Intelligent

Operations Centre for Hanoi. The project would ideally be delivered by a private sector specialist through a public-private partnership or similar arrangements, perhaps de-risked with some donor grant funds.

This would result in a more efficient city, reduce the number of offences, improve the effectiveness of rescue and fire fighting, and provide more information to the people. Overall, the people's satisfaction will improve.



# PEOPLE'S COMMITTEE OF QUANG NGAI PROVINCE

## H.E. NGUYEN TANG BINH

Standing Vice Chairman of Quang Ngai  
Provincial People's Committee

H.E. Nguyen Tang Binh has served in state administrative agencies since 1986. His leadership positions include Research Officer of Office of the Quang Ngai Provincial People's Committee, Vice Director of Land Administration Department, Vice Director of Natural Resources and Environment Department, and Director of Natural Resources and Environment Department.

He was elected to the Quang Ngai Provincial Party Executive Committee as the Director of Natural Resources and Environment Department in October 2008, and became the Chairman of the People's Committee

of Quang Ngai City, Quang Ngai province in November 2010.

H.E. was elected as the Member of the Standing Committee of the Quang Ngai Provincial Party Committee, serving as Secretary of the Party Committee of Quang Ngai City, Quang Ngai province cum Chairman of the People's Council of Quang Ngai City. From 8<sup>th</sup> December 2017 to present, he served as a Standing Vice Chairman of the Quang Ngai provincial People's Committee and member of Standing Committee of the Quang Ngai provincial Party Committee.



## ABOUT THE CITY

TOTAL LAND AREA

**5,140** KM<sup>2</sup>

POPULATION SIZE

**1.3** MIL

POPULATION DENSITY

**240** PER KM<sup>2</sup>

## CITY'S TOP PRIORITIES



**ECONOMIC GROWTH AND JOB CREATION**



**ENVIRONMENTAL SUSTAINABILITY**



## THE ROAD TO TRANSFORMATION AND DEVELOPMENT: VSIP QUANG NGAI

Officially kicked off in mid-September 2013, the VSIP Quang Ngai Industrial & Urban & Services Complex is expected to become the leading destination for domestic and foreign investors, transforming Quang Ngai into a modern-oriented industrialized province by 2020.

VSIP Quang Ngai is a joint venture between Vietnam and Singapore Industrial Park (VSIP), between a Becamex IDC Corporation and Singaporean investors alliance led by Sembcorp. Upon completion, VSIP aims to develop 316 hectares of industrial land and 100 hectares of urban land and services land. This is expected to attract about 2 billion USD of investment and create jobs for 35,000 employees, including foodstuffs-beverages, garments, FMCG, electronics components and light industries in the oil, gas and chemical sector.

With its strategic position in the key economic region of Central Vietnam near various amenities such as the Chu Lai Airport, the railway, the national highway and the deep water port, it offers the highest investment incentive policies with the "one-stop" procedures for investors, the abundant labor forces and the infrastructure model of a Vietnam-Singapore Industrial Park with a large and long-term land fund. VSIP Quang Ngai has indeed been providing the domestic and foreign investors with effective and successful investment opportunities.





# QUELIMANE

**DR. MANUEL DE ARAÚJO**  
Mayor of Quelimane Municipality

Manuel de Araújo has served as Mayor of Quelimane City (Municipality) since 2011. Previously, he worked for Amnesty International (Headquarter in London, UK) both as Campaign Coordinator for the Human Rights and Policing Project in 14 countries, and as a Campaigner for the Portuguese and Spanish speaking African Countries (Angola, Equatorial Guinea, Guinea Bissau, Cape Verde). He has also served as a member, board member and Vice-president of several global organisations such as Parliamentarians for Small Arms (Stockholm).

Dr. Araújo holds a PhD in International Development from the University of East Anglia and two master degrees, one

from the University of London (SOAS) MSc in Development Studies, and another from the University of Zimbabwe.

He is fluent in several international languages, namely Portuguese, English, Spanish and French, and also has a working knowledge of Italian. He lectured in Economics (Macro and Micro), Development Studies, International Relations, Theory and Comparative Foreign Policy at several universities such as Pedagogic University, Higher Institute for International Relations (ISRI), Mozambican Higher Institute for Science and Technology (ISCTEM) and the A Politecnica University. Currently, Dr. Araújo is a lecturer at Catholic University.



## ABOUT THE CITY

TOTAL LAND AREA

**117** KM<sup>2</sup>

POPULATION SIZE

**350**

POPULATION DENSITY

**3** PER KM<sup>2</sup>

## CITY'S TOP PRIORITIES



**CLIMATE CHANGE IMPACT**



**WATER MANAGEMENT AND SANITATION**



## BUILDING CLIMATE-RESILIENT URBAN CITIES

Quelimane Municipality has partnered with the USAID-funded Coastal City Adaptation Project (CCAP) for five years, with a goal to increase climate resilience in selected Mozambican coastal cities and achieve the three integrated objectives described below.

The first objective focuses on improving the municipal provision of climate-resilient urban services by upgrading the capacity of municipal authorities to plan, manage and lead climate change adaptation (CCA) and reduce or mitigate disaster risk (DRR/M). The plan will bolster participatory mechanisms to prioritise adaptation options, which combine technical and credible scientific analysis with the engagement of vulnerable communities. This will aid in diagnosing problems and designing specific interventions to ensure that the Municipalities' plans are technically reliable, locally responsive and resource efficient.

Climate resilience measures will also be conceptualised to increase community resilience and social cohesion in the face of climate

change. Through assisting Mozambican institutions to establish enduring partnerships and build networks with centres of global climate change expertise, the plan is anchored on developing climate change resilience, a knowledgeable generation and resource sharing. This will also develop practical and cost-effective CCA and DRR/M options to deliver trainings that equip individuals and organisations with the skills to enhance resilience within their local areas.

In addition, access to risk-pooling measures such as insurance products and contingency funds will be improved through broad engagement with the public and private sector actors to build economic risk-management tools. As an area which is cyclically affected by drought and floods, neighbourhood trainings in Quelimane Municipality have catalysed success in protecting residential communities and restoring mangrove tree populations.



# RABAT

**HIS EXCELLENCY MOHAMED SADIKI**  
Mayor of Rabat

H.E. Mohamed Sadiki, Mayor of Rabat Municipality, received a certificate in Civil Engineering from Hassania School of Public Works in Casablanca, a degree in Engineering from the Mohammedia School of Engineers in Rabat, and a Master's degree in Public Administration from the Higher Institute of Commences and Management ESSEC in Paris.

He worked as a State Engineer in the civil engineering department before taking on several leadership roles in the private sector, including acting Director of Reserves and Director of Purchase and Logistics at Redal, a private company which provides electricity and water services in Morocco. In 2014, H.E. Sadiki became the Director of

Morocco's Ministry of Equipment, Transport and Logistics before he was elected as the Mayor of Rabat Municipality in 2015. H.E. Sadiki also served as a municipal councilor for the urban community of Rabat and regional advisor and vice-president for the regional council of Rabat-Salé-Kénitra.

In addition to his professional duties, H.E. Sadiki lectures at the Higher Institute of Commerce and Business Administration ESSEC, and at the International University of Rabat UIR about delegated water management, electricity and disinfection services. He has professional working proficiency in French, Arabic, Spanish and English, and can also speak Amazigh.



## ABOUT THE CITY

TOTAL LAND AREA

**120** KM<sup>2</sup>

POPULATION SIZE

**650,000**

POPULATION DENSITY

**4,880** PER KM<sup>2</sup>

## CITY'S TOP PRIORITIES



**FINANCING INFRASTRUCTURE PROJECTS**



**HOUSING SUPPLY AND AFFORDABILITY**



## PIONEERING RECYCLING: WASTE SEPARATION AND VALUE GENERATION

Coined as Morocco's recycling pioneers, Co-operative Attawafouk was grounded on an effort to raise awareness of the undesirable impacts of mixed refuse and unofficial refuse dumps.

Based in Rabat, the co-operative aimed to establish an integrated management and sustainable waste system through the deployment of human and material resources to educate citizens on recycling, and waste sorting at the source. This was aided with detailed analyses and flow data on the daily tonnage, collection and recovery statistics on household and similar waste.

Emphasis was also placed on improving the living standards and working conditions of informal waste workers, who collect and transport the

waste. The co-operative integrated waste workers in a system of social guarantees, covering areas such as retirement, health insurance and fixed salaries.

As a result of the co-operative, reliable data on the composition of household waste was collated and the average composition of recyclable materials in household refuse could be identified. This aided in the development of recycling channels for various materials such as glass, plastic, paper, cardboard and metals to be reused as value-added resources.





