

# ICLEI IN THE URBAN ERA

**UPDATED JUNE 2019**

**OUR VISION FOR A  
SUSTAINABLE URBAN WORLD**

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# ICLEI IN THE URBAN ERA

Cities and their surrounding regions are on the front lines of global change. They are adapting to shifts in nearly every dimension of urban life and confronting the impacts of rapid urbanization, demographic change, climate change, technological advancements and a range of development challenges. As cities rise, grow and change, poverty and inequity remain and natural systems degrade.

In this urban era, cities are centers of opportunity and prosperity. They are where innovation sparks and takes root. We need to harness this energy to reorient and rebalance the patterns of daily life, the built environment and the natural systems in and around cities across the world. This is how we will shift the trajectory of global development.

ICLEI is responding directly to global challenges. In June 2018 at the ICLEI World Congress in Montréal, local and regional leaders rallied behind the *ICLEI Montréal Commitment and Strategic Vision* to guide them through 2024. Laying out five interconnected pathways for change, it demonstrates their commitment to low emission, nature-based, circular, resilient and equitable and people-centered development. Through these pathways, the ICLEI network transforms individual communities and collectively drives sustainable urban development worldwide.

Local and regional governments across our network are making sustainability an inextricable part of all development. They undertake collective efforts for global change and urge action by all sectors and levels of government.

ICLEI has long recognized and called attention to the early warning signs of harmful global change. Today, the world is opening up to those signs, by adopting game-changing global frameworks like the 2030 Sustainable Development Agenda, the Paris Agreement and the New Urban Agenda. Cities are also now recognized as beacons of change. ICLEI sees the opportunity that lies in this moment.

The ICLEI network is more prepared than ever to take on global challenges. After years of work, local and regional governments are a stronger and more visible force, ready to drive transformation.



The urban century is placing urban governance at the center, and what happens now in cities is crucial. Local and regional governments have a global platform, and the world looks to them for answers.

Local and regional governments across the ICLEI network have responded through the *ICLEI Montréal Commitment and Strategic Vision*. It informs how ICLEI delivers on the global sustainable development agenda.

ICLEI is already moving at a rapid pace, and at a global scale. This is demonstrated in the *ICLEI Montréal Action Plan*, a compendium of our worldwide efforts to carry forward the *ICLEI Montréal Commitment and Strategic Vision*.

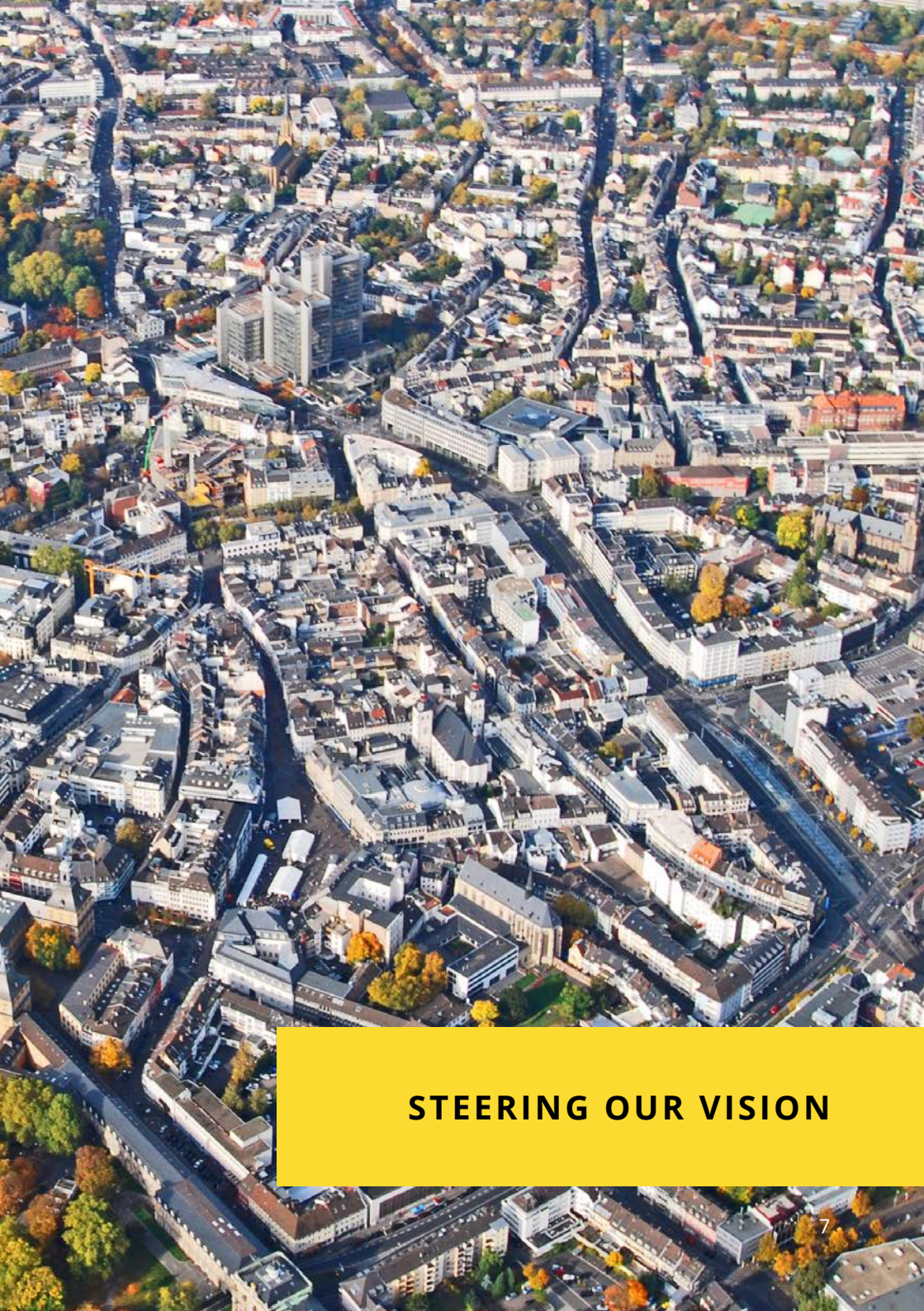
To seize the urban century, ICLEI has its sights set on deep, systemic change that fundamentally transforms cities and the regions that surround them. ICLEI is undertaking a collective global effort to make sustainability a permanent fixture on the global development landscape.

**FOR ICLEI, SUSTAINABLE DEVELOPMENT IS NOT JUST WISE  
BUT FUNDAMENTAL TO LIFE ON EARTH. IT IS A RIGHT FOR  
ALL AND NOT A PRIVILEGE OF THE FEW.**

An aerial photograph of a city, likely Copenhagen, showing a large green field in the foreground, a church spire, and various urban buildings and streets. The text is overlaid on a teal rectangular background.

# **ICLEI GOVERNANCE AND LEADERSHIP**





**STEERING OUR VISION**

# ICLEI GLOBAL EXECUTIVE COMMITTEE 2018-2021



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Republic of Korea



**DARIO NARDELLA**

**REGIONAL SEAT, EUROPE**  
Mayor, Metropolitan City  
of Florence, Italy



**MAURICIO VILA DOSAL**

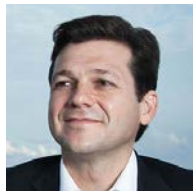
**REGIONAL SEAT,**  
**MEXICO, CENTRAL**  
**AMERICA AND THE**  
**CARIBBEAN**  
Governor, State of  
Yucatan, Mexico



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Mayor, Municipality of Recife, Brazil



**KINLAY DORJEE**  
**REGIONAL SEAT, SOUTH ASIA**  
Mayor, Thimphu Municipality, Bhutan



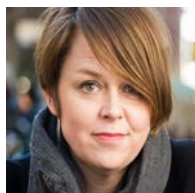
**BIMA ARYA**  
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Municipal  
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Mayor, Nagpur  
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City Budget Officer,  
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HJ MOHAMUD**

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ICLEI World  
Secretariat



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General, ICLEI  
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Regional Director,  
ICLEI South Asia  
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**KOBIE BRAND**

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**RODRIGO DE OLIVEIRA PERPETUO**

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**VICTORINO AQUITANIA**

Regional Director,  
ICLEI Southeast  
Asia Secretariat



**MEGAN MEANEY**

Executive Director,  
ICLEI Canada Office



**TOGO UCHIDA**

Executive Director,  
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**WAN-TIEN TSAI**

Director,  
ICLEI Kaohsiung  
Capacity Center



**YEONHEE PARK**

Executive Director,  
ICLEI Korea Office



**ANGIE FYFE**

Executive Director,  
ICLEI USA Office



# ASHOK SRIDHARAN, ICLEI PRESIDENT

Mayor, Federal City of Bonn, Germany

***In our urban era, the ICLEI network is leading a global transformation through sustainable urban development - the key to greater equity in our communities and to building a more sustainable and just urban world.***

City and regional leaders across the ICLEI network are scaling up ambition and taking worldwide action. We came together in 2018 at the ICLEI World Congress in Montréal to invigorate collective action and hold ourselves up as the torchbearers of change in the urban context. By convening in Montréal and directing our joint path, we set an important marker in our efforts to build the sustainable urban future which ICLEI envisions for all citizens of this world. We are determined to leave no one behind.

The ICLEI network has entrusted me with an important responsibility and placed their confidence in my actions and advocacy in the years to come. I will proudly carry forward the *ICLEI Montréal Commitment and Strategic Vision 2018-2024*. It is in our hands to act with a sense of urgency as we transform urban areas across the world, and secure a sustainable future for what will soon be two-thirds of humankind, while taking into account the mutual interdependence of urban and rural development.

As a network, we have laid out interconnected pathways for change in the *ICLEI Montréal Commitment and Strategic Vision 2018-2024*, which demonstrate our commitment to low emission, nature-based, circular, resilient and equitable and people-centered development. These pathways are designed to change individual communities and, through collective action, drive sustainable development globally.

Home to the ICLEI global headquarters for 10 years, Bonn has been an active part of a decade in which ICLEI has strengthened the action and voices of local and regional governments on the global stage. My city is fully committed to global leadership. We will continue scaling up our actions on the ground in order to send a clear signal that the local and regional governments of ICLEI are driving global change. Both for my own city and for our pioneering ICLEI network: now is our time to take this momentum and use it to ignite global change.

# GINO VAN BEGIN, ICLEI SECRETARY GENERAL



*In our urban era, the way cities and their surrounding regions grow, develop and change will play a decisive role in global development. Today, ICLEI is leveraging the power of our network to ensure urban sustainability delivers on the goals and aspirations of the global sustainable development agenda.*

Our growing network of more than 1,750 local and regional governments worldwide represent small, large and often fast growing cities, vast metropolitan areas, provinces and regions. ICLEI embodies the diversity of the urban world, and the challenges and opportunities it presents us.

Unprecedented global change is shifting the state of play in urban environments. ICLEI is confronting the impacts head on, knowing full well that systemic change is critical to real transformation.

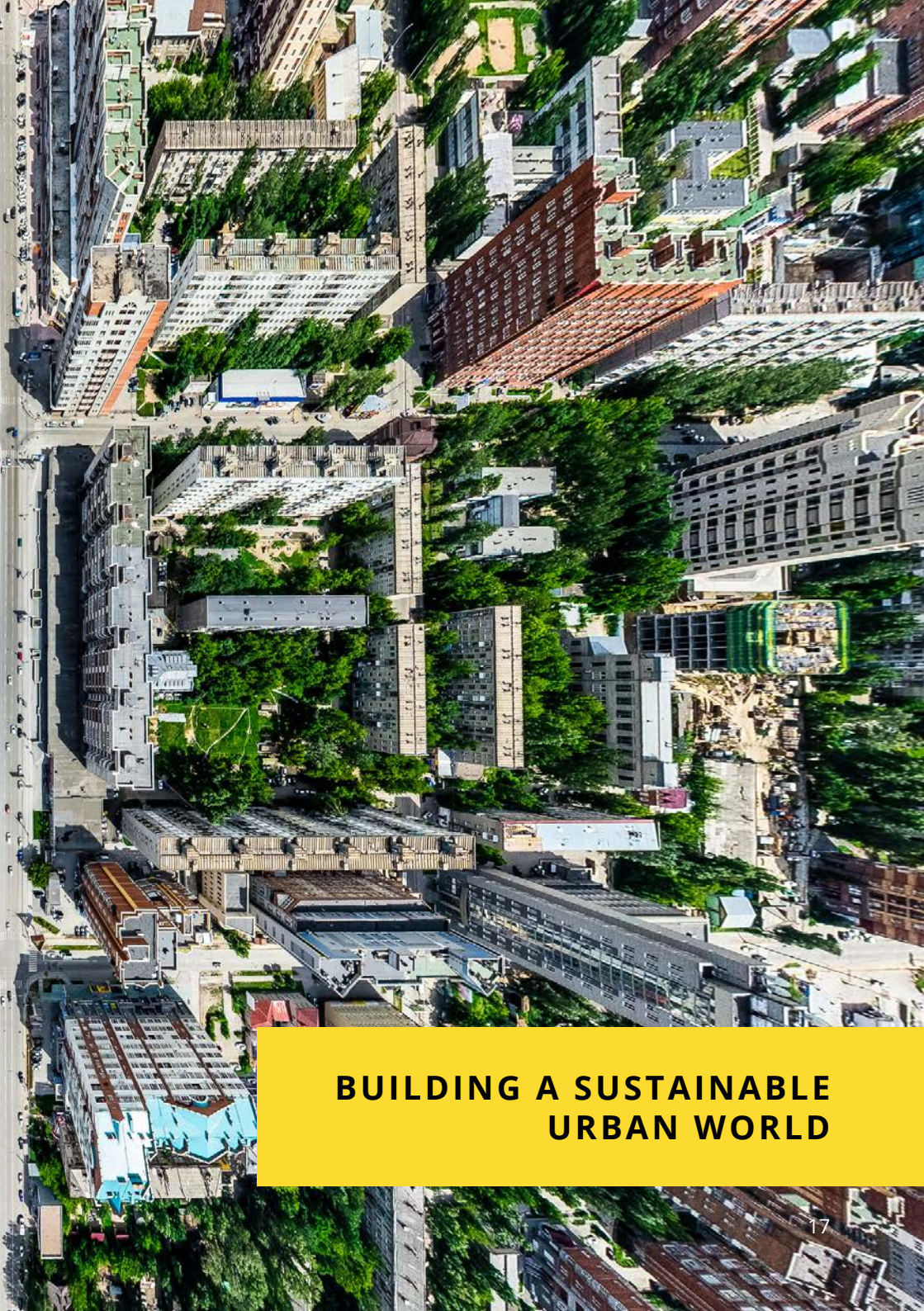
Through the *ICLEI Montréal Commitment and Strategic Vision 2018-2024*, the ICLEI local and regional governments have set a way forward towards that transformation. It is a guide that will make sustainability a permanent part of all development. It informs the actions that ICLEI offices around the world take on in the *ICLEI Montréal Action Plan* - now updated in 2019 - to facilitate that deep and lasting change globally.

ICLEI is and has always been committed to sparking global change through work that starts on the ground, at the local level. This is a core part of what it means to be part of ICLEI from the start and through our urban era.

An aerial photograph of a city, likely Montreal, showing a mix of urban buildings, green spaces, and streets. A large teal rectangle is overlaid on the top half of the image, containing white text. The text is arranged in five lines, reading: 'THE ICLEI', 'MONTRÉAL', 'COMMITMENT', 'AND STRATEGIC', 'VISION', followed by '2018-2024' on a separate line.

# **THE ICLEI MONTRÉAL COMMITMENT AND STRATEGIC VISION 2018-2024**





# **BUILDING A SUSTAINABLE URBAN WORLD**



This *ICLEI Montréal Commitment and Strategic Vision - Building a Sustainable Urban World* - was adopted by the ICLEI Council on 30 May 2018, in advance of the ICLEI World Congress 2018 in Montréal, Canada and is referred to as the *ICLEI Montréal Commitment and Strategic Vision 2018-2024*.

The *ICLEI Montréal Commitment and Strategic Vision 2018-2024* provides strategic orientation for action by the ICLEI network Members, of any size, at any subnational level, in any region, and where a model of sustainable development is either already in place or will soon be implemented.

The *ICLEI Montréal Commitment and Strategic Vision 2018-2024* lays out how the ICLEI network will advance sustainable urban development, from 2018 through 2024, locally and globally, in an era where new game-changing global frameworks have come into force, including the Paris



ICLEI IS DRIVING  
SUSTAINABLE  
URBAN  
DEVELOPMENT  
WORLDWIDE

**1750+** CITIES,  
TOWNS AND  
REGIONS

**126**  
COUNTRIES  
WORLDWIDE

Climate Agreement, the Sustainable Development Goals (SDGs) and the New Urban Agenda, and where a new stakeholder-driven model of sustainable development governance is emerging.

The *ICLEI Montréal Commitment and Strategic Vision 2018-2024* informs the *ICLEI Montréal Action Plan 2018-2021*, a compendium of programs, projects, initiatives, research, tools, methodologies, networks, partnerships, events, capacity building and advocacy which ICLEI offices will undertake together with the ICLEI local and regional governments. The compendium is a living list, most recently updated here in 2019, to which new activities shall be added each year and ongoing activities shall be updated as necessary. The *ICLEI Montréal Action Plan 2018-2021* demonstrates the breadth of the activities by detailing the region(s) in which the activity is taking place and the local and regional governments actively participating in the activity.



**23** OFFICES

**9** ICLEI REGIONS

**20%** OF  
THE GLOBAL  
POPULATION

**40%** OF THE  
GLOBAL URBAN  
POPULATION

# THE MONTRÉAL COMMITMENT AND STRATEGIC VISION 2018-2024

## COMMITMENTS

**SCALE UP  
AND EXPAND  
SUSTAINABLE  
CITIES AND REGIONS**

MAKE SUSTAINABILITY A  
**FUNDAMENTAL**  
PART OF ALL LOCAL AND  
GLOBAL DEVELOPMENT

**LOW EMISSION  
DEVELOPMENT**



## PATHWAYS

**NATURE-BASED  
DEVELOPMENT**



**CIRCULAR  
DEVELOPMENT**



## POLICY

OUR POLICY APPROACHES  
**TO DRIVE GLOBAL  
TRANSFORMATION**

**SUSTAINABLE GOVERNANCE  
& MANAGEMENT: SUSTAINABLE  
DEVELOPMENT IS A  
COLLECTIVE EFFORT**



TACKLE THE MOST  
PRESSING ISSUES OF  
OUR TIME TO PROTECT THE  
**LONG-TERM INTERESTS  
OF CITIZENS**

UNDERTAKE A  
**COLLECTIVE  
EFFORT**

FOR GLOBAL CHANGE ACROSS ALL  
SECTORS AND LEVELS OF GOVERNMENT

**RESILIENT  
DEVELOPMENT**



**EQUITABLE AND  
PEOPLE-CENTERED  
DEVELOPMENT**



**INNOVATION & SCIENCE:**  
SUSTAINABLE DEVELOPMENT  
MUST WORK WITH  
AND FOR ALL

FINANCE: SUSTAINABLE  
DEVELOPMENT NEEDS  
**INNOVATIVE**  
MODELS OF FINANCE

# WE LIVE IN AN URBAN CENTURY

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# WE LIVE IN AN URBAN CENTURY

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More than ever, our cities and surrounding regions are on the front line of a globally changing world and need to rapidly adapt to shifts in nearly every dimension of urban life.

The impacts of increasing urbanization, demographic change, climate change, technological advancement and development challenges, including public health crises, and the need to end systemic inequities and poverty, are particularly visible in our urban environments.

Many perceive our cities and surrounding regions as centers of opportunity and prosperity and, indeed, they are important hubs of economy, innovation, production, consumption, social and cultural interaction. At the same time, numerous cities are places where deep poverty and inequity prevail, and where severe natural degradation proliferates with ecosystems pushed past their thresholds.

