



## URBAN WATER SUSTAINABILITY AND GHG REDUCTION

RICARDO CEPEDA-MARQUEZ

Head of Waste & Water

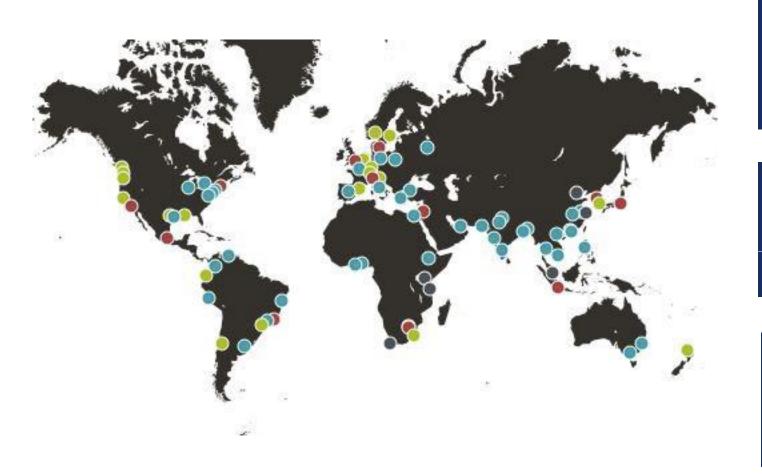
C40 Cities Climate Leadership

Group





## 91 of the world's leading megacities working together to tackle climate change



>650
Million people

>25%
of global GDP

11% of world population



## C40 SUPPORTING MAYORS TO LEAD THE FIGHT AGAINST CLIMATE CHANGE



25% **CITY ACTIONS DIRECT** RESULT OF KNOWLEDGE **SHARING** 

TIMES MORE LIKELY TO **ACT IF A GOAL HAS BEEN ESTABLISHED** 

**MEMBERSHIP FEES** 



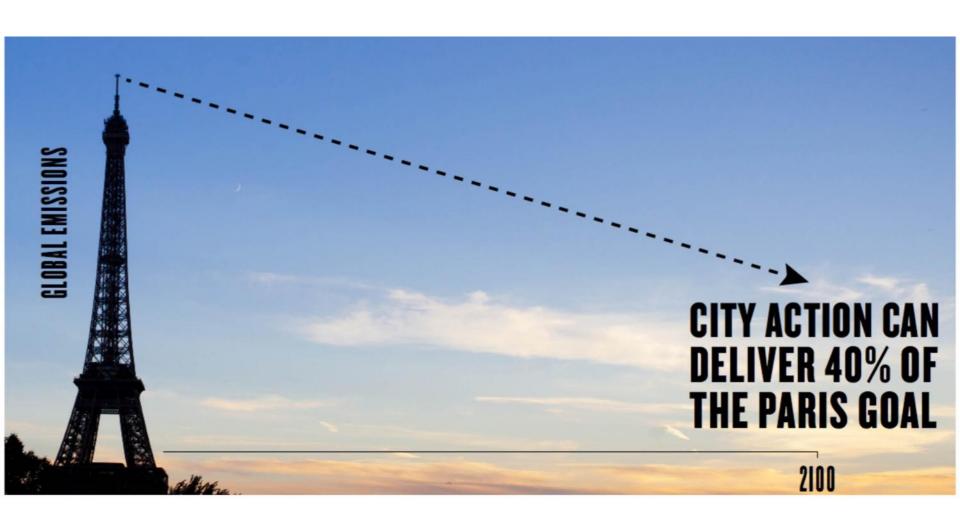


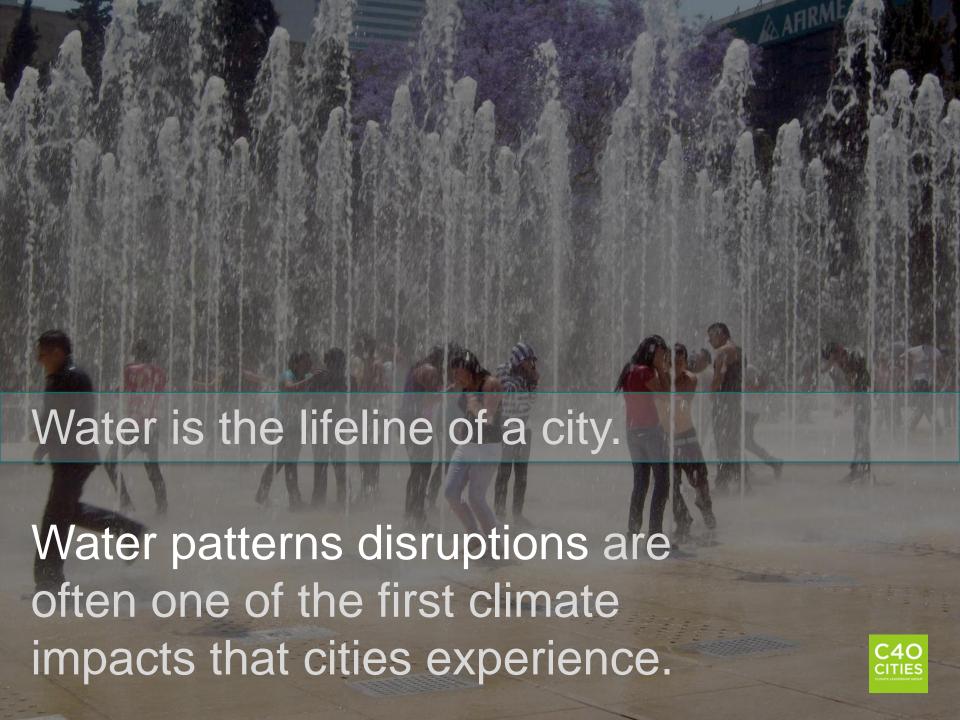
## **INCREASING OUR DELIVERY**

	ENERGY AND BUILDINGS	TRANSPORTATION	URBAN PLANNING AND DEVELOPMENT	WASTE AND WATER
•	Private Building Efficiency Municipal Building Efficiency New Building Efficiency Clean Energy	<ul> <li>Mobility Management</li> <li>Low Emission Vehicles</li> <li>Bus Rapid Transit</li> </ul>	<ul> <li>Land Use Planning</li> <li>Transit Oriented         Development     </li> <li>Low-Carbon Districts</li> <li>Food Systems</li> </ul>	<ul> <li>Sustainable Solid Waste Systems</li> <li>Waste to Resources</li> <li>Urban water management</li> <li>Wastewater treatment</li> </ul>
ADAPTATION		BUSINESS, DATA AND INNOVATION		
<ul><li>Connecting Delta Cities</li><li>Climate Change Risk Assessment</li><li>Cool Cities</li></ul>		Green Growth		



#### C40'S MAYORS CAN LEAD A GLOBAL TRANSFORMATION



















## Hong Kong: Total Water Management Strategy.





## New Network: Urban Water Management

Supporting cities to address all topics relating to the entire water cycle to improve and secure the urban water supply.

### Focusing on

- improved efficiency and energy consumption,
- leaks and loss reduction,
- water capture and sourcing,
- storm water management,
- rainwater harvesting and
- water recycling.

# New Network: Wastewater Treatment

Working with cities to improve or implement sanitation facilities and treatment infrastructure.

## Focusing on

- energy efficiency,
- methane capture and utilization, nitrous oxide abatement,
- food waste co-digestion and
- contracting mechanisms.





#### RICARDO CEPEDA-MARQUEZ **HEAD OF WATER & WASTE INITIATIVE**

#### FOLLOW US