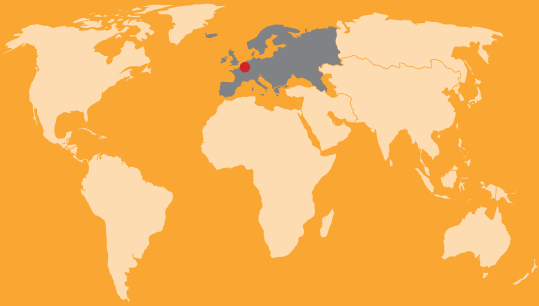
# ROTTERDAM

**AHMED ABOUTALEB**  
Mayor of Rotterdam

Ahmed Aboutaleb, born in Beni Sidel, Morocco, has been Mayor of Rotterdam since 2009. Previously, he represented the PvdA Labour Party as State Secretary for the Ministry of Social Affairs and Employment in the fourth Balkenende cabinet from 2007-2008.

In the mid-1980s, Aboutaleb started his career in journalism before moving to the public service in 1991, holding positions with the Ministry of Welfare, Health and Culture, the Social and Economic Council of the Netherlands (SER) and Statistics Netherlands (CBS). In 2002, he became Director of the City of Amsterdam's Sector of Social, Economic and Cultural Development (MEC).

Mayor Aboutaleb strongly advocates the values enshrined in the Dutch Constitution: freedom of religion, freedom of speech and the principle of non-discrimination. In his view, obtaining Dutch citizenship entails the responsibility to respect and uphold those values and take part in building the We Society. The more people that take part in these values, the stronger and more resilient that society will be, both in good and bad times. He regularly takes neighborhood strolls throughout Rotterdam to have talks with residents about their concerns.



## ABOUT THE CITY

TOTAL LAND AREA

**319** KM<sup>2</sup>

POPULATION SIZE

**634,000**

POPULATION DENSITY

**1,980** PER KM<sup>2</sup>

## CITY'S TOP PRIORITIES



**HOUSING SUPPLY AND AFFORDABILITY**



**ENVIRONMENTAL SUSTAINABILITY**



## THE FOOD GARDEN: PROMOTING A SUSTAINABLE AND HEALTHY URBAN SOCIETY

The Food Garden was founded in August 2010 to supply the Food Bank Rotterdam (an organisation that delivers free food packages to low-income households) with fresh and healthy vegetables and fruits. This goal has since been achieved as the Food Garden has produced large amounts of vegetables that are put into food packages distributed by the Food Bank. The Food Garden champions a sustainable urban society without poverty and social exclusion, with healthy food for everybody.

The Food Garden is in fact, not a normal garden. It is a garden where the cooperation between people and nature is central. The Food Garden is designed in such a way that ensures both ecological sustainability and economic viability. No fertilizer and chemical pesticides are used, and there is enough space for different crops and species to

grow simultaneously. Environmental assets are used optimally, which improves local biodiversity (e.g. bird life, insects, soil conditions, small mammals). This 'happy' ecosystem results in maximum yield for the people. The harvest not only consists of vegetables and fruit, but also (medicinal) herbs.

Indeed, the garden has proved to be more than a social initiative, where citizens contribute to the production of seasonal vegetables. Together with users and other stakeholders, an area plan has also been developed for the design of the garden. Located on a vacant lot in a port area, it is an active player in developing the area into an 'urban platform where port & the city and knowledge & experience meet'. Despite facing several social, ecological, political and spatial challenges initially, it turned out to be a remarkable project in the end.





# SANTIAGO DE CALI

## NATALIA OVIEDO MEZA

Director, International Affairs,  
Mayor's Office, Santiago de Cali,  
Colombia

Natalia Oviedo holds a Master's degree in International Affairs with a major in Political and Economic Development from the School of International and Public Affairs at Columbia University

Since January 2017, as the Director of the Office for International Affairs, her mission is to promote the plans and major projects of the municipality with external stakeholders, manage resources for them and strengthen ties with other nations and multilateral organisations.

Natalia has over 13 years of work experience in public and international affairs, most notably in the management and

development of projects focused on peacebuilding as well as economic, social and political development in Colombia and the United States.

Her previous experiences include working with the United States Agency for International Development (2015-2017) in coordination with the Colombian Government for the development of high impact projects with vulnerable populations in conflict zones; and leading the International Affairs Office at the Colombian Government's Agency for Reintegration of Excombatants (2012-2015).



## ABOUT THE CITY

TOTAL LAND AREA

**560** KM<sup>2</sup>

POPULATION SIZE

**2.395** MIL

POPULATION DENSITY

**4,300** PER KM<sup>2</sup>

## CITY'S TOP PRIORITIES



**ECONOMIC GROWTH AND JOB CREATION**



**TRANSPORTATION PLANNING AND  
DEVELOPMENT**



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## ENGAGING THE COMMUNITY THROUGH MESAS DE CULTURA CIUDADANA PARA LA PAZ (TABLES OF CIVIC CULTURE FOR PEACE)

In postwar Colombia, victims and former combatants have migrated to urban centres like Santiago de Cali, straining existing community relations and driving an increase in violence. In Cali, the homicide rate rose to more than 60 per 100,000 people, one of the highest in the world. Moreover, 70% of citizens expressed disinterest in civic participation.

In 2017, the Department of Peace and Civic Culture was created to design and implement policies and programs for violence prevention, conflict resolution, and securing human rights. Because trust in government was low, the department decided to empower citizens to help. The office developed Mesas de Cultura Ciudadana para la Paz (Tables of Civic Culture for Peace), councils consisting of citizens who design and implement programs to build trust and reduce violence in their communities. The city supports the mesas by supplying tools (like grass cutters or trash bags), helping members request funding or supplies from city departments, and assisting with planning and problem-solving.

The mesas have begun to reclaim their neighbourhoods from violence and drug activity. In less than two years, mesas have launched over 200 initiatives in 15 districts, engaging more than 450 citizens and benefitting over 15,000 residents. They have rehabilitated public spaces previously used for drug activity, and created campaigns reducing illegal dumping. Mesas have organised soccer tournaments involving former gang members, dance classes for at-risk youth, photography exhibits, and environmental education programs. All participants sign a declaration of peace.

This strategy is helping to create a safer, more cohesive society. Illegal dumping and drug activity have reduced. Between 2016 and 2017, the homicide rate dropped by 4.9 percent, resulting in the lowest rate in 25 years. The number of people involved in the councils continues to grow, as does the sense of a shared vision for the city and its future among the residents of Cali.





# SIAYA COUNTY

**HIS EXCELLENCY CORNEL  
RASANGA AMOTH**  
Governor of Siaya County

H.E. Cornel Rasanga Amoth received a Bachelor of Arts Degree in Economics, and a Bachelor of Laws Degree from the University of Nairobi. He has over 28 years of experience in public administration, and has provided expert advising and legal interpretation on public

procurement. He was elected as the first Governor of Siaya County, Kenya in 2013. During the August 2017 general election, H.E. Cornel Rasanga Amoth was re-elected for a second term, and is currently serving as the Governor of Siaya County.



## ABOUT THE CITY

TOTAL LAND AREA

**67** KM<sup>2</sup>

POPULATION SIZE

**50,000**

POPULATION DENSITY

**333** PER KM<sup>2</sup>

## CITY'S TOP PRIORITIES



**ECONOMIC GROWTH AND JOB CREATION**



**HOUSING SUPPLY AND AFFORDABILITY**



## TRANSFORMING SIAYA COUNTY INTO A METROPOLIS

The Kenya Urban Support Programme (KUSP) is a World Bank-sponsored programme facilitated by the Kenya National Government's Ministry of Infrastructure, Transport, Housing and Urban Development. The program aims to build the capacity to establish urban institutions and facilitate infrastructural developments in municipalities within 45 counties in Kenya.

The five-year programme is projected to cost approximately \$1 billion. Currently, the Kenya government has only received \$300 million to facilitate the program, with \$2.9 million allocated to the Siaya municipality. In the initial phase, the programme will mainly focus on urban capitals as a start.





# SINGAPORE CENTRAL DISTRICT

## DENISE PHUA

President, Autism Resource Centre (S)  
and Mayor, Central Singapore District

Denise Phua is the President of the VW0, Autism Resource Centre (Singapore), a Member of Parliament for Jalan Besar Group Representation Constituency and Mayor, Central Singapore District.