As our cities rise, grow and change, so do the demands on our finite natural resources, further reinforcing disparities in communities across the world.

The only way forward is to urgently reverse this trend and drastically re-orient the patterns of our daily life, our built environment and the natural systems in and around our cities.

Over centuries, we have built urban environments and today they accommodate half of humanity. For decades we experimented, pioneered and made efforts to create sustainable cities and neighboring regions. In many cases we have been successful.

Now, we must accelerate and scale up these experiences to create an entire urban world that is sustainable.



An aerial photograph of a pond with green vegetation and a small island of plants. The text is overlaid on the top left of the image.

# **OUR MONTRÉAL COMMITMENT: BUILDING A SUSTAINABLE URBAN WORLD**

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# OUR MONTRÉAL COMMITMENT: BUILDING A SUSTAINABLE URBAN WORLD

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When a group of forward-thinking cities founded ICLEI in 1990, they took action before sustainable development was the predominant model for change. Today, in ICLEI, we are mainstreaming sustainable development in all aspects within and interacting with our shared urban future.

Being part of ICLEI nurtures our collective potential for creating change. Our ICLEI network of more than 1,750 Members and network-cities is widely recognized as a leading organization with visionary local leaders acting worldwide. We represent small, large and often fast growing cities, vast metropolitan areas, capitals, provinces and regions. Yet, we are deeply united in our commitment to inspire, learn from and work with each other on our shared journey towards a sustainable urban world.

With new UN sustainability frameworks in place towards 2030 and 2050, notably the Paris Climate Agreement, the Sustainable Development Goals (SDGs) and the New Urban Agenda – each for which we advocated so intensively over the last decades – we can now, more than ever, shape the global sustainable development agenda in collaboration with nations, subnational governments, business and civil society.

Therefore, we - the ICLEI Members - commit:

- > to scale up and expand the model of sustainable cities and regions to create a sustainable urban world. We regard sustainable development not just as smart but as fundamental to life on Earth; it is a right of all and not a privilege of a few.
- > to shift the balance towards sustainable development in and among our jurisdictions and make sustainability a fundamental and inextricable part of all local and global development.
- > to tackle the most pressing issues of our time in more fundamental and systemic ways than ever before and, in doing so, take profound decisions in the long-term interests of our citizens.
- > to undertake a collective effort for global change, pushing for action by all sectors and levels of government. The sum of our efforts, actions and policies will be a catalyst for the global change that humanity needs in this urban century.



# OUR VISION: ACTING THROUGH 5 STRATEGIC PATHWAYS

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As a compass to manage our rapidly changing urban and global environment and to transform our cities and regions that surround them, we – the ICLEI Members – will drive action through five critical and strategic pathways which are closely interlinked.

# OUR VISION: ACTING THROUGH 5 STRATEGIC PATHWAYS

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To achieve a sustainable urban world, we will undertake transformative actions that support:



## LOW EMISSION DEVELOPMENT

to curb climate change, create new economic opportunities and improve the health of people and natural systems.

- > We will drastically reduce all environmentally harmful pollutants and emissions from heating, cooling, lighting and food systems as well as reduce noise. We will reduce our greenhouse gas emissions in all our activities, especially in our transport, waste and building sector. We commit to implement the Paris Climate Agreement goal of keeping the global warming increase to well below 2°C and will pursue efforts to limit the temperature increase to 1.5°C above pre-industrial levels.
- > We will aim to achieve climate neutrality in our own infrastructure and operations before mid-century and actively promote the renewable energy era, by divesting from fossil fuels, by committing to 100 percent renewable energy and by using nature-based solutions.
- > We will promote sustainable passenger and freight mobility, prioritize clean fuel policies and electric vehicles from renewable energy where possible, and give priority to walking, cycling, public transit and shared mobility as part of people-centered solutions.



## NATURE-BASED DEVELOPMENT

to protect and enhance the biodiversity and ecosystems in and around our cities, which underpin key aspects of our local economies and upon which we depend for the well-being and resilience of our communities.

- > We will prioritize healthy local environments, in which air, water, soil and all natural resources that sustain life and health are protected and nurtured.
- > We will deploy strategies and plans that use the potential nature has to provide essential ecosystem services and to unlock new economic opportunities in our jurisdictions.
- > We will apply nature-based solutions, use blue and green infrastructure options and promote green zones to reconnect and engage with nature in our new urban world.



## CIRCULAR DEVELOPMENT

and new models of production and consumption to build sustainable societies that use recyclable, sharable and regenerative resources, to end the linear model of “produce, consume, discard” and to meet the material/development needs of a growing global population.

- > We will decouple urban, economic development from resource consumption and environmental degradation and factor environmental and social costs into the price of goods and services. We will encourage equitable access to resources and create closed-loop urban and peri-urban systems to end linear economic activity.
- > We will support new local economies that are productive and not extractive, where resources are exchanged and not wasted. We will prioritize sustainable waste management options including prevention, re-use and recycling of waste.
- > We will work with the business sector from early-market engagement to the delivery of solutions that support local sustainability goals and that meet the needs of all citizens. We will use our procurement power to green our economies.



## RESILIENT DEVELOPMENT

to anticipate, prevent, absorb and recover from shocks and stresses, in particular those brought about by rapid environmental, technological, social and demographic change, and to improve essential basic response structures and functions.

- > We will make resilience a core part of our municipal strategies and prepare for new risks and impacts taking into account the rights and needs of vulnerable sections of our society.
- > We will continuously strengthen our essential systems, including our municipal operations, to prevent, absorb and recover from shocks, stresses and unforeseen changes, alleviating the burden on people and the environment.
- > We will pursue a transparent and inclusive approach on resilience that will enhance trust in our institutions and the processes that support them.





## **EQUITABLE AND PEOPLE-CENTERED DEVELOPMENT**

to build more just, livable and inclusive urban communities and address poverty.

- > We will pursue processes and patterns of an “inclusive development for all” that safeguard the natural support systems for human life.
- > We will ensure that the natural and built environment in and around cities improves livability and safety, mitigates disease, promotes human health and well-being. We pursue secure and safe access to food, water, energy, sanitation for all, culture and education, as well as clean air and soil.
- > We will create and sustain human-centered, safe, and culturally vibrant communities where tangible and non-tangible cultural heritage activities are important assets and where diversity is woven into the social fabric.

# OUR POLICY APPROACHES TO DRIVE GLOBAL TRANSFORMATION

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By applying sustainable development principles within a local and regional context, ICLEI Members can effectively address and even reverse detrimental practices, bridging divides and connecting actors, sectors and regions of the world.

To support this commitment and strategic vision, we will strengthen transformative, innovative niches of sustainability, undertake necessary regulation, mitigate and manage social and environmental risk and halt the many manifestations of unsustainable behavior in our jurisdictions.

# **SUSTAINABLE GOVERNANCE & MANAGEMENT: SUSTAINABLE DEVELOPMENT IS A COLLECTIVE EFFORT**

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## **WE WILL PRIORITIZE DIVERSITY AND INCLUSIVITY ACROSS OUR ADMINISTRATIONS AND COMMUNITIES.**

Diversity in race, color, religion, creed, gender, age, physical and mental capabilities and sexual orientation will be a source of strength, innovation and new ideas. We celebrate the diversity of the communities we represent and ensure that the distinct voices and interests within them are heard.

## **WE WILL STRENGTHEN COOPERATION AT A REGIONAL SCALE.**

Cities are inextricably linked with and depend on the peri-urban and rural areas and their ecosystems. We will therefore formulate and implement urban sustainable development strategies that are designed with a territorial and supply-chain approach. We will bring the voice of our citizens to the global sustainable development debate.

Local, national and global policy must be shaped from the ground up. Our governments are the closest to the citizens of the world, and we can best demonstrate how development decisions impact their real lives, every day. It is our duty to engage with the people of our communities, to understand their perspectives and to spread the message globally. We will unite our voices and advocate for appropriate, formal consultation and hearings at all relevant international organizations, agencies and institutions.

## **WE WILL FOSTER STRONG PARTNERSHIPS TO ADVANCE GLOBAL SUSTAINABILITY.**

Delivering on the global sustainable development goals requires coordinated action across national, regional and local governments, multilateral organizations, international agencies, research and development institutions, as well as civil society. We will push to redefine sustainable development as a joint effort, positioning all levels of government to rapidly advance global sustainability goals and seek support for our actions, including finance, capacity building, research and innovation. We will work in partnership, from the UN level to the local level, to expand sustainability across the urban world.

# **INNOVATION & SCIENCE: SUSTAINABLE DEVELOPMENT MUST WORK WITH AND FOR ALL**

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## **WE WILL USE DIGITAL TECHNOLOGIES AS A TOOL FOR INCLUSION AND SAFEGUARD SUSTAINABILITY-DRIVEN DIGITALIZATION.**

Our connected, technological world creates many new challenges and risks for sustainable cities, including data security risks, increased infrastructure vulnerability and large resource use. At the same time, technology provides new tools for community engagement, data collection and co-creation of solutions. We will promote conscious, sustainability-driven use of these tools to promote citizen-driven action, crowdsourced ideas and co-designed solutions, bridging all forms of the social divide. We will use these open processes to empower communities and to enable citizens to drive digitalization transparently, democratically, safely, responsibly and in line with sustainability principles. We will promote evidence-driven and science-based policy and action at all levels of government.

Scientific evidence and practitioner expertise are the foundations of sound policy. We will improve the collection, creation and dissemination of scientifically-sound knowledge and accurate information and enhance transparency and accountability in the process. We will take such information to national and global conversations, making sure that decisions are connected to what happens on the ground. We will empower our officials and leaders to collaborate with the scientific community, increase funding for urban research, craft and jointly pursue targeted research agendas as well as co-create and apply new knowledge and insights.

## **WE WILL DRIVE INNOVATION THROUGH CITY-BUSINESS COLLABORATION AND CREATE SPACE FOR OPEN INNOVATION.**

Participatory planning and development has entered a new age of co-design and co-creation. We will set up partnerships with institutions and communities to generate ideas, test solutions and evaluate the potential impacts of new policies based on real-life scenarios.

# **FINANCE: SUSTAINABLE DEVELOPMENT NEEDS INNOVATIVE MODELS OF FINANCE**

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## **WE WILL SHIFT THE FINANCING AND PROCUREMENT LANDSCAPE.**

All the aforementioned activity requires financing, and we will seek funding partnerships to support our long term commitment. Making funding more directly accessible to all levels of government and distributing that same funding more appropriately is essential to advance sustainable development at our level.

We will push to unlock financing for our projects and will design innovative local mechanisms to raise capital and increase sustainable investments. We will use our public procurement potential as an instrument to accelerate the uptake of sustainable and innovative products and services.

## **Sustainable development is the only viable pathway for global change in today's world.**

We will deliver visionary leadership and political support to accelerate action on sustainable development worldwide. We will lead by example, share our knowledge openly and speak with a united voice. We will create lasting mechanisms for change that make sustainability a permanent framework, informing all development decisions. This global imperative is vulnerable to political shifts at any moment – and we need durable forces to carry us forward.

The *ICLEI Montréal Commitment and Strategic Vision* is our pledge to make sustainable development the only model for development in the urban 21st century. Our joint programs, projects, initiatives, research, capacity building and advocacy in ICLEI drive worldwide action. Our mutual support for and solidarity with one another are core reasons why we are part of ICLEI. Our interactions build a global movement that includes a growing number of local and regional governments worldwide. We spark local action at a global scale and in doing so we leverage the power of the ICLEI network. The world is watching our actions and takes cues from our ambition.

This *ICLEI Montréal Commitment and Strategic Vision “Building a Sustainable Urban World”* was adopted by the ICLEI Council on 30 May 2018, in advance to the ICLEI World Congress 2018 in Montréal, Canada and is referred to as the *ICLEI Montréal Commitment and Strategic Vision 2018-2024*. This *ICLEI Montréal Commitment and Strategic Vision* provides strategic orientation for action by ICLEI Members and network cities, of any size, at any subnational level, on any continent and where a sustainable model of development may soon take hold or is already well ongoing. It lays out how ICLEI Members and network-cities advance sustainable urban development, now through 2024, locally and globally, in an era where new game-changing global frameworks have come into force, including the Paris Climate Agreement, the Sustainable Development Goals (SDGs), the New Urban Agenda, and where a new model of sustainable development governance that includes more stakeholders is emerging.

The *ICLEI Montréal Commitment and Strategic Vision* informs the *ICLEI Montréal Action Plan 2018-2021* that provides an overview of programs, projects, initiatives, research, capacity building and advocacy that ICLEI offices will undertake, now through 2021, and in which ICLEI Members and network cities can participate to fulfill the *ICLEI Montréal Commitment and Strategic Vision 2018-2024*.





# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021





## **DRIVING THE MONTRÉAL COMMITMENT FORWARD**

# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Cities are complex systems. The components of urban systems, from food distribution networks and energy grids to transport and greenways, are interconnected and dynamic. Intervening to create change in any one of these components may impact others, creating systemic change. Designing solutions that take these interconnections into account is critical to sustainable development and has a marked impact on urban citizens.

The five ICLEI pathways towards low emission, nature-based, equitable, resilient and circular development are designed to create systemic change. The pathways are a framework for designing integrated solutions that balance the patterns of human life and the built and natural environments. They are a basis for sustainable urban development that considers the complexity of urban systems.

## **THE ICLEI MONTRÉAL ACTION PLAN 2018-2021 – UPDATED IN 2019 – IS A COMPENDIUM OF CONCRETE ACTIONS THAT ICLEI IS UNDERTAKING WITH THE ICLEI LOCAL AND REGIONAL GOVERNMENTS TO ACHIEVE SUSTAINABLE DEVELOPMENT THROUGH THE FIVE PATHWAYS.**

Informed and driven by the *ICLEI Montréal Commitment and Strategic Vision 2018-2024*, the *ICLEI Montréal Action Plan 2018-2021* is the compendium of programs, projects, initiatives, research, tools, methodologies, networks, partnerships, events, capacity building and advocacy that ICLEI engages on together with local and regional governments. As a living list, the activities will be updated every year, and new activities shall be continuously added. The *ICLEI Montréal Action Plan 2018-2021* shows the region(s) in which the activity occurs, and the jurisdictions actively participating, if applicable. In this context, ICLEI uses the term “jurisdiction” to refer to any type of local or subnational government. The activities are organized by predominant pathways, but many activities contribute to two or more pathways.

The pathways encourage holistic thinking to ensure that ICLEI optimizes our impact. We design our work to integrate as many pathways as possible. When more pathways are integrated into any given activity, such as a project, partnership or initiative, a greater degree of change can occur. For instance, we consider how nature-based development contributes to resilience, or how to bring equity into low emission development.



**194** CONCRETE  
ACTIONS AND  
INITIATIVES AS  
OF JUNE 2019

**1,983** CITIES  
AND REGIONS  
INVOLVED

Each activity can be guided by a predominant pathway or set of pathways. In any given city or region, multiple activities may be implemented along each pathway. These activities help local and regional governments advance sustainable urban development. By incorporating the pathways into our work, entire urban systems become more sustainable.

When these pathways guide local and regional development, urban systems become more sustainable. Local and regional governments use these pathways to achieve sustainable urban development through systemic change. Each individual pathway is multidimensional, incorporating numerous strategies for sustainable development. As part of the low emission pathway, for example, we look at anything from transport and buildings to energy, waste, health and economic impact.



Urban systems are part of a broader city-region territory. Local and regional governments and their urban systems are interconnected. We address city-to-city and rural-urban linkages to create a multiplier effect. Our network of local and regional governments drives sustainable urban development worldwide.



# HOW THE FIVE ICLEI PATHWAYS ADVANCE THE SUSTAINABLE DEVELOPMENT GOALS

## NATURE-BASED DEVELOPMENT



## RESILIENT DEVELOPMENT





## LOW EMISSION DEVELOPMENT



## CIRCULAR DEVELOPMENT



## EQUITABLE AND PEOPLE-CENTERED DEVELOPMENT



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

## LOW EMISSION DEVELOPMENT PATHWAY

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Low emission development curbs climate change, creates new economic opportunities and improves the health of people and natural systems. It reduces pollutants and emissions, aims to achieve climate neutrality, and promotes renewable energy by divesting from fossil fuels and using nature-based solutions. Successful low emission development promotes sustainable passenger and freight mobility, giving priority to walking, cycling, public transit and shared mobility as part of people-centered solutions.



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Low emission development pathway



## Global Covenant of Mayors for Climate & Energy

ICLEI provides technical guidance by participating in GCoM's technical working groups, which address mitigation and adaptation in specific data-related sub-groups, including Emissions and Targets; Climate Action Planning; Resilience; and Access to Energy. ICLEI also participates in non-data related groups, including Access to Finance; Governance and Regional Coherence; Research; and Communications.

ICLEI has a representative in each group and sub-group, submits written comments and attends calls and in-person meetings. The goal is to unify and centralize how data are reported, using which channels, and how is it communicated to global stakeholders. ICLEI also provides data revision towards GCoM requirements for ICLEI Members and network of cities.

*366 jurisdictions around the world*

*Advances SDGs 7, 11, 12, 13*



## Transformative Actions Program

The Transformative Actions Program (TAP) provides a framework for this by connecting transformative local climate projects with project preparation facilities (PPFs) and tools that improve project bankability. Projects in the pipeline are screened based on their transformative impact which ensures their enduring potential. ICLEI develops partnerships that connect the goals of diverse stakeholders into one coherent value chain for developing robust, transformative and bankable projects that will accelerate low-to-no emission and climate-resilient development. ICLEI regional offices act as catalysts for mobilizing projects and as the first “filter” to identify priority projects.

*105 jurisdictions around the world*

*Advances SDGs 11, 13*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Low emission development pathway



## **Towards 100% Renewable Cities and Regions for Climate Change Mitigation**

The project promotes multilevel governance policy dialogue, strengthen capacities and encourage the development of national, regional and local enabling frameworks to unlock local RE potential, also addressing energy efficiency. ICLEI will showcase how local projects and policies contribute to the achievement of national climate and energy targets in Nationally Determined Contributions (NDCs) and other policy objectives such as energy security and job creation, in alignment with the Sustainable Development Goals.

*98 jurisdictions around the world*

*Advances SDGs 7, 8, 9, 10, 11, 13*



## **Accelerating Climate Action Through the Promotion of Urban Low Emission Development Strategies**

Human activities contribute a significant and growing proportion of global greenhouse gas emissions, with the increased demand for energy and other services in urban areas – also driven by rapid population growth – exacerbating the climate challenge. There is an urgent need for actions that will substantially contribute to the Paris Agreements climate targets, to stay well below 1.5 Degrees Celsius.

Under the Urban-LEDS Phase II project funded by the European Commission, United Nations Human Settlements Programme (UN-Habitat) and ICLEI are jointly implementing this project addressing integrated climate action in local governments and their cities. Using ICLEI's GreenClimateCities process methodology, technical guidance and capacity development is provided to selected local governments, also mobilizing cities to commit to the Global Covenant of Mayors for Climate & Energy (GCoM), exploring access to financing and supporting multilevel governance to enable effective action.

*57 jurisdictions around the world*

*Advances SDGs 3, 7, 11, 13, 17*





# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Low emission development pathway



## Global Platform for Sustainable Cities

Funded by the Global Environment Facility (GEF), The Global Platform for Sustainable Cities (GPSC) is a partnership and knowledge platform that promotes integrated solutions and cutting-edge support for cities seeking to improve their urban sustainability. ICLEI, together with WRI and C40, serve on the GPSC Resource Team. The Resource Team facilitates peer exchange and provides high-level technical assistance, capacity development and curated knowledge products to local and regional governments to advance sustainable, and integrated, urban development. The GPSC RT serves local and regional governments by implementing a needs assessment and offering peer exchange, delivering training and promotional events and webinars and creating new and curated knowledge products. By situating city-level implementation projects in a broad sustainability framework, ICLEI, as a member of the GPSC RT, offers a holistic approach to urban development.