Denise is best known for her advocacy for those who are at risk of being left behind in Singapore, and frequently speaks up for the disabled and Singaporeans with low-skilled and low-income backgrounds. She is one of the key architects behind three 5-year Enabling Masterplans for the Disabled in Singapore. An active volunteer, Denise supervises two charities – Autism Resource Centre (Singapore) and Autism Association (Singapore), and two special schools – the Pathlight School and the Eden School. She is the Co-Founder of Pathlight School, and helped start The Purple Parade, an annual parade to support inclusion and

showcase abilities; and The Purple Symphony, an inclusive orchestra.

Prior to her current portfolio, she acquired more than 20 years of local and overseas corporate management experience in Hewlett-Packard, the Wuthelam Group and founded the Centre for Effective Leadership (Asia). She is a winner of the 2005/6 “Great Women of Our Times, Education and Public Service Category” awarded by Singapore Women’s Weekly. She gave up her corporate career in 2005 to become a full-time special needs volunteer before being approached to join politics in 2006. She currently chairs the Government Parliamentary Committee (GPC) for Education and is a member of the GPC for Social and Family Development.



## ABOUT THE CITY

TOTAL LAND AREA

**120** KM<sup>2</sup>

POPULATION SIZE

**893,500**

POPULATION DENSITY

**7,400** PER KM<sup>2</sup>







# SINGAPORE NORTH WEST DISTRICT

**DR. TEO HO PIN**

Mayor of North West District

Dr. Teo Ho Pin is the Mayor of North West District in Singapore and Member of Parliament for Bukit Panjang Constituency.

As the Mayor, he is responsible for implementing Community Development Programmes for 880,000 residents living in the North West District. He has been involved in Community Development work for more than 30 years.

As the Chairman of the Holland-Bukit Panjang Town Council, and the Coordinating Chairman of 15 People's Action Party Town Councils in Singapore, he takes charge

of township management for about 1 million public housing flats.

Dr. Teo graduated in 1985 with an Honours degree in Building from the National University of Singapore and thereafter obtained his Doctorate degree (Building) from Herriot Watt University.

In 1991, Dr. Teo was seconded to be the Chief Executive Officer of Jurong Town Council. He was subsequently elected as a Member of Parliament for Sembawang Group Representation Constituency in 1996.



## ABOUT THE CITY

TOTAL LAND AREA

**120** KM<sup>2</sup>

POPULATION SIZE

**893,500**

POPULATION DENSITY

**7,400** PER KM<sup>2</sup>

## CITY'S TOP PRIORITIES



**ECONOMIC GROWTH AND JOB CREATION**



**CLIMATE CHANGE IMPACT**



## CREATING A CARING AND HEALTHY COMMUNITY

North West CDC works towards the vision of a Caring and Healthy Community.

In 2017, 44,000 beneficiaries were supported through 18 local assistance schemes, ranging from food aid, utilities assistance to emergency relief and student assist/wise programmes.

Residents are encouraged to stay healthy through six Healthy Living @ North West programmes. With the help of about 700 volunteers, around 300 healthy living clubs involve over 80,000 members in the district.

The Green Living @ North West initiative seeks to foster a vibrant green living culture in the district. A key green initiative includes ECO CC @ North West, which promotes green living in the community by transforming Community Clubs into Centres of Green Living. Hardware and software solutions are implemented to achieve energy and water efficiency, and drive behavioural change towards environmental

sustainability through green workshops and activities. Stakeholder communication efforts are improved with a Sustainability Report. The Report references the Global Reporting Initiative (GRI) Standards – a universal reporting framework – to ensure clear communication of sustainability efforts. This seeks to inspire and to demonstrate the planned and transparent approach in advancing towards sustainability goals.

To help Singaporeans better understand the importance of SkillsFuture (a skills upgrading scheme), career planning and skills upgrading, the SkillsFuture Advice @ North West was launched on 10 Dec 2017, rolling out a series of workshops, roadshows and outreach programmes. With the support of 200 partners and 21 Community Clubs, SkillsFuture Advice Workshops are conducted to help residents better understand the future economy and the importance of embracing lifelong learning to plan their career and pursue their passion.



# SORSOGON CITY

**HONOURABLE SALLY ANTE LEE**  
Mayor of Sorsogon City

For thirty years, Hon. Sally Ante Lee worked as an accountant and served as First Lady to her husband Atty. Raul R. Lee, who was Mayor of the Municipality of Sorsogon, and eventually the Governor of the Province of Sorsogon. With no first-hand experience in the government, Hon. Lee ran for Mayor of Sorsogon in 2000, and was elected for two consecutive terms from 2001 till 2007. In 2010, she became the first female Governor of the Province of Sorsogon before returning to serve as the Mayor of Sorsogon City for a third term. Her passionate leadership has transformed Sorsogon City into a liveable and sustainable home, globally known for its good governance practices.

What was once a fledgling city has radically grown in terms of reputation and physical development, as Sorsogon City now takes pride in having a Seal of Good Local Governance, the most coveted award conferred to local governments in the Philippines for excellence in performance. To the people of Sorsogon, Hon. Lee is one true Sorsoganon and will forever be distinguished as the Mother of the City.



## ABOUT THE CITY

TOTAL LAND AREA

**280** KM<sup>2</sup>

POPULATION SIZE

**168,110**

POPULATION DENSITY

**610** PER KM<sup>2</sup>

## CITY'S TOP PRIORITIES



**HOUSING SUPPLY AND AFFORDABILITY**



**ENVIRONMENTAL SUSTAINABILITY**



## IMPLEMENTING A SOCIALISED HOUSING PROGRAM: ZERO INFORMAL SETTLERS BY 2020

In 2015, Sorsogon City had a population of 168,110 with a growth rate of 1.54%. As the capital of the Province of Sorsogon, the city serves as the administrative, commercial, and educational center of the province. Although 47% of the population now lives in urban areas, Sorsogon City intends to preserve agricultural areas, natural resources and other environmental endowments.

Situated on the eastern seaboard between two water bodies, Sorsogon City is at high risk of natural hazards and climate change. These risks became apparent during Typhoon "Milenyo" in 1987 and Typhoon "Sisang" in 2006, which exacerbated the conditions of the poor and left many residents homeless. Thus, the Sorsogon City government

aims to provide these families with housing tenures to improve their quality of life. Although ambitious, "Zero Informal Settlers by 2020" was launched as one of the key programmes by the City Government, involving the relocation of vulnerable settlements not eligible for upgrading.

To date, the City Government has developed 16 settlement areas, and is currently at work on the 17<sup>th</sup>. With some of these resettlement areas being provided by various government and non-government agencies, the efforts and collaboration of the City Government with local and global partners, as well as the recipients has allowed the programme to continuously move towards realising its vision.





# TAICHUNG CITY

**YI-YING LIN**

Deputy Mayor of Taichung City

Yi-Ying Lin, deputy mayor of Taichung City, supervises municipal services, which includes education, culture, society, health, environmental protection, sports, indigenous people, and Hakka affairs.

Deputy Mayor Lin graduated from the Institute of Social Welfare in National Chung Cheng University. Before serving as deputy mayor, she had worked in the field of social welfare field for nearly two decades. She was the executive

director of Hongdao Senior Citizen's Welfare Foundation and was the initiator of the "Go Grandriders!" activity, in which 17 elders spent 13 days travelling around the island of Taiwan with their motorcycles. She specialises in social welfare, long-term care and volunteer service.



## ABOUT THE CITY

TOTAL LAND AREA

**2,210** KM<sup>2</sup>

POPULATION SIZE

**2.792** MIL

POPULATION DENSITY

**1,260** PER KM<sup>2</sup>

## CITY'S TOP PRIORITIES



**CLIMATE CHANGE IMPACT**



**ENVIRONMENTAL SUSTAINABILITY**



## REDISCOVERING NATURE AT THE 2018 TAICHUNG WORLD FLORA EXPOSITION

The theme of the 2018 Taichung World Flora Exposition is Rediscovering GNP, which redefines the economic indicator GNP (Gross National Product) as Green, Nature and People. This symbolises three important values for harmonious development: ecology, production and life. It is hoped that in the pursuit of output value, people still cherish the land, take time out of their busy schedules to enjoy nature, listen to the sounds of blooming flowers and create a happier, more fulfilled life.

The Taichung World Flora EXPO lasts from November 3, 2018 to April 24, 2019 and takes place across three exhibition areas in Houli, Waipu and Fengyuan districts. These districts are successful in ecological conservation, flower and fruit growing and waterside floral landscapes, respectively, echoing the spirit of Green, Nature and People.

The Taichung World Flora EXPO is by no means a one-time event that disappears quickly like a fireworks display. With an emphasis on people, the first priority is the planning of exhibition spaces based on a long-term view, creating sustainable structures for the Taichung World Flora EXPO and beyond. These display the achievements of Taiwan's flower and fruit farmers, the life aesthetics of horticulturists, the devotion of volunteers, as well as the hospitality of Taiwan. The development of transportation, commercial, tourism and cultural facilities also encourages local sustainable development and allows the world to see Taichung and to gain a clearer picture of Taiwan.





# TAINAN CITY

**H.E. LI MEN-YEN**  
Mayor of Tainan City

H.E. Li Men-yen has served as the Mayor of Tainan City, Taiwan, since 2017. He received a BSc from the Department of Environmental Engineering, National Chung Hsing University and a MSc from the Water Science and Engineering Programme, IHE Delft Institute for Water Education. Prior to becoming

Mayor, H.E. Li served several leadership roles related to public works, water, housing and sewage management in the Tainan city, Taipei City and Taipei county governments.



## ABOUT THE CITY

TOTAL LAND AREA  
**2,190** KM<sup>2</sup>

POPULATION SIZE  
**1.886** MIL

POPULATION DENSITY  
**861** PER KM<sup>2</sup>

### CITY'S TOP PRIORITIES



**ECONOMIC GROWTH AND JOB CREATION**



**TRANSPORTATION PLANNING AND DEVELOPMENT**



## MOVING TOWARDS A SOLAR-POWERED CITY

Faced with global warming and climate change, Tainan City has been striving to control carbon emissions in hopes to increase the ratio of installed renewable capacity to 20% by 2025. This means 20 gigawatts of energy will be generated from solar sources. This will aid to achieve a "nuclear-free homeland" without worrying about energy security, with a simultaneous focus on environmental protection and economic development.

Having won gold prize in the low carbon model town category from the 2017 APEC Energy Smart Communities Initiative (ESCI), Tainan has four major advantages for developing solar energy. These include abundant sunlight, green industry chains, a government-supported green energy promotion office, and centralised information and guidance for residents. Tainan uses several strategies to encourage

more solar energy use through installing solar equipment on public buildings' rooftops, holding information promotion events, providing free consultations for installing solar equipment, and subsidy funding and special financing plans.

Tainan city also has a low-carbon city self-government ordinance, which identifies users with a contract capacity of 800 KWs and encourages them to install solar generation systems for 10% of its contract capacity to reduce environmental impact. Over the past eight years, a total of 4,650 applications with an installed capacity of over 445 MW have been approved, generating nearly 576 million KWH of electricity annually. This signifies a reduction of 300,000 tons of carbon per year as Tainan continues to strive to be a low-carbon international city.





# TASHKENT

**TILYAYEV ALISHER AKMALOVICH**  
Deputy Mayor of Tashkent City

Tilyayev Alisher Akmalovich started his professional career as the leading specialist at the Republican Center of the Analysis of Market Research and Expertise of Investment Projects and Programs under the Republic of Uzbekistan's Ministry of Economics in 2003. He later became the Chief Specialist of the Ministry of Economics in 2004 and led the Agreement realisation group, before serving as Deputy Chairman on economic issues from 2004 to 2010.

Mr. Alisher Tilyayev continued his career in the Ministry of Economics as the Head of the Department of fuel-energy

complex. Tilyayev has also held different positions in the joint-venture company "Aral Sea Operating Company", including serving as the General Director and a member of the liquidation commission from 2011 to 2017. He received many honours during his public career, and was justly elected by community vote as the Deputy Mayor of Tashkent City in 2017, focusing on industry development, investments and providing assistance to private enterprises.



## ABOUT THE CITY

TOTAL LAND AREA

**335** KM<sup>2</sup>

POPULATION SIZE

**2.424** MIL

POPULATION DENSITY

**7,240** PER KM<sup>2</sup>

## CITY'S TOP PRIORITIES



**FINANCING INFRASTRUCTURE PROJECTS**



**ENVIRONMENTAL SUSTAINABILITY**



## INSTALLING EFFICIENT OUTDOOR LIGHTING FOR TASHKENT CITY

Established to supply Tashkent city with efficient outdoor lighting, the plan initiated by Toshshaharnur and the Tashkent city administration demonstrates the reciprocal success of collaborative innovative projects. The project was supported by the Islamic Development Bank with an investment of USD 30 million, intended to fund the purchase of goods, working procedures, consulting services and other project-related expenses. Throughout the project implementation, Tashkent Municipality was designated to serve as Executive Agency in boosting the effectiveness and the efficiency of outdoor lighting for Tashkent city. The project's core goal was to apply energy-efficient technology amendments to the existing outdoor lighting system in Tashkent.

Two factors led to project-wide operation success: lighting fixture instalments and collaboration. Over the course of project

implementation, the number of installed lighting units grew to 116,083 with a capacity range of 45,400W. The Tashkent government supported the project by allowing for the establishment of a State Unitary Enterprise, to be integrated with the Municipality's Investment Department. The coordination support required in the project then led the Municipality to initiate a Project Implementation Unit to supervise, manage, coordinate and report on the implementation procedure.

The integration of the energy-efficient system has led to a 20% reduction in city-wide energy consumption, with more effective and reliable lighting operations. The result of the project not only reduced costs for the Municipality of Tashkent, but also allowed citizens to receive increased opportunities to spend time outside with a better lighting system.



# THESSALONIKI

**KALYPSO GOULA**

Vice Mayor of Thessaloniki

Kalypso Goula earned her Bachelor's Degree in Law at Aristotle University of Thessaloniki in 1988. After she successfully passed her bar-exam, she started practicing law in 1991, specialising in criminal, civil and commercial law. In 1995 she earned her Master's Degree in Commercial and Financial Law, again from the Aristotle University. In 2008, she was elected member of the governing board of the Thessaloniki Bar Association.

In the 2010 municipal elections, she won a seat in the Municipal Council of Thessaloniki, the second biggest city in Greece, and she was re-elected in the municipal elections in 2014. From 2011-2017, she was appointed by the Mayor as Vice-Mayor, responsible for social welfare and solidarity.

She was elected as President of the City Council Thessaloniki on 5 March 2017, the first woman in this position.



## ABOUT THE CITY

TOTAL LAND AREA

**20** KM<sup>2</sup>

POPULATION SIZE

**325,200**

POPULATION DENSITY

**16,800** PER KM<sup>2</sup>

### CITY'S TOP PRIORITIES



**TRANSPORTATION PLANNING AND DEVELOPMENT**



**HERITAGE AND CULTURAL PRESERVATION**



## ENSURING HOUSING FOR REFUGEES THROUGH "REACT": REFUGEE ASSISTANCE COLLABORATION THESSALONIKI

Thessaloniki has been at the forefront of the management crisis of refugee flows. In 2015, the city launched its emergency response, just before the closure of the Balkan Route and the March 2016 EU-Turkey common statement.

In 2016, there were 51,092 asylum applications to Greece, three times more than the year before. Moreover as the status of transit refugees have evolved from semi-temporary to potentially permanent, a strategic urban response is all the more essential.

Reacting to the gradual movement of the refugee population from refugee camps to urban areas, in May 2016, the Municipality of Thessaloniki launched an ambitious integrated housing program, the Refugee Assistance Collaboration Thessaloniki (REACT). It is run in partnership with the UN High Commissioner for Refugees (UNHCR), with funding from the EU, and in collaboration with local non-governmental organisations and the municipalities of Kalamaria and Neapoli-Sikies.

The Municipality of Thessaloniki, with support from the URBACT network Arrival Cities, is drafting an Integrated Action Plan (IAP) to

provide a holistic inclusion and integration strategy coordinating key state and non-state actors. As a partner in Arrival Cities, Thessaloniki formed a URBACT Local Group, which helped create a multi-stakeholder consortium for REACT, including nine specialised partners. This is a first in Greece, and considered best practice by the UNHCR.

REACT responds to immediate needs of refugees, while organising the integration process, for the current host and destination country. REACT identifies and establishes a target 888 temporary accommodation places in private apartments or collective centres and host families. It provides basic support services to accommodated asylum seekers, relocation or family reunification and social integration support.

Many registered refugees in north/northwest Greece now reside in apartments in urban and semi-urban areas, rather than in refugee camps. Urban accommodation is a more dignified living solution because of increased access to employment, services, learning opportunities, local markets, social and cultural spaces.





# TIRANA

**ERION VELIAJ**  
Mayor of Tirana

Erion Veliaj holds a Master's degree in European Integration from the University of Sussex and a Bachelor's degree in Political Science from the Grand Valley State University. Before joining the ranks of the Socialist Party in 2011, Veliaj had a long experience as the leader and founder of the movement MJAFIT!, a civic organisation which gained huge popularity for its highly efficient and novel methods of peaceful protest.