*28 jurisdictions around the world*

*Advances SDGs 3, 7, 8, 9, 11, 12, 13, 17*



## Cities and Regions Talanoa Dialogues 2018

Responding to the Fijian COP23 Presidency call, in its capacity as focal point of the Local Governments and Municipal Authorities (LGMA) constituency at the UNFCCC, ICLEI worked with UN-Habitat and the Global Covenant of Mayors for Climate and Energy to mobilize Cities and Regions Talanoa Dialogues in 2018. The aim was to enable discussion between different levels of government on scaling up climate action.

*27 jurisdictions around the world*

*Advances SDGs 11, 13*



## CITYFOOD Network

CITYFOOD accelerates local and regional government action on sustainable and resilient city-region food systems by combining networking with technical expertise through training and policy guidance and facilitating local and regional engagement in international discourse.

The network promotes food security, social inclusion, economic development and environmental resource management by combining networking with training, policy guidance and technical expertise on city-region food systems worldwide.

*28 jurisdictions around the world*

*Advances SDGs 2, 3, 8, 11, 12, 13*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Low emission development pathway



## EcoMobility Alliance

The EcoMobility Alliance is a network of selected committed cities led by innovators and visionaries, supported by experts and businesses. The EcoMobility Alliance cities are a select group of ambitious cities that have achieved positive results in specific dimensions of sustainable mobility, and that strive to reduce their dependence on fossil fuel-based personal automobiles. The vision is that of vibrant cities, where communities and organizations can access goods, services, people and information in an ecomobile manner.

Through a service-oriented structure, collective learning exercises, peer-to-peer exchanges and joint activities, Alliance Cities help each other to reach self-set goals. An Alliance Secretariat along with a group of partners support Alliance Cities through their expertise, experience, and technology. ICLEI works with the Alliance to promote and advocate for ecomobility in cities, towns and rural settlements on the basis of its beneficial effects on health conditions, air cleanness, noise avoidance, and efficient use of public space, energy efficiency and citizens' savings.

*23 jurisdictions around the world*

*Advances SDGs 3, 4, 5, 7, 8, 9, 10, 11, 12, 13, 16, 17*



## Global Lead City Network on Sustainable Public Procurement

The Global Lead City Network on Sustainable Procurement is a group of cities committed to drive the transition to sustainable consumption and production by implementing sustainable and innovation procurement. Participating cities act as ambassadors of sustainable procurement to lead to a resource efficient, low carbon and socially responsible society. Their aim is to share and develop capabilities to implement sustainable purchasing practices, as well as to help develop a supportive political framework for implementation.

ICLEI coordinates the GCLN on Sustainable Public Procurement.

Through defining quantified targets for their procurement processes, the GLCN members create political commitment to SPP. This allows them to implement ambitious SPP practices. After announcing quantifiable sustainable procurement related targets at COP23 in Bonn, ICLEI and the network will seek to expand its membership in different world regions, focusing on regional sustainable procurement leaders – in terms of achievements and/or ambition.

*16 jurisdictions around the world*

*Advances SDGs 11, 12, 13*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Low emission development pathway



## EcoLogistics - Low Carbon Freight for Sustainable Cities

ICLEI promotes low carbon urban freight policies and practices addressing climate change mitigation and the ambitions of NDCs. By highlighting ecologistics as a priority area for local and national governments the project raises awareness, collects and develops policy recommendations, develops action plans and guides pioneering cities to exemplary action. The project strengthens institutional capacity through multi-level stakeholder participation, develops an urban freight emission assessment tool, implements demonstration projects in cities, and makes national policy recommendations. A project platform accessible globally shares knowledge on best practices and connects local governments to solution providers.

*9 jurisdictions around the world*

*Advances SDGs 3, 9, 11, 13, 17*



## CitiesSHIFT - Capacity Building and Networking for Climate- and People-Friendly Mobility

The overarching goal of the “CitiesSHIFT: Capacity building and networking for climate- and people-friendly mobility” project is to support cities to identify challenges and opportunities of urban mobility system in hope that the city could shift towards more sustainable modes of travel i.e. walking, cycling, shared and public transport.

**Building a healthy living environment:** Urban form and sustainable mobility system contribute to a healthy urban environment. This TWG helps cities to get a big picture of what the residents need and the kind of city that the policymakers would like to create. Three main aspects: managing urban form and public space to benefit all residents; providing integrated, multimodal and ecomobile travel options.

**Emerging mobility trends:** The emerging mobility trends that cities have seen in recent years range from electric mobility to shared mobility systems, presenting new opportunities to reduce individual ownership and usage of private vehicles. The goal of this TWG is to support local governments to understand the different policy and market drivers to maximize the benefits of electric mobility and new mobility services to support an ecomobile vision.

*6 jurisdictions around the world*

*Advances SDGs 3, 5, 9, 10, 11, 13, 17*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Low emission development pathway



## One Planet Network/10 Year Framework Programme Sustainable Public Procurement

The 10YFP Programme on Sustainable Public Procurement (SPP) is a global multi-stakeholder platform that supports the implementation of SPP around the world. The program builds synergies between diverse partners to achieve the SDG target on SPP. The program provided support to purchasing bodies in the East Asia region to procure the best available sustainable products and services in sectors which are highly relevant in terms of potential energy and CO2 emission reductions and social impacts.

ICLEI provided Technical Assistance throughout the year 2018 to two Chinese and one Korean city implementing Green Public Procurement on the ground. Suwon City reaped environmental and economic benefits worth more than 800 million KRW; Guangming cut roughly 48% in cooling bills and 14% in carbon emissions per day; and the green evaluation system for furniture procurement of the Tianjin Binhai New District won 2018 China Government Procurement "Innovation of the Year" Award.

*3 jurisdictions around the world  
Advances SDGs 11, 12, 13*

## One Planet City Challenge

Through collaboration on the OPCC, which is led by WWF, ICLEI aims to encourage the reporting of climate related data from local governments around the globe, and to improve the quality of the reported data.

In partnership with CDP, ICLEI provides CDP and ICLEI's unified reporting system for the report of the data of OPCC participating cities.

ICLEI supports cities by checking their submitted data and by providing guidance. The OPCC acts as vehicle to raise ambition towards climate action globally, as well as to showcase the commitment from local and regional governments.

*408 jurisdictions around the world  
Advances SDGs 11, 13*





# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Low emission development pathway



## carbonn Climate Registry / CDP-ICLEI Unified Reporting System

Starting in 2019, local and regional governments are – for the first time – reporting climate action data through one unified reporting system. They give their permission to both CDP and ICLEI to use their publicly reported data and receive in return the support of both organizations. ICLEI uses this data to inform research and analysis activities focusing on diverse sectors from transport to waste, energy and air quality, and to represent local and regional governments on the global stage through our advocacy work. ICLEI supports local and regional governments to improve the quality of their reporting and provides performance reports to selected cities.

*1069 jurisdictions around the world*

*Advances SDGs 11, 13*



## Local Renewable Conference Series

Rising global energy use remains a major challenge, with cities and regions being central players in making energy more secure, clean and sustainable. To transform from a linear to a circular economy there is a growing need to take advantage of renewable resources, including energy. ICLEI supports the cities and regions initiatives aiming at 100% Renewable Energy. Since 2007, ICLEI has offered an international forum for discussion and exchange among policymakers and practitioners from various levels of government, energy experts, energy services providers, researchers and business representatives.

*Globally*

*Advances SDGs 7, 11, 13*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Low emission development pathway



## GreenClimateCities Program

ICLEI can help raise ambition and connect cities, towns, and regions who are seeking to solve the problems of climate change. The GreenClimateCities (GCC) Program offers cities a proven process methodology for walking step-by-step toward climate neutrality. The GCC program supports local communities on the front lines addressing the challenges and opportunities of urban growth, exploring the potential of green economy and green/blue infrastructure and pursuing a low emission and climate resilient development trajectory. The GCC methodology is a nine step process offering support on assessing climate risks and vulnerabilities and integrating low-to-no emissions development and climate adaptive development) into urban development policies, plans, and processes. It consists of a wide range of resources, tools and guidance notes to support local and regional governments to deliver ambitious local climate action.

*Globally*

*Advances SDGs 11, 13*



## NDC Partnership

Building upon ICLEI's commitment to engage in the NDC Partnership and as the first associate member, ICLEI created a modular approach to addresses the vertical integration of NDC implementation and investment plans, outlining the contribution of local and regional governments in the NDCs. ICLEI's participation is structured in four parts: coordinating a multilevel action working group (MAWG); knowledge products and tools; country engagement for developing Partnership Plans (PPs), working with countries wanting to join the NDCP; and project management and coordination with a range of partners.

*Globally*

*Advances SDGs 5, 7, 9, 11, 12, 13, 15, 17*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Low emission development pathway



## Solutions Gateway

ICLEI provides detailed guidance and practice-oriented resources to technical staff through an open access, online, low emission development platform. The Solutions Gateway is an online resource platform for local and regional governments where they will be able to find relevant Low Emissions Development (LED) Solutions for their cities. The platform contains sectoral and cross-sectoral packages of activities, structured along local government responsibilities and spheres of influence, to support cities in the development of low-emission strategies, plans, and projects. The Solutions Gateway contents are based on proven technologies and practices, distilled into Solutions and Solution Packages which are drafted and peer-reviewed by experts of the respective field.

*Globally*

*Advances SDGs 11, 13*



## City Climate Planner Program

The City Climate Planner program ensures urban professionals are equipped to support local climate action planning, including developing greenhouse gas (GHG) emission inventories; climate action planning (low emission development planning); and climate adaptation planning. These efforts are essential building blocks of local planning and policy development efforts of local governments in addressing climate change.

The Urban Greenhouse Gas Inventory Specialist credential is City Climate Planner program's first professional certification. It focuses on GHG emission inventories, recognized as a key building block in developing quality climate action plans. Over 20 professionals at ICLEI - Local Governments for Sustainability are accredited to provide the training.

*Globally*

*Advances SDGs 7, 11, 12, 13*



## Kaohsiung Strategies for the Future of Urban Mobility

ICLEI enables cities to advance on the Kaohsiung Strategies for the Future of Urban Mobility, an implementation framework for the Shared Mobility Principles, a cooperation platform aiming to advance a new urban mobility paradigm, advising and motivating our Members along these strategies, and have endorsed the Shared Mobility Principles

*Globally*

*Advances SDGs 3, 11, 13*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Low emission development pathway



## Cultivating a Culture of Sustainable Cities (KYOTO+20)

Recognizing that cities play an important role in leading the way to achieve carbon neutrality in the second half of this century, namely the goals of the Paris Agreement, ICLEI supports cities and regions laying out their vision on a sustainable society in 2050. The declaration lays out a vision for cities leading up to 2050 and encourages cities around the world to join Kyoto in cultivating a culture of sustainable cities that is in balance with the local and global environment.

*Globally*

*Advances SDGs 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17*



## City Initiatives at “Global Corporate Sustainability Forum”

ICLEI is one of organizers of the Global Corporate Sustainability Forum which brings together organizations, institutions and academia and features diverse and engaging activities. The implementation of corporate sustainability initiatives is one of the main activities that are now expected from the international business community, not only for their own long-term interests but for the world's common interests. To bridge the gap and open the dialogue between public and private sectors on sustainability in Asia, ICLEI will host a parallel session on Cities Initiatives during the opening day of Global Corporate Sustainability Forum, in cooperation with the Organizer, Taiwan Institute for Sustainable Energy (TAISE), ICLEI Member Cities in Taiwan and other local partners.

*Globally*

*Advances SDGs 12, 13, 17*



## Global Climate City Challenge

The Global Climate City Challenge is part of a new partnership under the umbrella of Global Urbis, an ambitious global initiative announced during the One Planet Summit in Paris in December 2017, that provides cities and local governments around the world with technical assistance and financing for climate action. The Challenge is a collaboration between the Global Covenant of Mayors and the European Investment Bank with city networks including ICLEI and C40, as well as the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ). ICLEI screens project applications and proposes an initial short list of 20 projects to be considered for the final list of 6 to access technical assistance.

*Globally*

*Advances SDGs 11, 13*





# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Low emission development pathway



## City Climate Cup

In the past, we had primarily two ways of addressing global problems: nation-states and global corporations. The City Climate Cup propose a third, complementary way of addressing global problems: through networks of cities and the mobilization of civil society. City Climate Cup would produce novel solutions to global problems, and encourage their implementation and the learning of cities from each other. We propose to measure and benchmark sustainability progress, celebrate achievements and organize the sharing of good practices.

ICLEI is a Founding Signatory of the City Climate Cup initiative and aims to engage with cities to both encourage participation and highlight achievements through its available channels of communication in order to advocate for urban climate leaders to take the sherpa role for its peers.

This activity is designed to encourage citizen participation through the use of apps and other measuring methods in support of its city climate goal in low emission development.

*Globally*

*Advances SDGs 3, 7, 11, 12, 13*



## Global Agenda on Cities and Climate Change Science

ICLEI advances global dialogue and action that links science, policy and practice, by convening city leaders and practitioners with research and academia, national governments and entrepreneurs to examine policy gaps and opportunities. This work supports the global Innovate4Cities accelerator that defines research and innovation priorities to inform national research agendas and analyses - as galvanized by the Edmonton Declaration in support of CitiesIPCC process.

*Globally*

*Advances SDGs 11, 13*



## Global Task Force of Local and Regional Governments

In order to increase effectiveness of the advocacy of local and regional governments at the global processes, ICLEI will improve internal strategic planning, networking, coordination and dissemination activities of the Global Task Force of Local and Regional Governments and its relations to UN member states and decision making bodies UN bodies.

*Globally*

*Advances SDGs 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Low emission development pathway



## Outreach to UN Agencies

In order to improve visibility and enhance recognition of, and mobilize support for its action and network, ICLEI enhances dialogue, collaboration and engagement in the UN system, with a specific focus on those related to its fields of its expertise such as the secretariat of the other multilateral environmental agreements, the UN Environment Management Group, Local2030 and UN SDG Knowledge Development Center, as well as regional and global processes outside the UN such as G7/G20, OBOR, BRICS or other regional initiatives.

*Globally*

*Advances SDGs 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17*



## UN System Reform

In order to ensure that the work of the UN fits the mission of the new sustainable development agenda and align with the spirit of enhanced collaboration with all levels of governments, ICLEI provides active contributions to the work of the UN Secretary General in the UN development system reform and 2019 UN Climate Summit, including development of customized strategies at the national level.

*Globally*

*Advances SDGs 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17*



## Climate and Clean Air Coalition Urban Health Initiative

ICLEI promotes the implementation of short-lived climate pollutant reduction strategies by mobilizing and empowering the health sector and demonstrating the full range of health benefits that can be achieved at the city level. A significant transformation in the current trajectory of air and climate pollutant emissions requires increased engagement, commitment and action at the global, regional, national and local levels. Health arguments can be a powerful incentive and driver for such action, in particular on the city level, where benefits of local policy change translate directly to health benefits among the local population.

*Globally*

*Advances SDGs 3, 7, 11*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Low emission development pathway



## ClearPath

In order to take accurate actions against climate change, it is fundamental to know the exact data. ICLEI developed and maintains an online suite of emissions management tools packaged together in an application known as ClearPath. The software is based on the Greenhouse Gas emissions protocols and allows cities in North American cities to calculate, forecast, plan, and monitor emissions under all community and local government operations protocols.

*383 jurisdictions in North America*

*Advances SDGs 3, 7, 11, 13, 17*



## C-Track 50

There's growing concern with the pace in achieving greater efficiency and 100% renewable urban energy systems. ICLEI mobilizes and guides public authorities in defining long-term energy policy priorities, promotes multi-level governance and supports regional and local authorities in developing, financing and implementing ambitious integrated sustainable energy and climate policy action plans in order to achieve climate resilience and carbon neutrality by 2050.

*70 jurisdictions in Europe*

*Advances SDGs 7, 13*

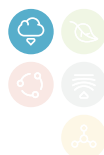


## Low Emission Development Support for Member Cities in South America

ICLEI offers a comprehensive approach and tools to support ICLEI member cities towards low emission development policies, with collective trainings or personalized support in South America.

*60 jurisdictions in Latin America & Caribbean*

*Advances SDGs 11, 13*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Low emission development pathway



## GreenCharge

GreenCharge empowers cities and municipalities to make the transition to zero emission, sustainable mobility with innovative business models, technologies and guidelines for cost efficient and successful deployment and operation of charging infrastructure for electric vehicles. This will reduce the need for grid investments to establish new charging stations, remove range anxiety and enable the sharing of already existing dedicated charging facilities for EV fleets.

*50 jurisdictions in Europe*

*Advances SDGs 11*



## Asia LEDS Partnership Secretariat Services

ICLEI supports and promotes regional cooperation and collaboration and facilitates learning across member organizations and Asian countries for the Asia LEDS (Low Emission Development Strategies) Partnership (ALP), a voluntary regional network comprised of organizations and individuals from the public, private, and non-governmental sectors active in designing, promoting, and/or implementing LEDS in Asia. ICLEI assists Asian countries to advance LEDS, green growth strategy and achieve NDC targets. ICLEI offers peer-to-peer knowledge sharing and learning through online sessions and in-person regional peer learning and training workshops; access to resource materials such as issue briefs, case stories, decision tools, and training materials that enable practitioners to champion LEDS; and technical assistance to address specific technical needs and advance LEDS and NDC implementation.

*45 jurisdictions in East Asia, South Asia and Southeast Asia*

*Advances SDGs 7, 13*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Low emission development pathway



## GHG Emissions Inventory Online Training: “First Steps for Local Climate Action”

ICLEI South America’s “First steps for local action” GHG emissions inventories online training addresses the initial phases for cities to start acting on climate. It offers local authorities introductory concepts of the challenges cities are facing with climate change and guides them through practical guidelines to tackle the problem, based on the GreenClimateCities (GCC) methodology. To support autonomy and leadership in cities, the training also highlighted the technologies available to support GHG emissions evaluation and analysis, through Clearpath and CLIMAS platforms, and showcased testimonies from cities who have already started or succeed in the process.

These online trainings have been held since 2016, but in 2018 it was the first time it was available in a new and dynamic format online. The training was offered to the local staff of all South American ICLEI members during a period of 5-weeks course, comprised of informative videos, supplemental reading resources, live webinars with specialists, quizzes and remote support.

As a result of the training, local government representatives have a better understanding of the challenge they have ahead of them and will be able to conduct the GCC methodology in an independent way, with ICLEI’s support.

*38 jurisdictions in Latin America & Caribbean  
Advances SDGs 11, 13*



## Procura+ European Sustainable Procurement Network

Procura+ is a network of European public authorities and regions that connect, exchange and act on sustainable and innovation procurement. The network has 42 participating public authorities from 16 European countries. ICLEI offers the Procura+ participants a range of activities and resources to advance their sustainable public procurement work, including recognition through the Procura+ Awards; a city twinning program to facilitate staff exchanges; a platform to share plans and publicize successes; education and professional development opportunities; and the Procura+ manual, an accessible guide supporting public authorities in successfully implementing sustainable public procurement.

*38 jurisdictions in Europe  
Advances SDGs 9, 11, 12, 13*





# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021



Low emission development pathway

## Procura+ East Asian Green Procurement Network

The Procura+ East Asia Green Procurement Network aims to accelerate climate and environmental actions by equipping local governments and public authorities in East Asia with advanced knowledge and skills to upscale green and sustainable procurement practices at the local level. Through Procura+ East Asia, participating local authorities will be equipped with GPP approaches and tools via training programs, and will be provided with access to expert guidance on formulating local green specifications and procurement strategies, as well as tender advice on targeted climate and environmental issues. Participants will also have various opportunities to showcase their successful stories and achievements in green procurement on the international stage by participating in forums/workshops, the Procura+ Award, and publishing case studies on the Procura+ Online Platform. The project connects public authorities, solution providers and advocacy in the region to collectively mainstream green procurement practices at the local level, and promote advanced GPP knowledge and experiences for peer learning and exchange internationally.

*38 jurisdictions in East Asia  
Advances SDGs 11, 12*



## Development of IMT-GT Sustainable Urban Development Framework

ICLEI is helping to develop a Sustainable Urban Development framework in South Asia. The framework is to be based on UNEP's Environmental, Social and Economic Sustainability framework, addressing the recently adopted Sustainable Development Goals, through actions developed on the basis of the framework. The goal of the framework is to adopt an integrated approach where the principles of a socially inclusive, economically viable, resilience and environmentally sound growth, drive all decisions and actions (governance, policies, strategies, technologies, infrastructure, planning, community involvement etc.) and result in sustained and resilient economic development in the region.

*32 jurisdictions in South Asia  
Advances SDGs 6, 7, 11, 13*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Low emission development pathway



## Knowledge Sharing and Capacity Building on Climate Change Policies

ICLEI has been working with the Seoul Human Resources Development Center (SHRDC) since 2016 to annually conduct training programs for local government officials from ICLEI Member and other. Since 2016, ICLEI East Asia has worked with the Seoul Human Resources Development Center (SHRDC) to conduct annual training programs for local government officials from cities across Asia to support their efforts in achieving sustainable and low emission urban development.

The week-long training program is composed of various sessions from policy presentations to site visits and group discussions, with a special focus on climate change mitigation and adaptation, energy transition, transportation, waste management, air pollution management, and GHG emissions inventories. As a key take-away of the training, participants will draft action plans for their respective local governments, combining learning from the training and site visits, as well as their daily tasks. The 2019 training took place on 19-23 May in Seoul.

*24 jurisdictions in East Asia and Southeast Asia  
Advances SDGs 11, 13*



## Building Efficiency Accelerator Partnership – Africa

ICLEI is implementing the BEA project in Africa through two initiatives. First, ICLEI coordinates the Africa Regional Network for BEA where organizations working across Africa on issues of building efficiency share lessons, current practices, and coordinate their work. The network includes organizations such as C40, WWF – South Africa, the Green Building Council of South Africa, the Global Green Growth Initiative – Rwanda, Econoler, the Botswana Green Building Council, and the Kenya Green Building Society. Through this network, organizations are able to connect and align their efforts to ensure cities across Africa are well-supported to improve building efficiency. Furthermore, ICLEI is actively recruiting cities and private sector partners to be members of the BEA Partnership to benefit from technical assistance and peer-to-peer knowledge exchange on building efficiency.

Additionally, ICLEI, in partnership with the Green Building Council of South Africa, is implementing one of eight global BEA Deep Dive engagements in the City of Tshwane, South Africa.

*24 jurisdictions in Africa  
Advances SDGs 7, 11, 12, 13, 17*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021



Low emission development pathway

## Building Efficiency Accelerator – Southeast Asia

The Building Energy Efficiency Accelerator (BEA) assists sub-national governments in speeding up the process of adoption of best-practice policies and implementation of building efficiency projects, with the goal of doubling the rate of energy efficiency improvement in the building sector by 2030.

ICLEI is the regional lead for all activities in Southeast Asia. The BEA process of engagement in a city includes support for: Assessing and prioritizing locally-appropriate policies and actions; Implementing actions, through matching needs with expertise, resources and tools; Tracking action and documenting progress, and sharing lessons learned. BEA engages cities through a menu of policy options and key actions based on needs, and activities the partnership can provide in each location. Cities prioritize policies and activities, and the partnership connect them to resources and engagement around those priorities.

*24 jurisdictions in Southeast Asia*

*Advances SDGs 7, 11, 13, 17*



## Building Efficiency Accelerator – East Asia

The Building Efficiency Accelerator is a global partnership of businesses, NGOs, and multilaterals to assist local governments in taking actions to improve energy efficiency in the building sector. Local and regional governments joining the partnership will commit to implementing three actions: one demonstration project, one policy, and one method to track the progress. Through working with partners from the Building Efficiency Accelerator, local governments will develop projects and strategies to achieve the commitment.

ICLEI is the Local Building Efficiency Accelerator Lead Partner, taking responsibility to plan and execute the work plan, to coordinate participating cities and stakeholders, and to facilitate engagement among business and local governments. ICLEI supports two cities in the region of East Asia.

ICLEI supports local governments to assess and prioritize policies and actions, match needs with technical expertise and resources provided by the Building Efficiency Accelerator, develop financial strategies to replicate pilot projects, and track the progress.

*24 jurisdictions in East Asia*

*Advances SDGs 7, 11, 13, 17*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Low emission development pathway



## Building Efficiency Accelerator – South Asia

ICLEI has been appointed as the BEA Regional Lead in South Asia to act as the lead organization to plan and execute the work plan alongside Nagpur City. ICLEI acts as a technical advisor and will facilitate stakeholder engagement and events, technical support, city recognition and peer learning. The project will build local capacity that can continue building efficiency activities after direct BEA assistance ends.

*24 jurisdictions in South Asia*

*Advances SDGs 7, 11, 13*



## Platform For Coal & Carbon-Intensive Regions In Transition

The 'Platform on Coal Regions in Transition' supports coal regions (local and/or regional governments) to take on the challenge of the clean energy transition by building capacity through needs-oriented technical assistance, focusing on key areas of the transition process; developing support materials, toolkits, guidelines, and reports, focusing on issues such as employment, governance, financing, environmental rehabilitation, clean air, and technologies; and connecting stakeholders and facilitating dialogue among regions and the wider stakeholder community. ICLEI aims to build awareness of the Platform and develop a reputation for the Platform as a valuable source of expertise and information among primary target audiences. ICLEI fosters the creation of dynamic knowledge-sharing communities among the Platform's primary target audiences and encourages participation in cooperation and knowledge-sharing activities.

*13 jurisdictions in Europe*

*Advances SDGs 7, 9, 11, 12, 13*



## Handshake

The policies and solutions pioneered by cycling champion cities have encouraged their citizens away from private cars and created healthy, environmentally friendly and economically thriving urban environments. ICLEI strengthens cooperation in the field of cycling through knowledge sharing and benchmarking. ICLEI engages passionate cycling advocates in a cultural and technical journey that will contribute to reshape the face of future cycling capitals, leading to improved quality of life, better public health, less traffic congestion, a cleaner environment, and increased economic growth.

*13 jurisdictions in Europe*

*Advances SDG 11*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Low emission development pathway



## Covenant of Mayors in Sub-Saharan Africa

Through this project, ICLEI as a leading member of the implementing consortium leads the work package set up to help enhance institutional frameworks through political advocacy and networking. ICLEI leads the project's support to address legal and institutional frameworks and promote multilevel governance in pilot countries to provide an enabling environment for local and national governments to coordinate and streamline their urban planning and relevant priority sector activities. To this end, ICLEI establishes dialogues (including Talanoa dialogues) and explores partnerships and networking opportunities with political leaders at all levels and leveraging on its role as focal point to the Local Governments and Municipal Authorities (LGMA) constituency of the UN Climate Change and the Friends of Cities group.

ICLEI also provides technical expertise to the local governments in the development of their Sustainable Energy Access and Climate Action Plans (SEACAPs); supports the project's work to enhance local climate finance and supports the project's communication and awareness raising activities.

*13 jurisdictions in Africa*

*Advances SDGs 7, 11, 13, 17*



## WinWind

ICLEI enhances the socially inclusive and environmentally sound market uptake of wind energy by increasing its social acceptance in 'wind energy scarce regions' (WESR). The specific objectives are screening, analysing, discussing, replicating, testing and disseminating feasible solutions for increasing social acceptance and thereby the uptake of wind energy.

*11 jurisdictions in Europe*

*Advances SDGs 7, 11, 13*



## East Asia Clean Air Cities (EACAC)

ICLEI serves as the Secretariat of EACAC, providing a long-term cooperation platform for East Asian cities committed to tackling air pollution through city-to-city exchange and collaboration. The main activities of EACAC include: 1) (co)organizing forums, workshops and study trips for capacity building; 2) facilitating participants' engagement; 3) compiling case studies on East Asian cities' air quality management; and 4) mobilizing resources for future development of the program and its member cities.

*10 jurisdictions in East Asia*

*Advances SDGs 3, 11, 13*





# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Low emission development pathway



## Municipal Climate Partnerships

Since 2011 the 'Municipal Climate Partnerships' project has aimed to strengthen partnerships between municipalities in Germany and developing countries for climate change mitigation and adaptation. The fifth phase of the project involves partnerships between German municipalities and municipalities in the Philippines and Vietnam, such as the three between Filipino and German municipalities, namely Muñoz – Marburg, Dumangas – Herdecke and Lubang – Ebhausen.

Through a process of professional peer-to-peer dialogue and exchange of experiences, in conjunction with mutual visits by delegations of local government experts, the municipal actors from Germany and their counterparts develop a joint bilateral program of action for climate change mitigation and adaptation. Both municipalities will identify specific project activities to be implemented in the joint program of action, and the resources needed for this.

ICLEI provides support in implementing workshops, delegation visits, and advisory services. The delegation visits provide partner municipalities a peek of the realities on the ground. This will then be one of the basis in prioritizing projects and activities in their joint program of action. All project activities are conducted in close coordination with Engagement Global/SKEW.

*10 jurisdictions in Europe and Southeast Asia  
Advances SDGs 9, 13, 17*

## PROSEU

ICLEI enables the mainstreaming of the prosumer phenomenon into the European Energy Union, supporting citizen participation, inclusiveness and transparency and most of all to contribute to a sustainable energy transition for Europe through decentralized approaches towards 2030 and 2050.

*9 jurisdictions in Europe  
Advances SDG 7*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Low emission development pathway



## Ambitious City Promises: Commitments for low-carbon urban development in Southeast Asian large cities

Through Ambitious City Promises, target local governments across Southeast Asia participate in in-country consultations to facilitate capacity building, policy advice and technology transfer support; develop new or improved comprehensive greenhouse gas emissions inventories; actively engage city residents and key local climate stakeholders; prepare concrete climate action plans – called City Promises – that include ambitious targets and integrate community pledges; initiate implementation of City Promises through pilot projects; report aggregated city plans, actions and achievements; and engage in learning and cooperation opportunities with the Seoul Metropolitan Government and other cities.

Through Ambitious City Promises, ICLEI aims to develop and deploy bottom-up models of climate action planning, establish lasting mechanisms for knowledge sharing, and contribute to local, national and global climate goals.

The Promise of Seoul, a comprehensive climate strategy adopted by the Seoul Metropolitan Government at the ICLEI World Congress in 2015, is at the heart of Ambitious City Promises. It provides a model of effective climate action at the community level, showing that cities can be both engines of growth and global leaders on climate action by establishing inclusive low emission urban economies.

*9 jurisdictions in Southeast Asia  
Advances SDGs 7, 8, 11, 13*

## STARS

What will cause students to get out of cars and onto their bikes? This is the main question that ICLEI intends to answer in order to change the current situation. ICLEI's tools reside in targeting schools that have an impact on the road network in terms of congestion, safety and public transport delay; guiding schools to increase cycling levels and reduce the accidents; encouraging schools to monitor and evaluate independently. ICLEI wants to increase the number of students cycling to and from school, who would previously have traveled by car.

*9 jurisdictions in Europe  
Advances SDG 11*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Low emission development pathway



## Strategic Partnership for Implementation of the Paris Agreement

The SPIPA program supports our efforts within Australia and seeks to explore alignment and synergies with other national and subnational programs and offer a unified climate action methodology and reporting structure. The SPIPA Initiative provides a final report that may be used as a pathway for partnership describing the various roles of stakeholders and the possible role they could take in governance, leadership, program development, support, advocacy, funding and technical capacity.

*8 jurisdictions in Oceania*

*Advances SDGs 13, 17*



## Solar Marketplace

ICLEI offers a simple and convenient online process for pre-screened installers to compete for city-region bids, making it easier for North American communities to switch to solar energy.

*8 jurisdictions in North America*

*Advances SDGs 7, 11, 13*



## The Carbon Footprint Project

This project will support regional governments with existing GHG reduction targets to achieve their targets, and for the ones without targets, the project will help governments to set and achieve them through the improved capacity to track GHG emission levels in detail – as well as the impacts of mitigation actions. ICLEI is supporting in the development of multi- governance policy and strategy dialogues.

By supporting state and regional MRV systems and aligning them with their national counterparts, this project will promote the uptake of the 2006 IPCC Guidelines for National Greenhouse Gas Inventories (and their 2019 refinement) across states and regions globally with several subsequent benefits such as the increased consistency between different levels of governments, enhanced links between regional data suppliers and national data compilers and further identification of large and additional emission reduction opportunities.

*7 jurisdictions in Africa, South Asia and Latin America & Caribbean*

*Advances SDGs 11, 13, 16*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Low emission development pathway



## SPP Regions

SPP Regions promoted the creation and expansion of European regional networks of municipalities working together on sustainable public procurement (SPP) and public procurement of innovation (PPI). The regional networks help increase the capacity of public bodies for SPP and PPI, and send a stronger signal of demand for sustainability to suppliers. They provide support, improve skills and increase regional impact.

ICLEI supported the establishment of new procurement networks in 8 European regions. All participating networks implemented eco-innovative tenders achieving significant CO2 savings, which ICLEI supported through an intensive capacity building program. The project has produced a series of reports and guidance on sustainable procurement, including four key SPP and PPI topics: market engagement, life cycle costing, output or performance-based specifications, and circular procurement. The series of “eco-innovative” was published as guidance material as well. The project has also produced “how-to” videos on various aspects of sustainable procurement.

*6 jurisdictions in Europe*  
*Advances SDGs 11, 12, 13*



## TUMI Network of High Ambition Leaders

We engage in the Transformative Urban Mobility Initiative (TUMI) to advance sustainable urban mobility in developing countries and emerging economies with a special focus on cities in Africa by city-to-city exchange, business to government dialogues, webinar and workshops.

*5 jurisdictions in Africa*  
*Advances SDGs 3, 5, 9, 10, 11, 13, 17*



## THERMOS

The way the world heats its buildings uses fossil fuel in an unsustainable way. By providing the methods, data, and tools to enable more sophisticated thermal energy system planning rapidly and cheaply, ICLEI accelerates the multi-government and stakeholder dialogues in Europe and beyond on decarbonizing heating and cooling in an integrated energy system.

*4 jurisdictions in Europe*  
*Advances SDGs 7, 9*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Low emission development pathway



## BuyZET Procurement of Innovative Solutions for Zero Emission Urban Delivery of Goods and Services

BuyZET, coordinated by ICLEI, aims to understand and optimize the impact of public procurement activities on transport patterns in cities – and to find innovative and sustainable delivery solutions for goods and services, which can help to address these challenges. The goals of the project are to boost demand for zero emission vehicles (ZEVs) and other zero emission urban delivery solutions on the European market, and to develop procurement plans to achieve zero emission urban delivery of goods and services to the public sector. To achieve the project goals, participating cities identified the areas of procurement spend with the biggest influence on the movement of goods and services. They developed plans for innovative zero emission procurement activities for these high priority areas in co-operation with key market actors and other stakeholders. ICLEI provided support for the cities in these activities, as well as established cross-border networking and experience exchange between consortium partners, other European cities, and further stakeholders. The project also resulted in a series of recommendations for both public authorities and national and European policy makers in support of zero emission delivery of goods and services.

*3 jurisdictions in Europe  
Advances SDGs 11, 12, 13*



## European Programme for Accelerating the Take up of Sustainable Urban Mobility Plans

ICLEI enables mobility planning authorities across Europe to embrace sustainable urban mobility plans (SUMP) as the European-wide strategic planning approach, especially in countries where the take-up is low and the negative effects of transport are severe. The project also improves urban transport efficiency while effectively mitigating the negative effects of transport and enhancing the attractiveness of Europe's urban centers through a strategic planning approach based on integration, participation and evaluation principles, one that broadly implements sustainable urban mobility policies and measures. The project analyzes and verifies specific adoption needs for SUMPs in European local authorities in order to identify the most effective tools for SUMP development and actively support their adoption in various types of cities.

*3 jurisdictions in Europe  
Advances SDG 11*





# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Low emission development pathway



## Low-Carbon City 2.0 Series

ICLEI worked with partners to organize the Low-Carbon City 2.0 Professional Series Workshops and The International Conference on Mitigation Strategies for Green Transformation in Cities. International experts from Korea, Japan, Singapore, and Malaysia were invited to give a series of trainings on decarbonizing actions, urban energy efficiency improvement and low-carbon transformation featuring case studies in East Asia cities and the world. The in-depth discussions between local officers and international experts enhanced the sense of responsibility of carbon reduction in various departments, and promoted the role of local governments in changing from “regulation” to the supporting multi-stakeholders in the new climate and low carbon regime.

*2 jurisdictions in East Asia and Southeast Asia  
Advances SDGs 9, 11, 13*



## African Capital Cities Sustainability Forum

The African Capital Cities Sustainability Forum (ACCSF) draws together mayors and technical officers from the continent’s most prominent cities to provide a guiding light for how African cities must think about the future and lead sustainability efforts. It facilitates the exchange of knowledge and learning and provides a platform for exploring how to develop truly African solutions to African problems. The event marshals the collective power of capital cities to contribute to, and influence, the pan-African and global discourse on sustainability.

ICLEI, as the co-convener of the ACCSF, is responsible for the content development and program design of the ACCSF. By hosting the annual event, which brings together mayors and city managers of African capital cities, ICLEI facilitates the exchange knowledge and information on potential interventions, opportunities and threats that influence the potential for economic growth, social inclusion and environmental protection.

*Africa  
Advances SDGs 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Low emission development pathway



## Northeast Asia Forum on Air Quality Improvement

ICLEI supported the Seoul Metropolitan Government as a co-organizer of the 8th Northeast Asia Forum on Air Quality Improvement. The Forum was attended by officials of 25 local governments. Kitakyushu and Ulaanbaatar shared their experiences in pursuing clean air through international and intercity cooperation. The Forum provides a platform for local governments from East Asian local governments, atmosphere environmental specialists, and citizens to share their knowledge and insights on air quality improvement. Topics covered in the Forum include: vehicle emissions reduction policies, stationary emissions reduction policies, cooperation for clean air, citizen participation for clean air, and strengthening monitoring to better inform air pollution management.

ICLEI East Asia hosted the session “Strengthening Monitoring to Better Inform Air Pollution Management”, gathering experts from UN Environment, research institutes, and local governments from the region to present latest air quality monitoring technology and methodologies.

The 2019 Forum took place in Seoul on 22-23 May, under the new name Seoul Air Quality Forum.

*East Asia*

*Advances SDGs 3, 11, 13*



## Abracadabra

Non-energy-related benefits play a key role in the deep renovation of existing buildings. ICLEI focuses on the creation of a substantial increase of the real estate value of the existing buildings through a significant energy and architectural transformation like aside or façade additions, rooftop extensions or even an entire new building construction, to reach the goal of Nearly Zero Energy Buildings and extreme renovation.

*Europe*

*Advances SDG 9*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Low emission development pathway



## City Resilience Development and Resilience-Building Toolbox

In the last 30 years, climate change, coupled with unplanned, rapid urbanization, generated significant development challenges worldwide. ICLEI has implemented City Learning Labs FRACTAL to periodically gather a broad range of knowledge-holders and decision-makers in targeted cities to work together on developing a deep, shared understanding of critical burning issues linked to climate that cities face.