Veliaj was elected the 42<sup>nd</sup> Mayor of Tirana in June 2015. Prior to his tenure, Veliaj served as a Member of Parliament and Minister of Social Welfare and Youth from 2013 through 2015. He introduced influential reforms on pensions, employment opportunities and professional education. Veliaj was the first to structure the Socialist Party's branches in countries where the Albanian Diaspora resided, and he also successfully organised the voting process of the Albanian immigrants in the 2013 elections.



## ABOUT THE CITY

TOTAL LAND AREA  
**1,100** KM<sup>2</sup>  
POPULATION SIZE  
**814,400**  
POPULATION DENSITY  
**730** PER KM<sup>2</sup>

### CITY'S TOP PRIORITIES



**ENVIRONMENTAL SUSTAINABILITY**



**TRANSPORTATION PLANNING AND  
DEVELOPMENT**



## INTEGRATING URBAN ENVIRONMENTS WITH GREENERY: TIRANA'S ORBITAL FOREST

Following the 2015 territorial reform in Albania, the 2016 General Local Plan of Tirana, TIRANA2030, was created to facilitate landscape recovery, aimed at transforming Tirana into a polycentric system where the urban sphere, the agricultural sphere and the natural sphere find a balance. One of the key components of TIRANA2030 is the Orbital Forest, a continuous ring of two million trees around the metropolis that will include parks and protected nature reserves. The Forest will preserve and boost existing biodiversity, and is planned to become a vital element in addressing the city's environmental concerns. It will also naturally hinder the expansion of the city, which houses one-third of the population of Albania. Together with currently-undertaken green strategies, such as car-free days, bike-sharing systems, the substantial addition of bike lanes and the testing of electric buses, the Orbital Forest is a major initiative that is part of the city's long-term sustainability plan.

In October 2017 the Agency of Parks and Recreation of the Municipality of Tirana initiated the afforestation campaign. Foreign embassies, public institutions, private institutions, students and celebrities all joined the campaign. Citizens started planting trees during their special occasions, eventually becoming the main contributors to what is currently the city's biggest project.

By April 2018, a total of 122,000 trees were planted, with more than half of them planted by citizens. The campaign was a great example and a novel practice that showed the citizens of Tirana's commitment and collaboration for a project that serves the long-term well-being of the community.





# TOKYO METROPOLIS

**JUNKO INOKUMA**  
Vice Governor of Tokyo

Junko Inokuma is the second woman, and the first in 22 years, to serve as Vice Governor of Tokyo. She was appointed to this position by Yuriko Koike, the first female governor of Tokyo.

She entered the Tokyo Metropolitan Government in 1981. She has extensive experience in various areas of the government, including social welfare, waterfront development, industrial promotion, waterworks, and international affairs. As the Senior Director of the

International Affairs Division, she was engaged in promoting city-to-city diplomacy. Prior to her current position, she was the Director General of the Secretariat to Audit and Inspection Commissioners (2016), and Director General of the Bureau of Accounting (2017).

She graduated from Hitotsubashi University Faculty of Law, and received her Masters in Public Administration from Harvard Kennedy School.



## ABOUT THE CITY

TOTAL LAND AREA

**2,200** KM<sup>2</sup>

POPULATION SIZE

**13.7541** MIL

POPULATION DENSITY

**6,300** PER KM<sup>2</sup>

## CITY'S TOP PRIORITIES



**ECONOMIC GROWTH AND JOB CREATION**



**CLIMATE CHANGE IMPACT**



## REDEVELOPING AN URBAN CENTRE: THE OTEMACHI-MARUNOUCHI-YURAKUCHO DISTRICT

The Otemachi-Marunouchi-Yurakucho District has a long history as Tokyo's office district. Currently, it is undergoing development to become an attractive and vibrant business centre, along with the renewal of buildings in the area.

The Advisory Committee on Otemachi-Marunouchi-Yurakucho Area Development, which comprises the Tokyo Metropolitan Government, the local ward government, a railway operator, and local stakeholders, was organised in 1996. Under public-private partnership, urban development of the district is being advanced to create a vibrant and attractive neighborhood, with an elegance befitting the "face of Tokyo".

For example, historic landmarks such as the Meiji Life Insurance Building (built in 1934 and known for its classical architecture) are preserved, while creating an attractive landscape through total design. Another example is the restoration of the red brick building in 2012, at the area around the Marunouchi exit of Tokyo station.

In addition to building business support centres and other facilities (through exceptions to the City Planning Act and other deregulation schemes), new international schools are being established, and multilingual living facilities (serviced apartments, etc.) are also being built. The Committee aims to turn this district into a showcase that gathers financial professionals from overseas, which will bolster it as an international business centre.





# TOYAMA CITY

## TOSHIYUKI YAMAZOE

Senior Advisor for International Business Relations of City of Toyama

Mr. Yamazoe is a member of the Office of Strategic Planning and Resilience, which oversees Toyama's engagement in the Rockefeller Foundation 100 Resilient Cities Program, business investment, and international tourism. Before coming to Toyama, Mr. Yamazoe had a distinguished career with the prominent Japanese firm Mitsui & Co., Ltd. Having served in

various directorship and managerial positions in the areas of ICT, health insurance, technology, electronics, and the Mitsui Global Strategic Studies Institute, he has worked in more than 50 countries around the world and spent 12 years in the New York offices of Mitsui & Co., (USA), Inc.



## ABOUT THE CITY

TOTAL LAND AREA

**1,200** KM<sup>2</sup>

POPULATION SIZE

**419,000**

POPULATION DENSITY

**340** PER KM<sup>2</sup>

## CITY'S TOP PRIORITIES



**ECONOMIC GROWTH AND JOB CREATION**



**FINANCING INFRASTRUCTURE PROJECTS**



## BUILDING JAPAN'S FIRST COMPLETE COMPACT CITY LRT NETWORK

Toyama had been facing declining ridership on its city rail lines, which had insufficient connectivity between sections of the lines. Thus in 2006, as part of Toyama's efforts to revitalise public transportation through compact city planning, the city introduced Japan's first full scale Light Rail Transit (LRT) System. This system aimed to encourage a lifestyle shift away from automobile dependency, by creating a city where key amenities were kept within walking distance. The LRT also reduced carbon emissions, improved accessibility for the elderly, helped revitalise the city center and reduced city budget costs.

The first stage of the LRT, replacing a heavy rail line from the city center to the port, was a two-tiered public-private partnership (PPP) where the public sector assumed the entire expense of the installation of railway facilities and maintenance of train cars, while the private sector took responsibility for operations. Super low floor cars

were introduced; five new stations were added; service hours were extended; and service frequency was increased by nearly 3.5 times. With ridership increasing by 220% on weekdays and 315% on holidays, a mode shift had been achieved with around 12% of users having moved out of their cars. The number of senior citizens using the LRT had also increased significantly, suggesting a change in lifestyle and increased activeness.

Equally successful was the second stage LRT PPP, which created a loop in the city center with a third stage connecting the LRT to the new Shinkansen line at the central rail station. The final stages will then fully connect the LRT to the city's network of heavy rail lines, and connect the north and south LRT systems underneath the central rail station.





# VIENNA

## MARIA VASSILAKOU

Vice Mayor and Vice Governor of Vienna  
Executive City Councillor for Urban  
Planning, Traffic & Transport,  
Climate Protection, Energy and Public  
Participation

Maria Vassilakou started her political career as Secretary General of the Austrian Students' Union. In November 1996, she became a Member of the Vienna Provincial Parliament and Head of the Parliamentary Group of the Green Party in 2004. Since November 2010, Maria has been Deputy Mayor and Deputy Governor of Vienna and Executive City Councillor for Urban Planning, Traffic & Transport, Climate Protection, Energy and Public Participation. Maria Vassilakou is

the first Vice-Mayor and councilwoman who migrated to Austria. Born in Greece, she sees Vienna as an open, modern and diverse city and supports the expansion of public transportation in accordance with her motto, "Residents of Vienna should no longer have to rely on their own cars". Indeed, Vienna has one of the most affordable pricing policies for public transportation amongst all European cities.



## ABOUT THE CITY

TOTAL LAND AREA

**414** KM<sup>2</sup>

POPULATION SIZE

**1.868** MIL

POPULATION DENSITY

**4,500** PER KM<sup>2</sup>

## CITY'S TOP PRIORITIES



**FINANCING INFRASTRUCTURE PROJECTS**



**TRANSPORTATION PLANNING AND  
DEVELOPMENT**



## BRINGING SUSTAINABLE MOBILITY TO VIENNA

Today, 64% of the distance travelled worldwide are made within urban environments, with the distance travelled within metropolitan areas expected to triple by 2050. When it comes to Vienna, the city's goal is to have 80% of all trips completed by sustainable modes, such as walking, cycling or public transport by 2025. The city also aims to reduce the modal share of car trips to 20%, showing good progress by reducing the percentage of private car use from 31% in 2010 to 27% in 2012.

These results were achieved by expanding parking space management to the outer districts of the city, which alone has reduced CO2 emissions by 17,300 tonnes per year. In addition, Vienna possesses excellent public transport hardware with "Wiener Linien", the 100% city-owned Viennese Public Transport Company. In 2012, the fare for annual public transport tickets was reduced to 365 Euros per year,

encouraging residents to travel with metro, trams or busses all over the city for just one euro per day.

The city also invested approximately 10 million euros annually in new cycling infrastructure, having been the first city to introduce a bike sharing scheme in Europe. Today, the city has 1,300km of bike infrastructure and have founded the Vienna Mobility Agency to raise awareness and support the cycling community.

Finally, the core of Vienna's success story is walking! Increasing walkability is a major strategy to improve the quality of everyday life in a city, and Vienna's exceptional quality of life has been bolstered by the fact that walking accounts for 26% of all trips in the city and 56% of intermodal trips within the city. Indeed, Vienna's mobility-masterplan contains several solutions to raise the share of walking, through plans such as "Pedestrian Boulevards".





# WELLINGTON

**HIS WORSHIP JUSTIN LESTER**  
Mayor of Wellington City

Justin Lester grew up in Invercargill, New Zealand, and earned a Bachelor of Laws and a Bachelor of Arts with a major in German at the University of Otago. He then moved to Europe and completed his Master of Laws at the University of Heidelberg in Germany. In his mid-twenties, he co-founded Kapai, a Wellington food chain that has an emphasis on healthy eating.

Justin started his career in public service by joining the Wellington City Council as a Northern Ward Councillor in 2010 and served as Deputy Mayor from 2013 until 2016. During his time as a Councillor, Justin championed policies for a living wage, prioritised good quality local

services and supported local businesses. He feels strongly that good local government services make a huge difference in people's lives.

Justin Lester was elected the Mayor of Wellington in 2016. His priorities as Mayor include kick-starting the local economy, making housing affordable, improving Wellington's transport systems, replacing outdated bylaws and prioritising arts funding. He also wants to establish the country's first "wet house" (a home for the chronic homeless), provide a rates rebate for first-home builders and create the world's first predator-free capital.



## ABOUT THE CITY

TOTAL LAND AREA

**440** KM<sup>2</sup>

POPULATION SIZE

**412,500**

POPULATION DENSITY

**930** PER KM<sup>2</sup>

## CITY'S TOP PRIORITIES



**ECONOMIC GROWTH AND JOB CREATION**



**HOUSING SUPPLY AND AFFORDABILITY**



## GROWING A THRIVING, AMBITIOUS CITY

As the capital of New Zealand, Wellington is a thriving small city bursting with big ideas, big ambitions and big achievements.

With a strong investment in economic growth and innovative entrepreneurship, Wellingtonians understand the importance of adopting a global approach. The city's strengths are its specialist industries and the wealth of talent in the arts, the food and beverage industries, major events, digital technology and film production. Because Wellington is the capital, the public sector comprises 15 per cent of its total workforce and supports a wide range of professions including analysts, legal services, international relations and diplomatic corps, lobbyists and marketing professionals.

The key subsectors experiencing good growth at present include animation, post-production, and application development. According to the Mayor, over the next five years, there will be a focus on three areas, namely safer homes and more robust infrastructure, an economy ready to survive, adapt and thrive, and connect more prepared communities.



# WEST OF ENGLAND

**TIM BOWLES**

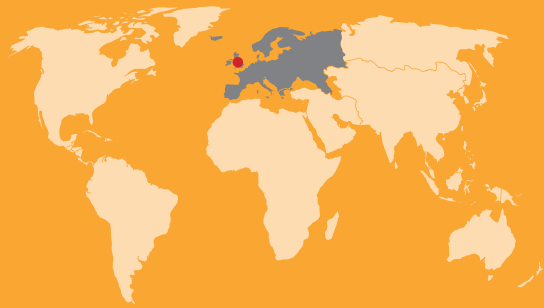
Mayor of the West of England

Tim was elected as the first Mayor of the West of England in May, 2017 following a career combining international business roles with public service in the region. Born in East Africa and raised in Somerset, he has international experience working in business development, exports, sales and marketing.

Having worked with small and medium-sized enterprises and global players, Tim is committed to supporting businesses of all sizes to achieve their full potential.

His business background means he is passionate about the need to promote the West of England and its unique offering, including its global connections and a highly-skilled workforce, nationally and internationally.

He also has a passionate belief that children should be encouraged to reach their full potential from a young age, and sees lifelong skills development for all as essential to driving economic growth in the region.



## ABOUT THE CITY

TOTAL LAND AREA

**958** KM<sup>2</sup>

POPULATION SIZE

**919,600**

POPULATION DENSITY

**959** PER KM<sup>2</sup>

## CITY'S TOP PRIORITIES



**ECONOMIC GROWTH AND JOB CREATION**



**FINANCING INFRASTRUCTURE PROJECTS**



## TRIAL OF 5G NETWORK

The West of England Combined Authority has secured £5 million from the government to trial a superfast 5G network at tourist destinations in Bristol and Bath. The trial will see 5G infrastructure put in place at the Roman Baths in Bath, M Shed and in and around We The Curious and Millennium Square in Bristol.

An example of what 5G technology can offer would include having virtual Roman soldiers showing tourists around the Roman Baths, allowing tourists to survey their surroundings 360 degrees on their mobile phones at an exceptional resolution.

According to local leaders, the 5G Smart Tourism bid will allow the city to trial some exciting technology at its top tourist attractions, whilst looking at wider and longer-term benefits for the region. This new technology holds the key to a more advanced, sustainable and

smart future, which will revolutionise the way citizens live, travel and work. Smart tourism is just one of the projects the city is funding to drive this forward, and the exploration of innovative ways in which 5G can boost the West of England's fantastic tourism experiences is to be anticipated.

5G is set to be the largest step forward for mobile network technology yet, supporting even communication between things humans have invented, forming the 'Internet of Things'. This will impact people's lives and support new technologies such as driverless cars to smarter homes. The 5G trial will analyse how the West of England can become a smart region, with the potential to use new technology to link transport and homes, hospitals and schools.