*Europe*

*Advances SDGs 11, 13*



## Life Cycle Costing Tool Development

Ecoinstitute SCCL together with ICLEI is developing the LCC tools in 2018 and 2019. A public consultation on the tool(s) is carried out in cooperation with the Procura+ European Sustainable Procurement Network Interest Group on LCC. Once the tools are developed, they will be publicly available for procurers to use in their tender procedures.

*Europe*

*Advances SDGs 11, 12, 13*



## EU Helpdesk for the support and promotion of Green Public Procurement

ICLEI operates the Helpdesk on behalf of the European Commission, with the goal of providing an easy entry point to GPP for all European public authorities to increase the uptake and professionalization of GPP. Part of the GPP Helpdesk service are the publication of monthly newsletters, answering Helpdesk queries, semi-annual educational webinars on a content management on the European Commission's GPP website; and dissemination of GPP policy and practice towards the Member States and all other organizations that fall within the scope of the EU Public Procurement Directives.

*Europe*

*Advances SDGs 11, 12, 13*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Low emission development pathway



## SDGs FutureCity Initiative

ICLEI supports the leading national sustainable cities initiative in Japan. The initiative started as Environmental Model City Initiative in 2008, evolved into FutureCity Initiative in 2011, and matured as SDGs FutureCity Initiative in 2018. ICLEI and member cities have been actively involved in the Initiative from the beginning; and recently contributed to The 7th International Forum focused on the localization of SDGs.

*East Asia*

*Advances SDGs 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17*

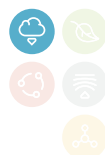


## R20 Partnership

Through this partnership with the non-profit organization R20, ICLEI promotes and implements projects designed to produce local economic and environmental benefits in the form of reduced energy consumption and greenhouse gas emissions, strong local economies, improved public health and new green jobs. ICLEI identifies medium to large scale climate and energy projects such as waste-to-energy, smart street lighting and other low carbon solutions looking to further develop these projects into bankable joint venture initiatives with private sector financiers in Sub Saharan Africa.

*Africa*

*Advances SDGs 11, 13, 17*

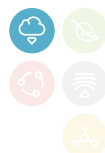


## Asia Low Emission Development Strategies Partnership

ICLEI aims to advance the development of country-led strategic plans to promote economic growth while reducing GHG emissions in the Asia region and support national governments in accelerating implementation of robust NDCs.

*South Asia and Southeast Asia*

*Advances SDGs 7, 11, 13*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Low emission development pathway



## Cities + Sustainable – ICLEI South America Solutions Portfolio 2019

In nearly three decades of work, ICLEI has developed, tested and scaled up methodologies to guide the way towards sustainable urban development at the local level. This rich experience accumulated allows us to apply a common framework for our global projects and initiatives, which currently follows the stages: analysis, action and acceleration, and in each one follows a step-by-step guideline. This track can be applied to a variety of themes - from low emission to nature-based development - and promotes a cyclical path that allows the continuous improvement of the governments in our Network. This year's "Cities + Sustainable – ICLEI South America Solutions Portfolio" highlights the following opportunities and initiatives ICLEI provides cities and regions in South America.

*Latin America & Caribbean*

*Advances SDGs 7, 11, 12, 13, 14, 15, 17*



## Greenhouse Gas Emissions Protocols

ICLEI is the lead author, supported by groups of city and carbon accounting experts from various fields, in the development of industry standards for local government GHG emissions accounting in the US. The development of the U.S. Community Protocol, the Local Government Operations Protocol, and the Recycling and Composting Protocol positioned ICLEI as exclusive experts in local government carbon accounting. Recognizing this expertise, ICLEI was asked to contribute to the development of the Global Protocol for Community Scale GHG emissions (GPC) and is currently working on an update to the U.S. Community Protocol to better account for forestry and land use changes. ICLEI continues to provide technical guidance for the application of the protocols to cities and practitioners around the world.

*1000 jurisdictions in the United States*

*Advances SDGs 3, 7, 11, 12, 13, 17*





# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Low emission development pathway



## Partners for Climate Protection program

Over 300 Canadian municipalities are making a public commitment to reduce greenhouse gases (GHG) emissions and to act on climate change. Through the development and application of accounting and planning tools, knowledge development resources, training workshops and peer-networks, ICLEI builds the capacity of local governments across Canada to mitigate climate change.

*350 jurisdictions in Canada*

*Advances SDG 13*



## California Statewide Energy Efficiency Collaborative

ICLEI advances achievement of state and local sustainability goals by assisting California cities and counties to reduce greenhouse gas emissions and save energy. The support is offered to any local government free of charge, and can be a light-touch (answering questions) to in-depth assistance (completion of an GHG inventory).

In addition to technical support, the program convenes an annual peer-exchange event, offers virtual training, and recognizes communities that hit milestones in clean energy and climate action. ICLEI's GHG emissions management tool, ClearPath, has been adapted to meet California specific requirements and opportunities. The program makes the software tool available at no cost to all local governments statewide; provides technical support in the development of GHG inventories and climate action plans, and shares out best practices observed.

*278 jurisdictions in the United States*

*Advances SDGs 3, 7, 9, 11, 13*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Low emission development pathway



## GPC Accreditation Process of GHG Inventory tool for Local Governments in Korea

Local governments are key actors when it comes to tackling climate change. Reducing GHG emissions at the local level should be managed and monitored using well-structured mechanisms. In South Korea, the Korea Environment Corporation (KeCO) supports Korean Local governments to calculate their GHG inventories. It has developed a tool based on the IPCC 2016 Guidelines, and it provides technical capacity for developing local GHG inventories. At the global level ICLEI, WRI and C40 developed the Global Protocol for Community-scale GHG inventories (GPC), now embedded in the GCoM Data Standard. This is the recommended approach for all local governments. Yet not all tools used by local governments are aligned to this new global approach. By aligning KeCO's tool with the GPC, local governments in Korea can benefit in terms of cost and time when reporting their inventory together with their reduction target and action plan - connecting them to the global developments. ICLEI coordinates the alignment process and the application process to obtain for the KeCO GHG tool an official stamp of approval, confirming the tool is conform to the GPC, as part of the WRI GHG Protocol. This will enable Korean local governments to report their GHG inventories using the KeCo tool, thereby receiving confirmation that they are using the GCoM Data Standard of global reporting.

*243 jurisdictions in Republic of Korea*

*Advances SDGs 11, 13, 17*



## Municipal Climate Action Plans (PACMUN)

Over the course of the PACMUN project, ICLEI has worked with over 450 Mexican municipalities to develop GHG inventories, collect data and define local climate action plans. Project activities focus on building the capacity of municipal staff to establish goals and prioritize actions on climate and resilience. Municipalities also work with ICLEI to report their climate and data and can voluntarily submit their climate action plans to the Ministry of Environment.

*49 jurisdictions in Mexico*

*Advances SDGs 7, 9, 11, 13, 17*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Low emission development pathway



## Fórum of the Municipal Environment Secretaries of Brazilian Capitals

ICLEI has supported Fórum CB27 since its creation in 2012, and, in 2017, the Konrad Adenauer Foundation invited ICLEI to contribute to the institutional strengthening of the group through a strategic planning process and regular facilitation of CB27 meetings. ICLEI's mission is directly connected to the Forum's activities, in that it seeks to connect cities and local governments dedicated to sustainable development.

As a strategic partner of CB27, ICLEI supports its planning, content curation and meeting preparation, communication strategies, advocacy cooperation, and operation of the Executive Secretariat of the Forum, as well as actively participates in meetings and activities and coordinates advocacy strategies.

*27 jurisdictions in Brazil*  
*Advances SDGs 7, 11, 13, 17*



## Cities Leading Through Energy Analysis and Planning

ICLEI created a contribution analysis methodology to illustrate the drivers of change in greenhouse gas emissions over time, informing a city or region of program efficacy and opportunities to advocate stronger policy across multiple levels of government in the United States.

*23 jurisdictions in the United States*  
*Advances SDGs 3, 7, 11, 13, 17*



## Greenhouse Gas Emissions Inventory for Campinas and the Metropolitan Region of Campinas

Through the project, ICLEI will support 20 cities, with emission inventories, targets and guidelines for mitigation. It includes preparation of an inventory of GHG emissions and atmospheric pollutants; future emission scenarios for 5, 10, 20 and 40 years, with reduction targets; institutional implementation strategies and inventory review mechanisms; and training of RMC technicians in the GPC methodology to allow the initiative to be internally replicated in the inventory review processes.

*20 jurisdictions in Brazil*  
*Advances SDGs 6, 7, 9, 11, 13*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Low emission development pathway



## Strengthening Urban Resilience for Growth and Equity

ICLEI provides capacity building to target cities in implementing low emission development strategies as well as mainstreaming science-based disaster risk reduction and climate change adaptation in local development processes.

The project utilizes the Asian Cities Climate Change Resilience Network (ACCCRN) Process toolkit, the Global Protocol for Community-scale Greenhouse Gas Emission Inventories (GPC) in formulating the cities' climate action and management plans, and USAID Clean Energy Emission Reduction (CLEER) Tool in assessing the cities' vulnerabilities, risks, and emissions. Through these analyses, target cities will be able to mainstream climate change adaptation and mitigation principles in their local development plans.

*8 jurisdictions in Philippines*

*Advances SDGs 3, 5, 6, 8, 10, 11, 13*



## Capacity Building for Low Carbon and Climate Resilient City Development in India (CapaCITIES) Project

ICLEI is responsible for project implementation in all four partner cities, including preparation of Climate Resilient City Action Plan for four Indian partner cities - Coimbatore, Rajkot, Siliguri and Udaipur - that addresses both climate change adaptation and climate change mitigation using ClimateResilientCities methodology; strengthening the capacities of cities to identify, plan and implement measures for reducing greenhouse gas emissions and for enhancing resilience to climate change; implementation of quick win projects to showcase reduction of GHG emissions; identification and planning for bankable projects based on requirements of the cities for large scale implementation of climate resilience building activities; and peer learning and exchange. Measures developed as a result of this project are being integrated in municipal budget to mainstream climate resilience in city development.

*4 jurisdictions in India*

*Advances SDGs 6, 7, 11, 12, 13*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Low emission development pathway



## Global Covenant of Mayors for Climate & Energy in Korea

By participating in GCoM, Korean local governments can make their climate actions more ambitious and consistent through reporting and learn from their peers about ambitious climate actions. In order to support Korean local government participation in GCoM, ICLEI organizes GCoM sessions at international climate events such as Seoul Mayors Forum, supports local governments' reporting to ICLEI-CDP unified reporting system, translates guidance and materials (e.g. Common Reporting Framework, CDP reporting guidance), invites local governments to various networking opportunities on urban climate action, publicizes their activities related to GCoM initiative and outreaches to cities of potential interest with Korean promotional materials.

*6 jurisdictions in Republic of Korea*

*Advances SDGs 11, 13*



## District Energy Systems in Indian Cities

District Energy Systems produce steam, hot water or chilled water at a central plant, making them much more efficient and less energy consuming. Under this project ICLEI assesses potential for district energy systems in Indian cities with an aim to develop integrated roadmaps for energy policy and investment for scale-up of district cooling in specific cities. ICLEI's objective is to assist Indian cities to accelerate their transition to low-carbon and climate resilient societies through modern district energy system.

*5 jurisdictions in India*

*Advances SDGs 7, 11, 13*





# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Low emission development pathway



## Financing Energy for Low-Carbon Investment – Cities Advisory Facility (FELICITY) Pilot in Mexico

The Paris Agreement and the Sustainable Development Goals will only be achieved with ambitious local action and leadership. Local and regional governments often face difficulties in accessing project preparation support and financing to implement their local climate projects. While there are funds available for investment, the financing institutions are unable to find suitable projects due to these capacity constraints. The European Investment Bank (EIB) and GIZ joined forces through FELICITY to link projects to financing and provide technical assistance to a selected number of viable projects.

ICLEI's active network in Mexico enables this cooperation. ICLEI's Transformative Actions Program (TAP), is working with FELICITY to release a call in Mexico for new climate change mitigation projects to be submitted to the TAP pipeline. Local governments in Mexico were briefed about low emission development topics and mobilised to submit their priority projects to the TAP pipeline. Local governments then received training and projects were lightly screened for potential eligibility for the offer of technical assistance.

*5 jurisdictions in Mexico  
Advances SDGs 9, 11, 17*



## Climate Action Planning Framework Development

ICLEI works with four Brazilian cities to develop an action plans to achieve emissions neutrality and climate resilience by 2050. This includes emissions inventories, scenario modeling, vulnerability analysis and adaptation actions, and the implementation of already consolidated tools, such as CIRIS (developed by C40).

*4 jurisdictions in Brazil  
Advances SDGs 6, 7, 8, 9, 11, 13*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Low emission development pathway



## Supporting Sustainable Urban Transport and Built Environment in Four Indian Smart Cities

ICLEI develops and showcases an integrated and comprehensive approach to address urban transport issues and promote sustainable built environment and urban mobility strategies. The project supports four Indian Smart Cities (Gwalior, Ludhiana, Udaipur and Visakhapatnam) by building the local government's capacity by providing technical advisory to develop smart built environment action plans that focus on smart urban mobility and smart buildings which can feed into ongoing efforts of smart city missions. The deliverables of the project include assessment of existing urban transport scenario in the identified cities for each state and provide support for implementation of smart mobility projects.

*4 jurisdictions in India  
Advances SDGs 11, 13*



## Local Government Actions on Sustainable Development Goal 11 in the Republic of Korea

ICLEI initiated this partnership to attract the attention of ambitious local governments in South Korea and give them a platform to share their efforts and accomplishments on the targets of Goal 11.

ICLEI is gathering the efforts of Local Governments in South Korea on implementing SDGs and delivering related projects to leverage the effectiveness of the dispersed efforts and actions by combining and reporting them on the UN SDGs Knowledge Platform. By focusing this initiative on Goal 11, ICLEI provides the map of the implementation of Goal 11 in South Korea, and highlights leading local governments to inspire others to join.

*3 jurisdictions in Republic of Korea  
Advances SDG 11*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Low emission development pathway



## Access to Sustainable Energy in the Philippines - Clean Energy Living Laboratories

ICLEI supports the Clean Energy Living Laboratories (CELLs) and the Project Management Office, especially on local government engagement. ICLEI works with demonstration cities to mainstream a local energy plan and assists the CELLs in developing a curriculum for an executive education program targeting policymakers and stakeholders and support advocacy activities.

ICLEI facilitates City-to-City Exchange activities, conducting workshops to capacitate selected demonstration cities, and linking the cities to possible funding sources. The workshops are aimed to help the demonstration cities in actualizing their local energy plans. ASEP-CELLs' emphasis on advocating, educating and supporting evidence-based policies and programs is expected to improve the learning conditions and experiences among stakeholders and champions.

*3 jurisdictions in Philippines  
Advances SDG 7*



## ICLEI SD Lab - Northeastern University

A group of students from Northeastern University has been studying Fortaleza's current Climate Action Plan, its actions and goals, and how far they have advanced. They have also been studying American projects, policies and initiatives, in order to be able to explore how policies, technologies, and cultural differences in various countries have helped grow and implement sustainable efforts and to make comparisons between sustainable energy technologies and policies in US and Brazil, and Boston and Fortaleza. The Lab's products will be a written proposal and a one page executive summary to the mayor summarizing suggestions and appointments, and an oral presentation.

*1 jurisdiction in Brazil  
Advances SDGs 4, 7, 11, 13*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Low emission development pathway



## Urban Health and Short-Lived Climate Pollutant Reduction Project

The project is developed and implemented in three major components:

1) Building evidence and enable the local uptake of public health tools; 2) City implementation of analyses of health benefits from SLCP mitigation strategies, as well as stakeholder engagement, using the local evidence of health benefits to support SLCP reduction measures at the local level and help overcome barriers for policy change; and 3) Communications targeting policymakers, and promoting health benefits from sector initiatives of the Climate and Clean Air Coalition, as well as tools, experiences and lessons learned. ICLEI is leading on implementation, and supporting on evidence-building and communications. This project addresses SLCPs on the urban level in one developing country pilot city to provide proof of concept.

*1 jurisdiction in Ghana*

*Advances SDGs 3, 7, 11, 13*



## International Smart and Sustainable Transport Workshop

International Smart and Sustainable Transport Workshop was jointly hosted by ICLEI, Intelligent Transportation Society of Taiwan (ITS Taiwan) and the Advanced Public Transportation Research Center at the National Taiwan University (APTRC), in Taipei, 11-13 April 2018.

The three day workshop brought together young professionals in the public service in Asia-Pacific to discuss the challenges commonly faced by cities in the region – sustainable urban mobility, smart public transport, intelligent transport technology, and traffic safety. The workshop was facilitated by transportation experts from the public and private sectors in Taiwan as well as the ICLEI Sustainable Mobility team.

*1 jurisdiction in Chinese Taipei*

*Advances SDGs 11, 17*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Low emission development pathway



## Kota Kinabalu Green City Action Plan

ICLEI is developing a Green City Action Plan for the city of Kota Kinabalu following a multi-stakeholder consultative process, as a part of the Asian Development Bank's (ABD) development of Green City Action Plans in the BIMP-EAGA region (comprised of Brunei, Indonesia, Malaysia, the Philippines and East Timor). The City of Kota Kinabalu is committing to inclusive, ambitious climate action, mainstreaming climate actions and strategies in to its development agenda to contribute in achieving regional and national climate goals. A greenhouse gas (GHG) Emissions Inventory and climate vulnerability assessment was prepared through a series of face-to-face interactive workshops with representatives of all concerned departments and stakeholders. Priority sectors and solutions for low-carbon climate-resilient development in Kota Kinabalu was defined, addressing the scale of finance and viable implementation models.

*1 jurisdiction in Malaysia  
Advances SDG 11, 13*



## GHG Emissions and Removals Estimates in Brazil

The Greenhouse Gas Emissions and Removals Estimates (SEEG) is an initiative of the Climate Observatory that includes the production of annual estimates of GHG emissions in Brazil, analytical documents on the evolution of emissions and a web portal to provide simple and clear system methods and data. The SEEG methodology was published in the journal NATURE in 2018. ICLEI works on the estimation of GHG emissions related to the waste sector, in addition to providing data to subnational governments, so that they take ownership of the issue. Methodologies defined by the IPCC are applied. SEEG provides annual estimates and technical emission data for all Brazilian states.

*Brazil  
Advances SDGs 6, 13*





# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Low emission development pathway



## 2019 European Mobility Week in Korea

The 2019 European Mobility Week (EMW) project guides and aggregates volunteer local action for EcoMobility. This campaign in Korea accelerates sustainable mobility actions at the local level by voluntarily setting cities' plan of weekly activities and permanent policy change. ICLEI's one week campaign helps local governments to raise citizens' awareness about sustainable mobility and its effects and linkage with climate change and contribution to sustainable development. Activities within the campaign include the creation of regional forums around sustainable mobility, educational programming, and car-free days for public offices. These activities often draw media attention, which can add to the civic awareness and participation.

*Republic of Korea*  
*Advances SDG 11*



## Drivers of Change in GHG emissions

ICLEI established a replicable framework that can be used by local governments throughout the country to attribute the observed changes in community GHG emissions inventories. Practitioners within cities and counties are now able to harness data to produce a more accurate depiction in changes to community-scale efficiency, communicate those trends more clearly, and use the data to evaluate the effectiveness of policies and programs. The project components are development of the Contribution Analysis methodology; application of the techniques of Contribution Analysis to a range of community types to illustrate the drivers of change in various communities; production of a "replication toolkit" which clearly describes the steps in the process, provides guidance and templates for additional communities to adopt and take forward; and distribution of these new resources widely.

*United States*  
*Advances SDGs 11, 13*



## Workshop on Climate Reporting Towards Ambitious Local Actions

This workshop will provide an overview of global trends in environmental disclosure and reporting in 2019 in light of the recent announcement of CDP and ICLEI's joint unified reporting system. Workshop participants will gain expanded knowledge of global city climate policy and new trends in reporting and measuring environmental impact, an overview of CDP and ICLEI's unified reporting system, and a comprehensive briefing on the technical changes and guidance on the current questionnaires.

*United States*  
*Advances SDGs 11, 13*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

## NATURE-BASED DEVELOPMENT PATHWAY

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Nature-based development protects and enhances the biodiversity and ecosystems in and around our cities, which underpin key aspects of our local economies and upon which we depend for the well-being and resilience of our communities. Healthy local environments are prioritized in policy and planning, and jurisdictions pursue economic opportunities based on nature and ecosystem services. Nature-based development seeks out blue and green infrastructure options and promotes green zones to reconnect and engage with nature in our urban world.



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Nature-based development pathway



## ICLEI Cities Biodiversity Center

Since 2008, ICLEI's Cities Biodiversity Center (CBC) has convened successive summits as official parallel events to the Conference on Biological Diversity COP, to enable local and subnational governments engagement. These Summits have resulted in strong political outcomes, including the Quintana Roo (2016) and Sharm El-Sheikh (2018) Communiqués, Nagoya Plan of Action on Subnational Governments, Cities and Other Local Authorities for Biodiversity (2011 - 2020), adopted at COP 10 in 2010, and of many decisions on local and subnational governments. Through these outcomes, ICLEI CBC has shaped a global policy environment that supports local and regional governments in their efforts to scale up and mainstream nature in sustainable urban development worldwide. ICLEI has also developed a dedicated website for local and subnational governments to advance the Action Agenda for Nature and People and the post-2020 Global Biodiversity Framework and holds monthly informational webinars. The CBC supports the work of CitiesWithNature.

*Globally*

*Advances SDGs 11, 14, 15*



## CitiesWithNature Partnership Initiative

Through CitiesWithNature (CWN), local and regional governments are able to enhance the potential of nature to provide essential ecosystem services and solutions for the overall health of human habitats and urban areas. Through this platform, cities can engage, connect, learn, share, act, and inspire each other in the way of biodiversity and urban nature. ICLEI enables its local and regional constituency to access and influence global biodiversity processes and provides a one-stop-shop, or "big tent" under which projects, initiatives, and programs aimed at enhancing nature can be celebrated, shared, and promoted. ICLEI develops strategic global partnerships and the ongoing and continuous development of the various components of the CWN platform. CWN is recognized by the SCBD as the official vehicle for local and subnational governments to report their commitments and ambitions for the post-2020 Global Biodiversity Framework.

*63 jurisdictions around the world*

*Advances SDGs 11, 12, 13, 14, 15, 17*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Nature-based development pathway



## Vertical-Horizontal Integration and Subnational Implementation of NBSAPs

ICLEI provides awareness raising and capacity building to all spheres of government in mainstreaming biodiversity, through guidance on vertical and horizontal integration to ensure successful implementation of biodiversity strategies and action plans (BSAPs); clarifies the role and contribution to be made at national, subnational and local level; and provide practical technical guidance to national, subnational and local governments in 13 areas of action to promote integration, coordination and cooperation in developing and implementing National Biodiversity Strategies and Action Plans under the Convention of Biological Diversity.

*Globally*

*Advances SDG 15*



## Group of Leading Subnational Governments towards Achieving the Aichi Biodiversity Targets

ICLEI supports the sub-national governments' initiative on achieving Aichi Biodiversity Targets. Aichi Prefecture called for a group of leading sub-national governments showing significant efforts for achieving the Aichi Targets. The initiative was established during CBD-COP13 in Cancun, Mexico in 2016 and joined by a significant number of sub-national governments. ICLEI supported its launch and is contributing to develop their joint activities toward COP14 and beyond.

*Globally*

*Advances SDGs 11, 14, 15*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Nature-based development pathway



## Building Capacity for Subnational Biodiversity Planning

ICLEI and the SCBD collaborated in preliminary consultations with Parties and selected subnational and local authorities on the need for implementation of NBSAPs by subnational governments. ICLEI was tasked with guidelines for an integrated approach in the development and implementation of national, subnational and local biodiversity strategies and action plan and undertake capacity development.

The Guidelines provide detailed and comprehensive guidance on thirteen general areas for action to promote integration, coordination and cooperation, applicable to national, subnational and local levels of government. To develop the guidelines, ICLEI consulted with selected national and subnational governments; developed comparative analysis of their biodiversity strategies and action plans; presented of the draft guidelines at CBD COP 13; and led capacity building workshops in Africa and India.

*Globally*

*Advances SDGs 11, 14,15*



## INTERACT BIO - Integrated Action on Biodiversity

The goal of this project is to mainstream biodiversity, nature-based solutions and ecosystem management, seek recognition for these as cross-sectoral tasks and integrated them in subnational Biodiversity Strategy and Action Plans and sector plans in three model city-regions. ICLEI launched the four-year INTERACT-Bio project in three Global South countries: Brazil, India and Tanzania. ICLEI is using a co-creation and co-production approach to implement the project activities. Through the project, city-regions will align their planning with their National Biodiversity Strategy and Action Plans (NBSAPs), which are required by the Convention on Biological Diversity (CBD). Through strengthened cooperation between the different levels of government, subnational action in support of the NBSAPs is promoted and enabled. Such collaborative approaches will ultimately support nations to accelerate biodiversity goals.

*14 jurisdictions around the world*

*Advances SDGs 11, 14, 15*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Nature-based development pathway



## Understanding Innovative Initiatives for Governing Food, Water and Energy Nexus in Cities

Using empirical research, ICLEI is developing a framework and tools to assess changes in food-water-energy nexus, their related trade-offs and the building of innovative capabilities in cities for developing innovative solutions to the food, water and energy nexus and manage green and blue infrastructure at the urban level. ICLEI is supporting the development of frameworks and tools that guide urban governance on the food-water-energy nexus, delivering innovative solutions to mitigate climate change and biodiversity loss, while advancing development goals from food security to job creation across cities worldwide. The project assesses the changes in trade-offs of food-water-energy nexus (FWEN) in green and blue infrastructure (GBI) and their association with spatial planning and governance in eight cities using empirical cases. This will provide a better understanding of the barriers that hinder innovative and integrated FWEN approaches using GBI at different scales; and look for the common features of diverse interventions.

*7 jurisdictions around the world*

*Advances SDGs 2, 6, 7, 11, 12*



## CLEVER Cities

ICLEI collects and creates new nature-based solutions for cities, define new models for financing and implementing them and scale-up good practice by transferring knowledge between world regions. ICLEI fosters sustainable and socially inclusive urban regeneration through an innovative co-creation approach of deploying and embedding nature-based solutions in urban planning processes, enabling wider replication and delivery and contributing to the EU's placement as a global leader in 'green' R&I within a growing global NBS market.

*25 jurisdictions in Europe, East Asia and South America*

*Advances SDGs 3, 9, 10, 11, 15*



## CONNECTING Nature

We engage cities in refining and then mainstreaming radically innovative mechanisms for climate change adaptation and greater human wellbeing through nature-based solutions.

*Europe and Latin America & Caribbean*

*Advances SDGs 6, 11, 15*





# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Nature-based development pathway



## European Union Water Policy Alliance Partnership

Water should be a priority in the EU policies due to its importance for the economy, environment, and quality of life of the European citizens. ICLEI has created an alliance with 25 cities to prepare a framework for European cities with the objective of achieving a more coherent and thus more effective representation and visibility for water at the EU level. ICLEI aims to achieve this by supporting the implementation of the European Union water policy and the SDGs through sustainable water management at local level.

*25 jurisdictions in Europe  
Advances SDGs 6, 11*



## Local Protected Areas

Local governments are leading the change to an integrated planning approach, in which protected areas are a fundamental component of both urban and rural landscapes. Innovative solutions at the local level are being applied to integrate local protected areas into municipal planning and territorial development strategies, as well as into local management systems. ICLEI is improving the conditions of local governments to conserve biodiversity through the effective and equitable management of protected areas and other area-based conservation measures. The project combines a multi-scale and programmatic approach, focusing on strengthening local level capacities and governance as well as the role of local governments in the effective management of protected areas and other area-based conservation measures within the four countries' institutional and legal frameworks. Benefits and challenges are disseminated at the local, subnational, national and international level.

*19 jurisdictions in Latin America & Caribbean  
Advances SDGs 3, 11, 13, 14, 15*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Nature-based development pathway



## Urban Natural Assets for Africa

The program, implemented from 2014 in eight cities and six countries, seeks to improve human well-being, contribute to poverty alleviation and build climate resilience through integrating nature-based solutions into land use planning. UNA supports three flagship projects; Urban Natural Assets for Africa (UNA Africa), Urban Natural Assets for Africa: Rivers for Life (UNA Rivers) and Urban Natural Assets for Africa: Coasts for Life (UNA Coasts).

Through the UNA Coasts project, cities in Mozambique receive support with improved knowledge and understanding of the key challenges and opportunities urban coastal zones experience; using natural assets to offset these challenges and maximise the opportunities; development of a tailor-made coastal natural asset management plan; and identifying opportunities to enhance sustainable livelihoods at the local level. The UNA Rivers project supports cities to mainstream biodiversity and nature-based solutions into land use planning and decision-making processes; increase awareness of ecosystem services; improve co-ordination between key stakeholders; connect with local communities to encourage appreciation, cultural activation and enhance human well-being; and implement community-based projects along urban river systems to improve river restoration and revitalisation.

*10 jurisdictions in Africa*

*Advances SDGs 3, 5, 11, 13*



## Africa Water and Sanitation Local Authorities Network

ICLEI provides a unique platform enabling local governments to exchange knowledge and good practice, consider emerging challenges and innovations and explore collaborative action towards seeking a paradigm shift for more sustainable, resilient and equitable urban water and sanitation practices in Africa. For this project, ICLEI's main aims are to promote knowledge exchange, build capacity, facilitate connections and empower advocacy.

*Africa*

*Advances SDGs 3, 6, 11*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Nature-based development pathway



## Local Action for Biodiversity: Wetlands South Africa

Through the LAB: Wetlands South Africa project, ICLEI aims to protect priority natural wetland resources, thus enabling the supply of ecosystem services and promoting resilient communities under a changing climate in South Africa. The project aims to raise awareness of the value of wetlands, mainstream wetlands into land-use planning and initiate pilot wetland projects. The LAB: Wetlands SA Project supports 11 municipalities with improving local government knowledge and understanding of the value of wetlands and how wetlands can support municipalities with achieving their mandates through the provision of eco-system service; initiating the process of integrating wetlands, and biodiversity in general, into local government land-use planning and decision making ensuring that biodiversity is considered and factored into development planning; and implementing small-scale on the ground pilot wetland projects with selected participating municipalities.

*11 jurisdictions in South Africa  
Advances SDG 15*



## 2019 Local Biodiversity Forum in Ulsan

Through the Biodiversity Forum in Ulsan, ICLEI aims to develop and facilitate local driven policy action and raise citizen participation by co-planning, organizing and summarizing results together. Every year, biodiversity activists and NGOs participate and share their problems and solutions on chosen local biodiversity issues. This local Biodiversity Foru is a self-driven biodiversity event that gives local governments and residents a unique experience of raising awareness around the linkage between biodiversity and sustainable development, and biodiversity activities around the country.

*5 jurisdictions in the Republic of Korea  
Advances SDGs 14, 15*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Nature-based development pathway



## Developing People's Biodiversity Registers for Goa Villages

ICLEI is the Technical Support Group enlisted to assist 21 local Biodiversity Management Committees to produce their People's Biodiversity Register, a repository of local knowledge on Biodiversity.

Through a set of 31 pre-formulated formats, information is collected on various aspects of biodiversity relevant in the local context. This is supplemented through photo documentation and in some cases video documentation. The register is confidential and cannot be shared outside of the main stakeholders at the local level, such as the Goa Biodiversity Board, the Biodiversity Management Committee and the National Biodiversity Authority.

*1 jurisdiction in India*  
*Advances SDG 15*



## Biodiversity Conservation and Natural Resource Management for Sustainable Development in Gangtok

ICLEI is carrying out a baseline assessment of the ecosystems and the services they provide to the city of Gangtok. ICLEI will complete a review of the policy environment with regard to biodiversity conservation and a natural asset map for the city, which will all help to set the baseline for the Local Biodiversity Strategy and Action Plan for the city. This will be in line with the State Biodiversity Strategy and Action Plan and the National Biodiversity Strategy and Action Plan.

*1 jurisdiction in India*  
*Advances SDGs 11, 13, 14, 15*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Nature-based development pathway



## Defining habitat degradation and mitigation plans in alpine and sub-alpine areas for two Himalayan sites

The project promotes sustainable management of high range Himalayan ecosystems to secure conservation of globally significant wildlife, including endangered snow leopard and their habitats and ensures sustainable livelihoods for local community in the four high altitude landscapes in the Trans- and Greater Himalayan region. These actions are aimed at maintaining ecosystem values and ameliorating climate change impacts, enhancing surveillance, monitoring and trans-boundary cooperation to reduce wildlife crime and related threats, and improving knowledge and communications. ICLEI will undertake extensive biodiversity surveys and mapping to identify the drivers of degradation in the alpine and sub-alpine landscapes of Himachal Pradesh. Based on the information thus collected, the project aims to develop a restoration plan for two degraded sites.

*1 jurisdiction in India*

*Advances SDGs 11, 13, 14, 15*



## Preparation of the UNESCO World Heritage - Dossier for Majuli Island

ICLEI supports the Assam State Government to prepare a nomination dossier which highlights Majuli Island's Unique Natural and Cultural heritage which will enable it to be listed as a UNESCO World Heritage site.

*1 jurisdiction in India*

*Advances SDGs 11, 13, 14, 15*

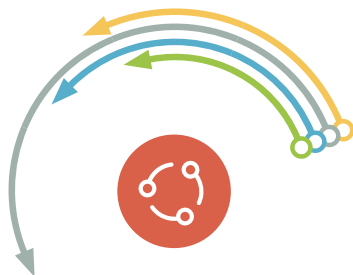


# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

## CIRCULAR DEVELOPMENT PATHWAY

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Circular development, together with new models of production and consumption, builds sustainable societies that use recyclable, sharable and regenerative resources to end the linear model of “produce, consume, discard,” while continuing to meet the material and development needs of a growing global population. Circular development decouples urban economic development from resource consumption and environmental degradation and factors environmental and social costs into the price of goods and services, through equitable access to resources, closed-loop urban systems and sustainable waste management options. New local economies can be born out of circular development, economies that are productive and not extractive, where resources are exchanged and not wasted.





# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Circular development pathway



## CiBiX – City-Business Collaboration Accelerator

The City-Business Collaboration Accelerator (CiBiX) is a platform to increase engagement and collaboration between cities and businesses on city-led urban sustainability challenges. Through CiBiX, ICLEI provides a neutral platform that enables local government to take an active role in presenting their challenges to relevant private sector experts. Together they are able to participate in an early-engagement workshop that helps the city to receive new contributions as well as identify potential solutions and partnerships which they can choose to further explore. For businesses, it provides a strong networking opportunity to connect with local governments and learn exactly what their needs are in a particular sector or challenge scenario. The CiBiX Platform encourages cities to frame their urban challenges with a private sector engagement perspective- helping them to take the first step towards exploring potential partnerships relevant for their needs. The first service is a short-form ideation and early engagement workshop to stimulate an open and transparent interactive dialogue between a lead city and well-matched private sector representatives with a sustainability challenge framing.

*Globally*

*Advances SDGs 8, 9, 11, 12, 13, 17*



## The Urban Nexus

The Urban Nexus project started out as a bottom-up initiative operating primarily at the city level. GIZ and ICLEI provide customized technical assistance to cities depending on the thematic focus of the cities' nexus pilot projects. However, national, regional and provincial-level legal, regulatory, and policy frameworks are crucial determinants for local decision-making with regard to the nexus sectors. As such, ICLEI is facilitating national – regional – local dialogues as a means to clarify issues impeding the implementation of proposed nexus pilot projects. National-local dialogues help bridge the gap across levels of government particularly in the areas of water including wastewater, energy, and land use as well as cascading finance to the local level. Iteration and continued follow-ups between the two levels of government further strengthens vertical integration. ICLEI also utilizes its various international events to further promote the nexus approach including cross-sectoral cooperation within local governments and across levels of government.

*12 jurisdictions in East Asia, South Asia and Southeast Asia*

*Advances SDGs 6, 7, 11, 13*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Circular development pathway



## Green Circular Cities Coalition

ICLEI helps cities exchange experiences on pathways towards circular economy, advocate the necessity of closing-the-loop thinking, identify cities' potentials, and provide suggestions on mainstreaming circular development in urban planning and policies. Through the Green Circular Cities Coalition, ICLEI supports cities to work towards circular development by organizing capacity building workshops, and peer-to-peer networking on-site visits and round-table meetings. Through the Coalition, cities in Europe and Asia will switch from the linear economic model of "Extract. Refine. Sell. Consume. Discard", to Reduce, Reuse, Recycle. Coalition cities work to optimize existing policies and actions through the lenses of circularity and life-cycle management.

*5 jurisdictions in East Asia and Europe  
Advances SDGs 6, 7, 11, 13*



## Training Activities and Training Materials on Green Public Procurement

Through a series of training programs on green public procurement (GPP) in seven EU countries and revising and expanding the European Commission's Training Toolkit, ICLEI supports a higher uptake of GPP throughout the EU providing high-quality training material and targeted training schemes.

*100 jurisdictions in Europe  
Advances SDGs 8, 11*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Circular development pathway



## Innovative strategic plans for urban waste reduction and management (UrbanWINS)

The project analyzed current strategies for waste prevention and management and assessed how they contribute towards resilience and resource efficiency. UrbanWINS developed and tested methods for designing and implementing eco-innovative strategic plans for waste prevention and management in 8 pilot cities. The strategic plans were created in a citizen engagement process and resulted in three pilot actions in each city. As part of UrbanWINS, the CityMatch program offered staff exchanges between waste management department of different cities to create cross-regional learning and exchanges.

ICLEI supported the UrbanWINS project with activities to facilitate knowledge and experience sharing between public authorities from different parts of the project's regions as well as to carry out mutual benchmarking exercises and evaluation; a series of webinars; an online toolkit; and news aggregation from the sector.

*8 jurisdictions in Europe*  
*Advances SDGs 11, 12*



## PlastiCircle and CIRC-PACK

ICLEI supports cities and work with industry to transform plastic waste into valuable products through PlastiCircle and CIRC-PACK.

*5 jurisdictions in Europe*  
*Advances SDGs 11, 12*



## Learning Technology Accelerator (LEA)

ICLEI accelerates knowledge transfer and dialogue and raise awareness of innovative public procurement in the field of Education and Technology Enhanced Learning across Europe.

*5 jurisdictions in Europe*  
*Advances SDGs 9, 11*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Circular development pathway



## Supporting the Development of Sustainable Solid Waste Management Strategies for the Mountainous Regions of Pakistan, India and Nepal

With support from the Korea Environmental Corporation and the World Bank, ICLEI is supporting the cities of Dharamshala and Kullu-Manali in Himachal Pradesh in the preparation of solid waste management strategies and action plans, as a pilot to improve integrated solid waste management for the mountainous regions of Pakistan, India, and Nepal. The project supports these cities to collect data for solid waste management, conduct surveys and waste quantification and characterisation studies, and finally, provide inputs to waste management strategies for mountainous regions. In order to improve solid waste management in the region, the project aims to analyze current solid waste management in the mountainous regions of Pakistan, India and Nepal, provide suggestions on integrated strategies and models for each country, and to develop guidelines for sustainable solid waste management in the region.