# OTHER PARTICIPATING CITIES

| CITIES                         | NAME                                   | DESIGNATION   | SIZE<br>(km <sup>2</sup> ) | POPULATION  | DENSITY<br>(km <sup>2</sup> ) |
|--------------------------------|--|---|----------------------------|-------------|-------------------------------|
| Adelaide                       | Lord Mayor Martin Haese                | Lord Mayor of Adelaide                                    | 3,260                      | 1,333,900   | 410                           |
| Al Ain Municipality            | H.E. Dr. Matar Mohammad Saif Al Nuaimi | General Manager of Al Ain Municipality                    | 15,100                     | 767,000     | 50                            |
| Al Bireh                       | Dr. Hisham Shkokani                    | Deputy Mayor of Al Bireh                                  | 12                         | 45,980      | 3,800                         |
| Al Hasa                        | H.E. Eng. Adel Bin Mohammad Al Melhem  | Mayor of Al Hasa  | 950                        | 10,240      | 11                            |
| Almere                         | Frans Jorna                            | Chief of Almere   | 130                        | 204,000     | 1,570                         |
| Amman                          | H.E. Yousef Shawarbeh                  | Mayor of Amman  | 1,680                      | 4,007,530   | 2,380                         |
| Andhra Pradesh                 | Sri Nara Chandrababu Naidu             | Chief Minister of Andhra Pradesh                          | 160,200                    | 49,577,000  | 310                           |
| Baise City Municipal Committee | Rong Xianbiao                          | Vice Mayor of Baise City Municipal Committee              | 36,200                     | 3,620,200   | 100                           |
| Banda Aceh                     | H.E. H. Aminullah Usman                | Mayor of Banda Aceh                                       | 61                         | 356,990     | 5,800                         |
| Bangkok                        | Dr. Vallop Suwandee                    | Chairman of Advisers to Governor of Bangkok               | 7,760                      | 15,931,300  | 2,050                         |
| Banyuwangi                     | H.E. Bpk Abdullah                      | Regent of Banyuwangi                                      | 5,780                      | 1,556,000   | 270                           |
| Bataan Province                | Hon. Albert S. Garcia                  | Governor of Bataan Province                               | 1,250                      | 760,650     | 610                           |
| Batac City                     | Hon. Albert D. Chua                    | Mayor of Batac City                                       | 160                        | 55,200      | 340                           |
| Bishkek                        | H.E. Albek Ibraimov                    | Mayor of Bishkek  | 130                        | 1,002,000   | 7,900                         |
| Boulder                        | Aaron Brockett                         | Mayor Pro Tem of Boulder                                  | 1,900                      | 322,500     | 170                           |
| Budinanda Municipality         | Hon. Janak Raj Giri                    | Chief of Advisory Committee of Budinanda                  | -                          | -           | -                             |
| Champasak Province             | Bouasone Vongsongkhone                 | Vice Governor of Champasak Province                       | 56                         | 76,800      | 1,400                         |
| Chefchaouen                    | H.E. Mohamed Sefiani                   | Mayor of Chefchaouen                                      | 3,900                      | 457,400     | 120                           |
| City of London Corporation     | Peter Estlin                           | Alderman of City of London Corporation                    | 3                          | 9,400       | 3,240                         |
| Colombo                        | Her Worship Rosy Senanayake            | Mayor of Colombo  | 200                        | 237,400     | 1,200                         |
| Cross Rivers State             | H.E. Benedict Ayade                    | Governor of Cross Rivers State                            | 20,200                     | 3,866,300   | 190                           |
| Darwin                         | The Right Worshipful Kon Vatskalis JP  | The Lord Mayor of City of Darwin                          | 3,160                      | 145,900     | 46                            |
| Dipolog City                   | Hon. Darel Dexter Uy                   | Mayor of Dipolog City                                     | 240                        | 130,760     | 540                           |
| Dodoma                         | Prof. Davis Mwamfupe                   | Mayor of Dodoma   | 41,300                     | 2,264,500   | 55                            |
| Dongguan city                  | Xiao Yafei                             | Mayor of Dongguan City                                    | 2,500                      | 8,261,400   | 3,350                         |
| Edo State                      | Godwin Nogheghase Obaseki              | Governor of Edo State                                     | 17,800                     | 4,235,600   | 240                           |
| Fang Cheng Gang City           | Luo Zhen                               | Vice Mayor of Fang Cheng Gang City                        | 6,200                      | 929,000     | 150                           |
| Fortaleza                      | Patrícia Macêdo                        | Secretary of International Affairs                        | 315                        | 2,627,000   | 8,343                         |
| Galle                          | Mohamed Hussain Fawzul Niaz            | Deputy Mayor of Galle                                     | 1,650                      | 1,113,000   | 670                           |
| Gelephu                        | Tika Ram Kafley                        | Thrompon of Gelephu                                       | 8                          | 9,200       | 1,130                         |
| Greater Sydney Commission      | Lucy Turnbull                          | Chief Commissioner of Greater Sydney Commission           | 12,370                     | 5,131,300   | 415                           |
| Guangdong Provincial Committee | Ouyang Guiyou                          | Committee Member of Guangdong Provincial Committee        | 197,100                    | 109,990,000 | 560                           |
| Guangxi Autonomous Region      | Yang Dong                              | Chief Architect and Engineer of Guangxi Autonomous Region | 220,400                    | 48,380,000  | 220                           |

# OTHER PARTICIPATING CITIES

| CITIES                           | NAME                                      | DESIGNATION                                       | SIZE<br>(km <sup>2</sup> ) | POPULATION | DENSITY<br>(km <sup>2</sup> ) |
|----------------------------------|---|---|----------------------------|------------|-------------------------------|
| Guigang City Municipal Committee | Zhang Zhuang                              | Vice Mayor of Guigang City Municipal Committee    | 10,600                     | 4,332,000  | 410                           |
| Hamburg                          | Juergen Bruns-Berentelg                   | Chief Executive Officer of HafenCity Hamburg GmbH | 755                        | 1,810,400  | 2,400                         |
| Helsinki                         | Nasima Razmyar                            | Deputy Mayor of Helsinki                          | 215                        | 643,000    | 3,000                         |
| Hezhou                           | Yi Fang                                   | Vice Mayor of Hezhou                              | 11,800                     | 2,039,000  | 170                           |
| Hiroshima City                   | H.E. Kazumi Matsui                        | Mayor of Hiroshima City                           | 906                        | 1,196,280  | 1,320                         |
| Honolulu                         | Hon. Kirk Caldwell                        | Mayor of Honolulu                                 | 157                        | 359,870    | 2,230                         |
| Huizhou City                     | Yu Jinfu                                  | Deputy Mayor of Huizhou City                      | 11,300                     | 4,775,000  | 420                           |
| Ilocos Norte Province            | Hon. Maria Imelda Josefa "Imee" R. Marcos | Governor of Ilocos Norte Province                 | 3,270                      | 593,080    | 181                           |
| Jackson                          | The Hon. Chokwe Antar Lumumba             | Mayor of Jackson                                  | -                          | -          | -                             |
| Jambi City                       | H.E. H. Syarif Fasha                      | Mayor of Jambi City                               | 50,100                     | 3,398,000  | 68                            |
| Jincheng                         | Wang Hongwei                              | Vice Mayor of Jincheng                            | 9,400                      | 2,321,000  | 250                           |
| Johor Bahru City Council         | Tuan Haji Amran bin Abdul Rahman          | Mayor of Johor Bahru City Council                 | 1,060                      | 1,386,600  | 1,300                         |
| Kaga City                        | H.E. Riku Miyamoto                        | Mayor of Kaga City                                | 310                        | 67,200     | 220                           |
| Kandahar                         | Roshan Wolusmal                           | Mayor of Kandahar                                 | 54,800                     | 1,279,500  | 23                            |
| Kandy                            | Hon. Kesara Sanayake                      | Mayor of Kandy                                    | 1,940                      | 1,452,000  | 750                           |
| Karachi Metropolitan Corporation | Waseem Akhtar                             | Mayor of Karachi Metropolitan Corporation         | 3,780                      | 14,916,000 | 3,950                         |
| Kingston                         | CR. Delroy Williams                       | Government Senator                                | 11,000                     | 2,729,000  | 248                           |
| Kuching City South Council       | Y. Bhg. Dato' James Chan Khay             | Mayor of Kuching City South Council               | -                          | -          | -                             |
| Kumasi Metropolitan Assembly     | Osei Assibey Antwi                        | Mayor of Kumasi Metropolitan Assembly             | 254                        | 2,069,400  | 8,100                         |
| Lagos State                      | H.E. Akinwunmi Ambode                     | Governor of Lagos State                           | 3,300                      | 12,550,600 | 3,800                         |
| Laibin                           | Wei Ping                                  | Vice Mayor of Laibin                              | 13,400                     | 2,200,000  | 160                           |
| Leipzig                          | Ulrich Hoerning                           | Deputy Mayor of Leipzig                           | 1,650                      | 262,000    | 160                           |
| Liuzhou City                     | Zhang Jianguo                             | Vice Mayor of Liuzhou City                        | 18,600                     | 3,959,000  | 210                           |
| Luang Prabang Province           | Dr. Bouakhong Nammavong                   | Vice Governor of Luang Prabang Province           | 16,880                     | 431,889    | 26                            |
| Lüderitz                         | Hilaria Mukapuli                          | Mayor of Lüderitz                                 | 15                         | 12,500     | 820                           |
| Maputo                           | David Simango                             | Mayor of Maputo                                   | 26,000                     | 2,507,000  | 96                            |
| Marrakech                        | Khalid El Fataoui                         | Deputy Mayor of Marrakech                         | 209                        | 930,000    | 4,440                         |
| Medan                            | H.E. Drs. H.T. Dzulmi Eldin               | Mayor of Medan                                    | 265                        | 2,097,610  | 7,900                         |
| Meizhou City                     | Wu Zetong                                 | Deputy Mayor of Meizhou City                      | 15,900                     | 4,361,000  | 270                           |
| Melbourne                        | Arron Wood                                | Deputy Lord Mayor of Melbourne                    | 9,990                      | 4,900,000  | 490                           |
| Narayanganj                      | A F M Ehteshamul Hoque                    | Chief Executive Officer of Narayanganj            | 700                        | 3,284,000  | 4,700                         |
| Nasinu                           | Mosese Kama                               | Special Administrator of Nasinu                   | -                          | -          | -                             |
| Ningbo                           | Xuan Bolin                                | Vice Party Secretary of Ningbo                    | 9,820                      | 7,875,000  | 802                           |