*4 jurisdictions in South Asia  
Advances SDGs 6, 11*

## Circular Public Procurement (PP)

The Circular PP project studies the current state of knowledge on circular public procurement in the Baltic sea region, builds capacity on circular procurement among relevant stakeholders, and delivers and implements pilot procurement programs. ICLEI provides mentoring services to the city of Aalborg in the implementation of two circular procurement pilots, as well as project management and communication support. As a result of this process, the city of Aalborg, along with the other public authorities that are part of the project, will pilot a circular tender process, showcasing how public authorities can leverage their purchasing power to push the economy towards more circularity.

*2 jurisdictions in Europe  
Advances SDGs 11, 12*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021



Circular development pathway

## Solid Waste Management Workshops for Indian Local Officials

ICLEI conducted Municipal Solid Waste Management Exposure Workshops for more than 100 urban local bodies and strengthened their institutional capacities towards collection, treatment, disposal and efficient management of various types and categories of waste. The project also developed training modules, identified external experts and facilitated site visits for participants from local governments. Five 3-day workshops were conducted at different locations as suggested by the National Institute of Urban Affairs. The workshops and site visits will help the municipal officials to develop an understanding of the commonly faced issues, challenges and constraints of managing municipal solid waste. The capacities of the municipal staff will be built to effectively execute municipal solid waste projects and plans as per the mandate of the revised Solid Waste Management Rules, 2016.

*110 jurisdictions in India*

*Advances SDGs 6, 11*



## Integrated Urban Water Management Planning and Implementation-Rajasthan

Rapid IUWM aims to build the capacity of urban local bodies to understand interlinkages between water, wastewater and storm water; and adopt an integrated urban water management planning and implementation approach through multi stakeholder involvement. Two local urban bodies in Rajasthan (Kishangargh and Ajmer) developed an IUWM based vision for their cities and developed an action plan to achieve the IUWM vision. Both the cities implemented a pilot project based on prioritized strategy selected through stakeholder consultations. The project also builds the capacity of local authorities to create, enable, institutionalize and promote inclusive governance mechanisms undertaking water sector reforms for closing the urban water loop and conservation of water bodies within the cities.

*3 jurisdictions in India*

*Advances SDGs 6, 11*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Circular development pathway



## Delivering Integrated Waste Solutions at the National and Local level: Holistic Waste Management Strategy Indian Cities

ICLEI provides technical support to Varanasi city to assess the baseline situation of waste management in the city and engaged all relevant stakeholders in a dialogue to arrive at potential mechanisms, plan and projects that would help the city to address issue of waste management and also prepare for future growth.

*2 jurisdictions in India*

*Advances SDGs 11, 12*



## Urban Rural Assembly

The project 'Urban-Rural Assembly' (URA) aims to build a better understanding of the urban-rural constellation and interdependencies that are emerging along China's vast urbanisation corridors, and which can no longer be described through traditional binaries of 'urban' and 'rural'. The region Huangyan-Taizhou, part of the Chinese 'prefectural-level city' Taizhou, will be examined as an exemplary case study and learning context: a rapidly urbanising region where diverse and seemingly contradictory transformation processes take place simultaneously in close proximity, producing multiple dimensions of urban-rural interrelations. URA combines leading partners in the field of sustainable urban and regional transformation in Germany and China. ICLEI supports the research project in creating an interface between the research partners and policy makers, both within the case region as well as nationally in China and internationally. Through the development of transferable strategic instruments, enabling tools and guidelines, the project seeks to foster knowledge dissemination and transfer across the coastal urbanisation corridor - contributing to the urgent need for creative approaches towards localisation and implementation of the SDGs and the New Urban Agenda in China and beyond.

*2 jurisdictions in China*

*Advances SDGs 1, 6, 8, 9, 10, 11, 12, 13, 15, 17*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Circular development pathway



## Western Cape Smart Procurement Programme, Sustainable Procurement Cities Network South Africa

Working with local and subnational governments, ICLEI develops and implements smart procurement programmes and city-to-city networks to strategically support these governments to build capacity and engage with stakeholders (both local and provincial government and private sector) to implement and embed sustainable procurement practices in Africa.

*Africa*

*Advances SDGs 8, 11*



## BIOVOICES

In order to achieve a sustainable future, it is fundamental to address the challenges of raising awareness of and engaging with the citizens. ICLEI supports and promotes sustainable production of renewable resources from land, fisheries and aquaculture, and their conversion into bio-based products and bio-energy, i.e the bio-economy, to drive growth in new jobs and industries. ICLEI achieves this by ensuring the engagement of all relevant stakeholder groups to involve a plurality of voices with different perspectives, knowledge, and experiences while also animating open dialogue, co-creation and mutual learning.

*Europe*

*Advances SDGs 14, 15*



## EcoProcura Conference Series

The EcoProcura conference series is where public procurement policy meets practice, and where future innovations originate. For 20 years EcoProcura conferences promote exchange and dialogue amongst purchasers from all levels of governments, suppliers, policy-makers and multipliers on strategies and the latest practical solutions on SPP every 3-4 years. The purpose of the EcoProcura is to provide a forum to encourage public authorities (with a focus on local governments) and their partners, such as businesses, to exchange experiences and coordinate their actions and purchasing power in favour of sustainable and innovative products and services.

*Europe*

*Advances SDGs 11, 12, 13*





# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Circular development pathway



## The European NGO Network on Green Public Procurement

To support NGOs in their GPP-related work as well as to strengthen the European network of NGOs, ICLEI organized several activities and produced guidance documents for NGOs. The activities included workshops and training sessions on GPP, the legal framework, practical dimensions, and good practice case studies. The training sessions also covered topics such as ecolabels, green energy, food and catering and forest products. In addition, a series of webinars tailored to the needs of NGOs was organized. As a result of the project, the 17 participating NGOs are well equipped to support their local and regional authorities in implementing GPP.

*Europe*

*Advances SDGs 11, 12, 13*



## European Union GPP Training Programme and Training Toolkit

ICLEI, along with other European Commission partners, supports training on green public procurement (GPP) across 11 countries. ICLEI has developed the GPP training material and a curriculum for the training programs. ICLEI provides a comprehensive 'train the trainer' session to equip the national training organization with the knowledge and tools they need to carry out trainings in their countries.

*Europe*

*Advances SDGs 11, 12, 13*



## Procure2Innovate

The P2I project aims to improve institutional support for public procurers of information and communication technologies (ICT) and other product groups implementing innovation procurement by establishing or expanding competence centers for innovation procurement in ten EU Member States. ICLEI leads on the communication, dissemination and European networking aspect of the project. Within this work ICLEI creates an outreach strategy, leads on promotion and communications activities within Europe, and supports the communication of the cross-order joint procurement.

*Europe*

*Advances SDGs 11, 12*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Circular development pathway



## Research on Environmental Industry and Technology Cooperation with India, the Philippines and Indonesia

Under the Asia Regional Environmental Technology Cooperation project framework of the Foreign Economic Cooperation Office (FECO), Ministry of Ecology and Environment, China, ICLEI supported FECO in conducting one Indian Environmental Industry Research Report, and two Environmental Industry Research Report Solid Waste and Wastewater Management Systems in the Philippines and Indonesia respectively.

ICLEI acted as the coordinator of all activities under this service agreement with FECO, and facilitated planning and implementation of the research projects with the engagement of ICLEI South Asia and ICLEI Southeast Asia. Three research reports were prepared as deliverables of the project and submitted to FECO, as guidance documents for Chinese's environmental enterprises endeavor to engage with the Indian environmental management market, and solid waste and wastewater management in Indonesia and the Philippines. Through this project, ICLEI supported strengthening the cooperation between local governments and the private sector in the region on environmental industry and technology, in exploring possible solutions to the challenges of sustainable development cities are facing.

*South Asia and Southeast Asia  
Advances SDGs 9, 11, 12*



## Development of Holistic Strategy and Action Plan for Plastic Waste Management in Greater Hyderabad Municipal Corporation

ICLEI's 'Holistic strategy and action plan for plastic waste management in GHMC' will act as a guideline for various stakeholders for reducing the use of plastic waste in the city with the focus of making the city single-use plastic free by 2022.

The project also includes design and implementation of a pilot project and dissemination of policy implications by developing guidelines for plastic waste management which can be used as a model case for development of state level plastic waste management policy. The experience will later be shared with central government ministries and other stakeholders to consider as a model for implementing national guidelines on plastic waste management.

*1 jurisdiction in India  
Advances SDGs 3, 11, 12, 15, 17*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Circular development pathway



## Innovation Procurement Brokers

This project establishes an Innovation Procurement Broker (IPB) to facilitate the procurement of innovative goods and services between contracting authorities, suppliers of innovation (with a special focus on SMEs and start-ups), investors, and researchers. The project new opportunities for at least 15 SMEs and/or start ups to develop new products, services or scale up their operations, and connects companies to public buyers. The sustainable business model promoted in this project is based on scaling up at European level the activities of five pilot schemes.

*6 jurisdictions in Europe  
Advances SDGs 9, 11*







# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

## RESILIENT DEVELOPMENT PATHWAY

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Resilient development anticipates, prevents, absorbs and recovers from shocks and stresses, in particular those brought about by rapid environmental, technological, social and demographic change, and improves essential basic response structures and functions.

Resilient development makes resilience a core part of all municipal strategies and prepares for new risks and impacts taking into account the rights and needs of vulnerable sections of our society. Resilient development continuously strengthens essential systems through a transparent and inclusive approach that enhances trust in public institutions.



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Resilient development pathway



## Resilient Cities Congress Series

For a decade, the annual ICLEI Resilient Cities Congress has been providing an open, global space where local governments, researchers, businesses and civil society could meet as equals, contributing with their knowledge and expertise to the advancement of urban resilience. With up to 500 participants and more than 30 partners each year, Resilient Cities is a milestone event where ICLEI engages local, national and global decision makers, adaptation experts and city staff to assess global resilience indicators and forge new partnerships to advance resilient urban development.

*Globally*

*Advances SDG 11*



## Frontline Cities and Islands

While many island urban settlements are growing rapidly, climate change and increasingly frequent disasters are stressing urban systems. ICLEI promotes sustainable island and urban development through resilience and systems planning, clean energy, coastal fisheries management, infrastructure, innovative finance, ecosystems services, post disaster recovery and sustainable tourism. ICLEI collaborates with Mayors and leaders, through twinning of island cities with other cities and regions, to create fruitful partnerships to deliver scalable solutions to build resilience on islands and globally.

*Globally*

*Advances SDG 1, 2, 3, 6, 7, 9, 10, 11, 12, 13, 14, 15, 16, 17*



## International Workshop on the Application and Management of Smart Water

This workshop focused on exploring solutions, technology and applications on building a more resilient and water smart city by a series of indoor lectures, technical visits and group presentations. The target participants include government officials, executives, and research and development personnel responsible for the water management and technical implementation. Experts from the Association of Southeast Asian Nations, New Zealand, Australia and Netherlands shared their expertise with representatives from fifteen countries.

*Globally*

*Advances SDGs 6, 13, 17*





# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Resilient development pathway



## Basque Declaration

ICLEI initiated and continues to promote the uptake of the Basque Declaration, which was adopted by the participants of the 8th European Conference on Sustainable Cities and Towns in April 2016. The Basque Declaration outlines new pathways for European Cities and Towns to create productive, sustainable and resilient cities for a livable and inclusive Europe. The declaration aims to support and accelerate socio-cultural, socio-economic and technological transformation.

*More than 500 jurisdictions in Europe*

*Advances SDGs 11, 13*



## Future Resilience for African Cities And Lands

Through FRACTAL, local governments in sub-Saharan Africa adopt a model of inclusive climate research and action, effectively bridging the divide between science and policy with city identified challenges and needs driving information advancement. The targeted local governments across sub-Saharan Africa participate in city consultations – called Learning Labs - to facilitate knowledge sharing and generation, learning, networking and policy advice. The cities are also exposed to training (at political and technical levels), partnership development and co-production and engagement of robust and scale relevant climate information. FRACTAL has established new methodologies and learnings for improved collaboration and innovative transdisciplinary research by integrating across disciplines, nations, sectors, and between academia and society. This collaboration is rooted in Africa through effective partnerships between individuals and organisations, and between participants in Africa and elsewhere. This new approach to fundamental climate research is strongly framed by information needs of African societal decisions which encourages strengthened knowledge processes and the need for co-production.

*9 jurisdictions in Africa*

*Advances SDGs 11, 13*





# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Resilient development pathway



## AfriAlliance: Africa-EU Innovation Alliance for Water and Climate

ICLEI, through the AfriAlliance, aims to support existing networks in identifying and sharing social innovations and technological solutions for key water and climate challenges. Capitalizing on existing and emerging knowledge and innovation in Africa and the EU ICLEI supports this process by contributing to the development of a social innovation database for water and climate solutions covering the following aspects governance, capacity development, business development and technology; contributing to the development of project outputs such as policy briefs, social innovation factsheets, roadshows and innovation bridge events, and MOOCs; and communication and visibility and building relationships between partners and their networks, raising awareness of the water related challenges and opportunities related to climate change impacts and propose adaptation measures.

*Africa*

*Advances SDGs 6, 13*



## Greenhouse Gas Inventory, Climate Action Plan, Vulnerability Assessment

One of the main scientific problems for understanding southern Africa's climate is that different models give contradictory scenarios for climate trends over the next 5–40 years. Through a transdisciplinary learning approach and scientific research, ICLEI contributes to an improved understanding of climate processes, and regional and local climate trends that drive the southern African climate system's natural variability and responses to change within that system. ICLEI addresses the challenge of providing accessible, timely, applicable and defensible climate information that is needed by decision-makers operating at the city regional scale.

*Africa*

*Advances SDG 11*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Resilient development pathway



## CDKN Knowledge Accelerator Project

Established in 2010, CDKN is a demand-led network that helps developing countries in Africa, Asia and Latin America and the Caribbean to achieve climate compatible development goals. Through this project, CDKN is shifting from knowledge generating and technical assistance to knowledge brokering. It endeavours to get the right information to the right people and create an enabling environment for implementation and scaling climate and development actions in order to drive inclusive, sustainable and climate resilient development, and enhance the quality of life for the poorest and most vulnerable to climate change. ICLEI's role is to facilitate knowledge brokering through making information and learning on climate compatible development easier to access and use for the Asia region.

*South Asia*

*Advances SDGs 11, 13, 17*



## Great Lakes Community Climate Change Project

ICLEI facilitated and trained two groups of municipalities and stakeholders: Training-the-Trainers and Collaborative Implementation Groups. The former worked with 18 communities across the Great Lakes watershed to better understand their local climate impacts and risks. The project helped municipalities convene local workshops to learn how to use climate change modelling data and identify local vulnerabilities, assess and prioritize their risks, and begin developing adaptation plans. The latter worked with 12 communities to move from planning to action on local resilience by identifying implementation ready adaptation initiatives, securing funding for the initiatives, documenting key lessons learned via a case-study series, and leveraging future activities to support the actual implementation of local initiatives.

*27 jurisdictions in Canada*

*Advances SDGs 11, 13, 17*



## Building Adaptive and Resilient Cities Program

ICLEI builds the capacity of local governments to adapt to climate change and increase their resilience through suite of solutions including planning tools, vulnerability and risk assessment resources, stakeholder consultation workshops and peer and partner networking opportunities.

*23 jurisdictions in Canada*

*Advances SDGs 11, 13*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Resilient development pathway



## The Adaptation Changemakers Project

The Adaptation Changemakers Project is training and building agents of change for climate adaptation in communities across Canada. The Changemakers Project is harnessing many stakeholders and decision-makers (municipal, provincial, and federal governments, private sector specialists, industry associations, planners, health professionals) to identify local climate impacts and the actions that each can take to reduce vulnerability to climate change impacts locally. Centered around building capacity to engage stakeholders, assess vulnerability and risk, and develop an implementation-ready local adaptation plan, the project will result in adaptation being integrated across both the municipality and wider community. With technical guidance from ICLEI and regional experts, participants are initiating their adaptation effort with local stakeholders, assessing their risks, and developing a local action plan.

*8 jurisdictions in Canada*

*Advances SDGs 3, 11, 13, 17*



## Together for Climate, Managing Risk Through Community Collaboration

Through the Together for Climate project, municipalities are helping to lead a collaborative co-developed planning exercise with key local groups including regional governments, First Nations, chambers of commerce, land developers, academics, and health professionals. ICLEI is building capacity on climate action by convening eight municipalities in a collaborative adaptation planning process. The process identifies, assesses, and plans for local impacts – with a focus on long-term implementation.

*7 jurisdictions in Canada*

*Advances SDGs 3, 10, 11, 13, 15, 17*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Resilient development pathway



## Thriving Earth Exchange and Resilience Dialogues

American Geophysical Union's Thriving Earth Exchange (TEX) program matches communities with earth and space scientists to lay strong, scientifically based foundations for climate action and adaptation planning. ICLEI partnered with TEX for a facilitated workshop with scientists and 12 communities, including ICLEI members Reno and Missoula. In 2017, ICLEI worked with members Antioch, East Lansing, and Savannah as part of the Resilience Dialogues, a public-private collaboration to connect communities with the most appropriate resources. ICLEI acted as a community network lead to help scientists, experts and city staff deliver a set of resiliency questions and connect threats to resource.

*7 jurisdictions in the United States*

*Advances SDGs 3, 5, 6, 7, 9, 10, 11, 12, 13, 17*



## Pacific Resilience Fiji

ICLEI supports Fiji cities by providing streamlined processes for assessing their risks and challenges and developing achievable action plans. It works side-by-side with the cities and assists them to find partners for action. ICLEI has recently assisted 7 city and town councils to undertake disaster risk self assessment and action planning, using the Sendai Framework and scorecards, and built capacity for disaster risk reduction at 2-day workshops with these cities. City staff and elected councilors now have an understanding of how disasters and climate change impact all the city development challenges. The outcomes of the DRR workshops have been collated into a "Generic Fiji Local Government DRR Action Plan" and provided to the Ministry Local Government and the National Disaster Management Office as input for their current reviews of the Local Government Act and National Disaster Management Plan.

*6 jurisdictions in Fiji*

*Advances SDGs 5, 6, 11, 13, 14*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Resilient development pathway



## Supporting Kochi, Coimbatore, Bhubaneswar in the Climate Smart Cities Program

Through this project, ICLEI enables adoption, implementation and dissemination of the best practices adopted by various Indian cities and setting benchmarks of creating climate resilient and sustainable urban habitats. The Climate Smart Cities program integrates climate change considerations into the planning and implementation of projects of the Smart City Plans in the three cities of Bhubaneswar (Orissa), Coimbatore (Tamil Nadu) and Kochi (Kerala). ICLEI is carrying out detailed assessment of Smart City plans of these cities to understand the baseline with reference to existing climate change measures and assess climate mitigation and adaptation potential of the smart city proposals. ICLEI is also contributing towards formulation of Government of India's 'Climate Smart Cities Assessment Framework (CSCAF)' and facilitating test run of this framework in the project cities and hand holding them to submit the indicators data on the CSCAF. The project will facilitate enhanced and effective roll-out of the smart city actions in the cities.

*6 jurisdictions in India*

*Advances SDGs 11, 13*



## UNISDR Training series on “Making Cities Resilient”

ICLEI and its local partner International Climate Development Institute (ICDI) deliver three training events that teach local stakeholders how to improve resilience mechanisms under the UNISDR frameworks; how to ensure the life quality in order to achieve Disaster Risk Reduction (DRR) from social, environmental and financial perspectives, by implementing the “Disaster resilience scorecard for cities;” and how to enhance and introduce new technology in DRR and resilience to start new business models in the related industry. The trainings include lectures and facilitation of group presentations and discussions.

*5 jurisdictions in Chinese Taipei*

*Advances SDGs 11, 13, 17*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Resilient development pathway



## Integrated Rural Urban Water Management for Climate Based Adaptations in Indian Cities

The IADAPT project addresses the water management issues in Indian cities, moving from existing water management practices that plan, establish and operate water supply, wastewater and storm water systems as separate entities to more integrated and collaborative approaches. ICLEI is helping two Indian cities – Solapur and Vijayawada to be climate resilient by developing an integrated catchment management plan guided by the decision support tool developed to move from conventional water management approaches to an 'Integrated Approach' based on the principles of IWRM and IUWM. The project will institutionalize climate adaptive water resource management at catchment level guided by participatory catchment planning, simple decision support tools, preparation of catchment level action plans and multi-pronged financing approaches.

*2 jurisdictions in India*

*Advances SDGs 6, 11, 13*



## Improved Municipal Planning in African Cities (IMPACT) - for a Climate Resilient Urban Future

ICLEI aims to provide opportunities to integrate unexpected mechanisms that may prove successful in particular situations, which can then be adapted to other contexts for continued multi-level governance success. The implementation of each country's Nationally Determined Contributions (NDC), which will lead to climate resilient development, is a specific place to seek out these opportunities. Through this project, ICLEI builds on the understanding of what enables collaboration mechanisms for climate resilient development, such as environments that allow for learning-by-doing and accumulation of knowledge that can be harnessed, local government officials who are engaged and passionate about building climate resilience, and cities where strong multi-sectoral partnerships exist. Building climate resilience is a multi-sectoral and multi-disciplinary issue, and therefore ICLEI aims to promote collaborative governance, which favours inter-organizational collaborations that increase the depth and breadth of knowledge and expertise that can be drawn on when tackling complex issues such as climate resilience.

*4 jurisdictions in Malawi and Zimbabwe*

*Advances SDGs 5, 6, 7, 11, 13*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Resilient development pathway



## Supporting African Cities Development of Climate Action Plans

Through the CAPs Project, ICLEI Africa is supporting Moroni, Comoros and Nacala, Mozambique with becoming leading Africa cities in terms of climate mitigation and adaptation action planning as well as supporting these cities with continued compliancy to the Global Covenant of Mayors for Climate & Energy Program (GCoM). Specifically, ICLEI is supporting to develop Emissions Reduction Target Setting Reports and Climate Change Mitigation Action Plans under the GCoM Mitigation reporting pathway; and co-developing Risk and Vulnerability Assessments and Climate Change Adaptation Action Plans under the GCoM Adaptation reporting pathway for both cities.

*3 jurisdictions in Mozambique  
Advances SDG 13*



## Pacific Resilience Honiara

ICLEI supports the island cities by providing streamlined processes for assessing their risks and challenges and developing achievable action plans. It works side-by-side with the cities and assists them to find partners for action. ICLEI has been working with Honiara since 2016 to assist the City to undertake a disaster risk self assessment and action, using the Sendai Framework and scorecards, building capacity and supporting city leaders and staff to attend international events for peer-to-peer exchange and learning. There is now a strong understanding of disaster risk reduction among City staff and elected councilors, and an understanding of how disasters and climate change impact all the city development challenges. The ongoing project has led to strong partnerships between ICLEI, UNISDR, UN Habitat and academic professionals and institutions.

*1 jurisdiction  
Advances SDGs 5, 6, 11, 13, 14*





# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Resilient development pathway



## New York City Divestment Case Study

When New York City announced intentions to divest city pension funds from fossil fuel reserve owners by 2022, the move positioned NYC at the center of the global divestment movement. Providing the first in-depth look at the steps NYC took to reach a divestment commitment, ICLEI's case study shows how the the largest municipal pension system in the United States has begun to divest billions of dollars from fossil fuels — and demonstrates to peer cities, large and small, that the principles and processes behind fossil fuel divestment are transferable to nearly any location where the will to divest exists.

*1 jurisdiction in the United States*

*Advances SDGs 3, 6, 7, 8, 9, 10, 11, 12, 13, 16, 17*



## Reducing Extreme Heat Risk for Vulnerable Populations

ICLEI worked with Toronto Public Health to carry out research on strategies being used in other jurisdictions to manage extreme heat in older apartment buildings that don't have air conditioning. The research included both a literature review and interviews with cities in North America and Europe. Eight key strategies were identified for managing extreme heat in Toronto apartment buildings, including active cooling, weatherization and insulation, increasing air circulation, reducing solar gain through windows, increasing natural ventilation, cooling/green/reflective external surfaces, minimizing internal heat generation and cooling on-site within the building.

*1 jurisdiction in Canada*

*Advances SDGs 3, 10, 11, 13*



## Workshops Towards a Sustainable and Resilient Kaohsiung

ICLEI provides workshops that educate municipal governments on how to improve sustainable and resilient mechanisms under the UN frameworks, how to ensure the life quality in order to achieve sustainable development from social, environmental and financial perspectives, and how to enhance and introduce new technology in resilience to start a new business model in the related industry.

*1 jurisdiction in Chinese Taipei*

*Advances SDGs 11, 13*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Resilient development pathway



## Get Ready: The Game of Home Hazard Preparedness

ICLEI created a mobile app to educate homeowners and residents about the impacts of natural hazards and extreme weather, and how people can prepare for these events in their home.

*Canada*

*Advances SDGs 11, 13*



## Temperate

*Temperate* is the next-generation, cloud-based adaptation planning software tool for cities and regional organizations, designed to support leaders in local government sustainability planning. With *Temperate*, ICLEI aims to guide users through exploring potential future climate hazards, creating a vulnerability assessment, and designing adaptation strategies that will help communities along the path toward climate resilience.

*United States*

*Advances SDGs 3, 10, 11*



## Social Implementation Program on Climate Change Adaptation Technology

To assist SI-CAT in its efforts, ICLEI is compiling the best practices in urban resilience and adaptation programs/projects taking place outside of Japan. In 2017-18, ICLEI conducted a set of interviews with local governments worldwide, analyzing those practices and submitted reports which will be used to help researchers and local government officials to further develop understanding of urban resilience and thus contributing to the development of adaptation plans at local level. In 2019, ICLEI will research and compile examples of how local governments are utilizing and systematically managing scientific data in its resilience planning and in its adaptation programs/projects.

*Japan*

*Advances SDGs 9, 11, 13, 17*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Resilient development pathway



## Urban Resilience Training Series

ICLEI and UNDRR are working closely to capacitate local governments in China to address disaster risks at the local level and implement urban resilience objectives including the Sendai Framework. Through targeted workshops, ICLEI East Asia and UNDRR are supporting Chinese cities such as Zhuhai city in exploring climate adaptation solutions and developing action plans based on local needs. Workshops offer regional and global perspectives and cover topics from resilience to infrastructure and urban planning, climate risk modelling and forecasting, and nature-based solutions. ICLEI and UNDRR will work closely through 2020 to support three more Chinese local governments in implementing urban resilience objectives through training. It is expected that local disaster risk reduction planning will be better informed when cities are equipped with skills to assess their respective risks and identify gaps.

*China*

*Advances SDGs 3, 6, 7, 11, 13*



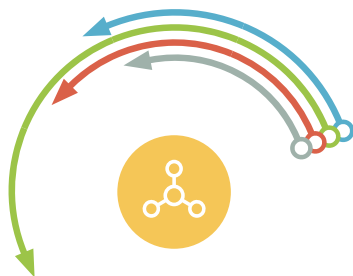


# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

## EQUITABLE AND PEOPLE-CENTERED DEVELOPMENT PATHWAY

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Equitable and people-centered development builds more just, livable and inclusive urban communities and addresses the systemic causes of poverty. Equitable development is inclusive development that safeguards the natural support systems for human life. Equitable and people-centered development ensures that the natural and built environment in and around cities improves livability, safety and health. It secures access to food, water, energy, sanitation, culture and education and clean air and soil for all in human-centered, safe, and culturally vibrant communities.



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Equitable and people-centered development pathway



## International Urban Cooperation

Cities are growing and changing so fast that many authorities are struggling to cope. ICLEI's aim is to boost sustainable urban development, through city-to-city International Urban Cooperation (IUC) on and foster sub-national actions under the Global Covenant of Mayors initiative. ICLEI supports regional innovation strategies and inter-regional cooperation for local and regional development.

*More than 100 jurisdictions around the world*

*Advances SDGs 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17*



## Urban Transitions Alliance

The Urban Transitions Alliance presents an opportunity for industrial legacy cities across the world to become global leaders in sustainable urban development. The Alliance supports cities to identify common challenges, share knowledge, co-create solutions and forge strong working relationships with local government peers, research experts and private sector solution providers. The Alliance is a global network of industrial legacy cities who have all committed to realizing sustainable urban transitions, paving the way for other industrial cities to follow. Participating cities have access to a constantly-evolving knowledge hub and resource platform of innovative urban transition policies and projects in the focus areas of infrastructure, social, energy and mobility transition. Cities also receive service and support infrastructure through access the tools, expertise, research and collaborative space they need for existing and future transition plans.

*12 jurisdictions around the world*

*Advances SDGs 1, 3, 4, 7, 8, 9, 10, 11, 17*



## EcoMobility World Festival

ICLEI stimulates new mobility policies which put people rather than cars at the center, by organizing EcoMobility World Festivals that turn a single neighborhood into an ecomobile, car-free zone for one month, coinciding with a global congress that sparks debate on low emission, human centered and city friendly mobility.

*Globally*

*Advances SDGs 3, 11, 13*





# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

Equitable and people-centered development pathway



## EUROPEANMOBILITYWEEK

Through the EUROPEANMOBILITYWEEK campaign, ICLEI aims to encourage local authorities to test and implement sustainable mobility measures. Within the campaign, ICLEI is responsible for coordinating and carrying out regular dissemination and promotion activities. By taking part in the campaign, towns and cities also use the campaign to promote their sustainable mobility work, in turn gaining more recognition on an international stage, and use it as a platform to introduce more permanent sustainable mobility measures. Local authorities who participate in the campaign and implement all three criteria (organise an activity as part of the week, implement one or more permanent measure, hold a car-free day) are eligible for the EUROPEANMOBILITYWEEK Awards.

*More than 2750 jurisdictions in Europe  
Advances SDGs 11, 13*



## Promoting Smart Cities Through Lighthouse Demonstration Projects

In a rapidly urbanizing world, cities need to become smarter to respond to citizen needs and to reduce their environmental footprint. ICLEI is shaping the Smart City debate in Europe through the Lighthouse demonstration projects (such as GrowSmarter and RUGGEDISED), lead replication and exploitation efforts in more than 50 cities and constructively reflect upon the impact of smart solutions on achieving social cohesion and urban environmental goals.

*50 jurisdictions in Europe  
Advances SDG 11*



## Transition Academy

ICLEI aims to increase the capacity of change makers, civil society and organizations to contribute to more just, sustainable and resilient futures. ICLEI offer academic and professional education on the theory and practice of transformative societal change, by facilitating peer-to-peer learning processes between 15 frontrunner cities and twice as many other cities within Europe.

*45 jurisdictions in Europe  
Advances SDG 11*





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## Rural-Urban Outlooks: Unlocking Synergies (ROBUST)

ICLEI works with a dozen European urban regions on improving the sustainability of the urban-rural nexus in areas such as food, accessibility, energy and raw materials.

*12 jurisdictions in Europe*

*Advances SDGs 2, 6, 7, 10*



## Regeneration and Optimisation of Cultural Heritage in Creative and Knowledge Cities

The aim of the project is to develop an innovative, collaborative and circular systemic approach for regeneration and adaptive reuse of historic city centers. This will be implemented by implementing a repertoire of successful heritage-led regeneration initiatives. The project tests the replicability of the spatial approach and of successful models addressing the specific needs of historic city centres. ROCK delivers new ways to access and experience Cultural Heritage, ensuring environmentally-sound solutions, city branding, bottom-up participation via living labs, while increasing liveability and safety in the involved areas. Sensors and tools support the concrete application of ROCK principles and the platform will enable new ways to collect and exchange data to facilitate networking and synergies.

*8 jurisdictions in Europe*

*Advances SDGs 5, 8, 10, 11, 16*



## Reflecting Cities: Connecting on Sustainability

Through the Reflecting Cities project, ICLEI aims to provide African cities with spaces for reflection to assist them in engaging with the complex urban planning challenges they have identified. The project facilitates a number of exchanges to support urban planners (including representatives from national and local governments) in learning from the experiences of other cities, supported by experts. The project cities have each identified a case study of a complex planning topic with which they are currently wrestling. Based on the technical skills required for each case study, the project provides opportunities to engage with and learn from experts in relevant fields while benefiting from inter-city learning.

*4 jurisdictions in Africa*

*Advances SDGs 9, 11*



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## Smarticipate

Information available to urban planners – such as applicable legal frameworks and relevant policies – are useful to citizens, providing them with a better insight into the planning process and local government decision making. ICLEI is exploring how to use social media and other ICT solutions for better public participation and urban co-creation, and develop new applications together with 3 major European cities. ICLEI will give citizens access to data about their city in an easy to understand way, enabling them to better support the decision-making process.

*3 jurisdictions in Europe  
Advances SDG 11*



## Cultural Heritage and Climate Risk Narratives

Innovative research has been undertaken by ICLEI in Blantyre, Gaborone and Harare to enhance understanding of the influence of people's perceptions and values during their interpretation of climate risk narratives.

*3 jurisdictions in Africa  
Advances SDGs 11, 13*



## MakeICTFair

ICLEI develops procurement guidance including criteria and verification schemes that consider social responsibility throughout the whole supply-chain of ICT products. Additionally, ICLEI is pilot testing procurement criteria with public authorities and consulting with manufacturers and suppliers of ICT through the Market Engagement series. ICLEI's 'Meet the Buyer' event series brings buyers and suppliers of ICT together to discuss public procurement's needs for fair labour conditions along ICT hardware supply chains and how suppliers can respond to this demand.

*2 jurisdictions in Europe  
Advances SDGs 8, 11, 12*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

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## ICT Research, Campaigning, Capacity Building and Advocacy

ICLEI works to make ICT Fair improving the lives of workers and those impacted along different stages of the Information and Communication Technology (ICT) supply chain through research, campaigning, capacity building and advocacy.

*Europe*

*Advances SDGs 9, 11*



## Informed Cities

Drawing on various research projects, ICLEI aims to make research work for local sustainability at the European level. ICLEI works to bridge the gap between research, policy-making and action in sustainable development, at and for the local level. ICLEI organizes knowledge brokerage between local governments and other stakeholder groups such as researchers, civil society initiatives, start-ups etc.

*Europe*

*Advances SDG 11*



## Promotion of Inclusive, Sustainable Growth & Diversity to Strengthen Local Governments

The PROMISE Tool has helped strengthen capacity of local government for integrated, participatory, inclusive and sustainable development and efficient resource mobilisation and utilisation to enhance service delivery, increase community participation and promote diversity in the urban system. Local authorities have been supported to create, enable and institutionalize equitable and inclusive governance mechanism and facilitate the development of smart and sustainable growth in cities through the project. Cities identified the projects that are most desirable and needed by the community. Local governments have recognized the need and importance of citizen engagement.

*4 jurisdictions in India*

*Advances SDGs 6, 11*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

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## SDG Workshops for Medical Experts and Future Leaders

The SDGs Workshops for Medical Experts and Future Leaders Series was conducted by ICLEI, the Urban Diversity and Mobility Institute (UDM), Dr. Jing-Yin Lin, the Zhongshan Medical University, Chaiyi City Government, the National Federation of Medical Physicians, and the Taiwan Student Union, ICLEI customized and designed workshop materials, and facilitated group discussions for medical students and future leaders to explore sustainable visions, challenges and solutions.

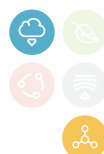
*2 jurisdictions in Chinese Taipei  
Advances SDGs 3, 11*



## 2019 Suwon Forum on Human City

ICLEI co-organizes the Human City Forum, which is hosted by Suwon City, in close cooperation with partner institutions and organizations based in Suwon. The forum aims to leverage the collective local actions for recovering human value in urban space. ICLEI mobilizes speakers from around the world and addressing the importance of the agenda in relation to SDG Goal 11, so that local governments in South Korea get unique insights on global trends on inclusive society and development.

*1 jurisdiction in Republic of Korea  
Advances SDGs 11, 16, 17*



## 2019 SCSE Series—Sustainable City Forum Parallel Session

ICLEI cohosted this side event “Social Innovations and Civic Engagement—City as Living Lab” at the 2019 Smart City Summit and Expo, Taipei. Participants from local governments learned about the smart city model of inclusive, ambitious climate action, mainstreaming public participation development strategies and creating new local leaders. Additionally, the event discussed how to test new ideas and co-create effective solutions in a Living Lab using agile methodologies. From idea identification to conceptualization and from rapid prototyping to testing, combining the Living Lab way of working and citizen engagement in a learning-by-doing approach shows great promise for inclusive city development.

*1 jurisdiction in Chinese Taipei  
Advances SDGs 10, 11, 17*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

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## Young Writers Network

ICLEI is developing a science communications toolkit focused specifically on sustainability research. Through the Young Writers Network students and graduates are empowered to become engaging communicators. Sharing evidence-based knowledge in credible and persuasive ways is paramount to the health of a mindful and engaged society, and is a prerequisite for sustainable development policies at all levels of government, especially local and regional governments, who interface most closely with communities. Through capacity building, and offering online resources and social networking events in partnership with other sustainability organisations in Melbourne, Australia, ICLEI is assisting academic researchers in translating their sustainability research into practice.

*Australia*

*Advances SDGs 3, 4, 5, 10, 11, 12, 13, 16, 17*



## Capacity Building for Climate Resilience in Manitoba

Building Resilience and Adaptation Capacity (BRACE) bridges the gap between tools and information and their successful application in meaningful and influential decision making processes. ICLEI held a series of workshops throughout Manitoba on barriers and opportunities to advance climate adaptation action throughout the Province. These high impact consultation and engagement workshops targeted decision makers and stakeholders in four key sectors: 1) Indigenous and northern communities, organizations, 2) Business sector organizations, 3) Municipal communities or regions and watershed planning organizations, and 4) Infrastructure decision makers and organizations.

*Canada*

*Advances SDGs 10, 11, 13, 16*



## Sustainable Development for Local Governments in Taiwan

ICLEI works with local governments in Taiwan to raise the awareness of SDGs through particularly SDG 11 - sustainable cities and communities -, and provide capacity building on policies of sustainable and healthy cities.

*Chinese Taipei*

*Advances SDGs 3, 11, 13*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

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## Heritage City Development & Augmentation Yojana

ICLEI supports the Indian national government in implementing the National Heritage City Development and Augmentation Yojana Scheme in order to bring together urban planning, economic growth and heritage conservation.

*India*

*Advances SDG 11*



## Supporting Cities to Achieve Climate and People Friendly Mobility

ICLEI is bringing global practices to Indian cities and providing greater access to technical expertise, knowledge exchange and materialise climate and people-friendly mobility in cities.

*India*

*Advances SDG 11*



## City-to-City Food Systems Exchange

ICLEI works in collaboration with FAO, ICLEI, RUAF and C40 to collectively promote and support subnational take-up and engagement regarding food policy and action in African cities, in line with global targets and ambitions articulated in SDG 2 and through initiatives such as the Milan Food Pact. This collaboration is also intended to build on the existing ICLEI-RUAF CITYFOOD Network and related initiatives of all the partners in Africa.

*8 jurisdictions in Africa*

*Advances SDGs 2, 3, 11, 17*



## Advocacy Partnership with FAO

Local and regional governments can have a tremendous impact on city-region food systems, yet many decision makers are unaware of the leverage subnational governments have over their food systems. ICLEI highlights the role local and regional governments can play in improving sustainable and resilient food systems to raise awareness among key stakeholders and partners. ICLEI develops knowledge materials to advance understanding of, and to advocate for, sustainable food systems while promoting local government's actions on this field.

*Globally*

*Advances SDGs 2, 3, 5, 8, 11, 12, 13, 16*









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