# OTHER PARTICIPATING CITIES

| CITIES  | NAME                              | DESIGNATION  | SIZE<br>(km <sup>2</sup> ) | POPULATION  | DENSITY<br>(km <sup>2</sup> ) |
|---|-----------------------------------|--|----------------------------|-------------|-------------------------------|
| Olongapo City                                 | Hon. Rolan Calixto Paulino, Sr.   | Mayor of Olongapo City   | 141                        | 233,040     | 1,650                         |
| Padang City                                   | H.E. H. Mahyeldi Ansharullah      | Mayor of Padang City   | 695                        | 1,000,100   | 1,440                         |
| Penang City                                   | YAB Tuan Chow Kon Yeow            | Chief Minister of Penang City  | 1,030                      | 1,746,300   | 1,700                         |
| Penang Island City                            | Dato Yew Tung Saeng               | Mayor of Penang Island City  | -                          | -           | -                             |
| People's Committee of Hai Phong               | Nguyen Xuan Binh                  | Standing Vice Chairman of People's Committee of Hai Phong                        | 1,560                      | 1,980,800   | 1,270                         |
| People's Committee of Nam Dinh Province       | Ngo Gia Tu                        | Standing Vice Chairman of People's Committee of Nam Dinh Province                | 1,670                      | 1,852,600   | 1,111                         |
| People's Committee of Thua Thien Hue Province | H.E. Nguyen Van Cao               | Chairman of People's Committee of Thua Thien Hue Province                        | 4,900                      | 1,149,800   | 235                           |
| Phnom Penh Municipality                       | H.E. Suy Serith                   | Vice Governor of Phnom Penh Municipality   | 680                        | 1,959,600   | 5,200                         |
| Port Louis                                    | Daniel Eric Clive Laurent         | Lord Mayor of Port Louis   | 40                         | 119,600     | 3,000                         |
| Preah Sihanouk Province                       | H.E. Kong Vitanak                 | Deputy Governor of Preah Sihanouk Province                                       | 2,600                      | 285,900     | 111                           |
| Pu Er City                                    | Wei Xing                          | Party Secretary of Pu Er City  | 44,270                     | 2,617,000   | 60                            |
| Puente Alto                                   | H.E. Germán Codina Powers         | Mayor of Puente Alto   | 63                         | 570,000     | 9,000                         |
| Rikuzentakata City                            | H.E. Futoshi Toba                 | Mayor of Rikuzentakata City  | 230                        | 19,800      | 85                            |
| Rio de Janeiro                                | H.E. Marcelo Crivella             | Mayor of Rio de Janeiro  | 1,255                      | 6,500,000   | 5,180                         |
| Riyadh  | H.E. Eng. Tareq Abdullaziz Alfare | Mayor of Riyadh  | 1,790                      | 6,506,700   | 3,600                         |
| San Miguelito                                 | Gerald Cumberbatch                | Mayor of San Miguelito   | 50                         | 365,000     | 7,285                         |
| San Pedro                                     | Lourdes Cataquiz                  | Mayor of San Pedro   | 24                         | 325,800     | 13,540                        |
| Seoul Metropolitan City                       | H.E. Park Won-soon                | Mayor of Seoul Metropolitan City   | 605                        | 10,124,600  | 16,735                        |
| Shantou City                                  | Cheng Shengquan                   | Director of Administration Committee of Bonded Area of Shantou City              | 2,250                      | 5,579,000   | 2,500                         |
| Shanwei City                                  | Lin Jun                           | Deputy Mayor of Shanwei City   | 4,900                      | 3,037,000   | 620                           |
| Singapore (North East District)               | Desmond Choo                      | Mayor of Singapore (North East District)   | 105                        | 889,300     | 8,560                         |
| Singapore (South East District)               | Dr. Mohamad Maliki Osman          | Mayor of Singapore (South East District)   | -                          | -           | -                             |
| Singapore (South West District)               | Low Yen Ling                      | Mayor of Singapore (South West District)   | -                          | -           | -                             |
| Sucre Municipality                            | H.E. Carlos Ocariz                | Mayor of Sucre Municipality  | 1,820                      | 285,000     | 156.3                         |
| Surabaya                                      | H.E. Tri Rismaharini              | Mayor of Surabaya  | 350                        | 3,457,400   | 9,900                         |
| Suzhou  | Jiang Hai                         | Vice Mayor of Suzhou   | 6,100                      | 10,647,400  | 1,750                         |
| Taipei City                                   | Chingyu Yao                       | Executive Secretary to the International Affairs Advisory Council of Taipei City | 2,710                      | 269,600,000 | 9,900                         |
| Tangerang                                     | H.E. H. Arief Wismansyah          | Mayor of Tangerang   | 1,010                      | 2,001,930   | 2,801                         |
| Taoyuan City                                  | H.E. Wang Ming-teh                | Mayor of Taoyuan City  | 1,220                      | 2,199,000   | 1,800                         |
| Tehran  | Dr. Seyed Mohammad Ali Afshani    | Mayor of Tehran  | 1,400                      | 8,737,500   | 6,300                         |

# OTHER PARTICIPATING CITIES

| CITIES            | NAME                       | DESIGNATION   | SIZE<br>(km <sup>2</sup> ) | POPULATION | DENSITY<br>(km <sup>2</sup> ) |
|-------------------|----------------------------|---|----------------------------|------------|-------------------------------|
| Thimphu           | Kinlay Dorjee              | Thrompon of Thimphu                                   | 1,790                      | 116,000    | 65                            |
| Tianjin Eco-City  | Shan Zefeng                | Director-General of Eco-city Administrative Committee | 30                         | 91,300     | 3,000                         |
| Tigre             | Julio Zamora               | Mayor of Tigre  | 360                        | 439,000    | 1,219                         |
| Timisoara         | Dr. Nicolae Robu           | Mayor of Timisoara                                    | 130                        | 319,300    | 2,470                         |
| Townsville        | Councillor Jenny Hill      | Mayor of City of Townsville                           | 3,730                      | 193,600    | 52                            |
| Ulaanbaatar       | Sh. Ankhmaa                | Deputy Mayor of Ulaanbaatar                           | 4,700                      | 1,380,800  | 300                           |
| Vientiane Capital | H.E. Sihoune Sithuthilusay | Vice Governor of Vientiane Capital                    | 3,920                      | 820,940    | 209                           |
| Vladivostok       | Alexey Litvinov            | Acting Mayor of Vladivostok                           | 330                        | 607,000    | 1,840                         |
| Walvis Bay        | Immanuel Wilfried          | Mayor of Walvis Bay                                   | 33                         | 62,100     | 1,900                         |
| Warsaw            | Hanna Gronkiewicz-Waltz    | Mayor of Warsaw                                       | 520                        | 1,765,000  | 3,410                         |
| Windhoek          | Muesee Kazapua             | Mayor of Windhoek                                     | 720                        | 326,000    | 460                           |
| Yala City         | Pongsak Yingchoncharoen    | Mayor of Yala City                                    | 19                         | 61,320     | 3,230                         |
| Yangjiang City    | Cheng Fengying             | Deputy Mayor of Yangjiang City                        | 8,000                      | 2,528,000  | 320                           |
| Yokohama City     | Yuri Arakida               | Deputy Mayor of Yokohama City                         | 440                        | 3,725,000  | 8,500                         |
| Zeralda           | Tarik Ben Yezzar           | Mayor of Zeralda                                      | 30                         | 51,600     | 1,700                         |

As of 26 June 2018  
Data extracted from City Population and Wikipedia



# ABOUT THE ORGANISERS



## CENTRE FOR LIVEABLE CITIES (CLC)

The Centre for Liveable Cities (CLC) was established in June 2008 by the Ministry of National Development and the Ministry of the Environment and Water Resources of Singapore. The Centre brings together Singapore's expertise on sustainable urban development across public and private sectors. It aims to distil and develop Singapore's experience in good governance, integrated urban planning, effective resource management, affordable quality housing, efficient transport management and environmental sustainability. Besides being a key repository of Singapore's expertise in urban management, the Centre will facilitate the sharing of best practices and learning among cities in the region and globally through conferences, forums, seminars and workshops. Working with other international and local think tanks and research institutions, the CLC will also undertake policy-oriented research that is timely, practical and relevant. For more information, please visit [www.clc.gov.sg](http://www.clc.gov.sg)



## URBAN REDEVELOPMENT AUTHORITY OF SINGAPORE (URA)

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 us at [www.ura.gov.sg](http://www.ura.gov.sg).



[www.worldcitiessummit.com.sg](http://www.worldcitiessummit.com.sg)

See you at next World Cities Summit Mayors Forum, to be held in Medellín City, Colombia, 10-12 July 2019.