



# **THE ICLEI MONTRÉAL ACTION PLAN 2018-2021**

**DRIVING THE MONTRÉAL  
COMMITMENT FORWARD**

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# HOW WE ORIENT OUR WORK

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 pathways encourage holistic thinking to ensure that ICLEI optimizes our impact. For instance, we consider how nature-based development contributes to resilience, or how to bring equity into low emission development.

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.

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.



**130** CONCRETE  
ACTIONS AND  
INITIATIVES AS  
OF JUNE 2018

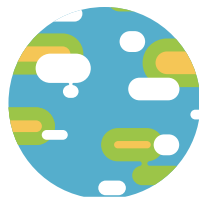
**3,572** CITIES  
AND REGIONS  
INVOLVED

Often, our activities are guided by a predominant pathway or set of pathways. In any given city or region, multiple activities may be implemented along each pathway. Here we demonstrate how each activity - represented by the weave - incorporates different pathways. These activities help local and regional governments advance sustainable urban development.



By incorporating the pathways into our work, entire urban systems become more sustainable.

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 more than 1,750 local and regional governments drives sustainable urban development worldwide.



# THE 5 ICLEI PATHWAYS: HOW TO ACHIEVE THE SUSTAINABLE DEVELOPMENT

## NATURE-BASED DEVELOPMENT



## RESILIENT DEVELOPMENT



# HOW THEY ADVANCE DEVELOPMENT GOALS

## LOW EMISSION DEVELOPMENT



## CIRCULAR DEVELOPMENT



## EQUITABLE AND PEOPLE-CENTERED DEVELOPMENT





# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

## > Entry points: Air quality, energy, transport and mobility

We manage the East Asia Clean Air Cities program, aiming to foster regional cooperation between local governments, partners and solution providers from academia and private sectors, as a response to the urgent need for air quality improvements.

*9 cities: East Asia*



## > Entry points: Air quality, transport and mobility, energy

We promote 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.

*Africa, South Asia, Southeast Asia*



## > Entry point: Biodiversity and ecosystems

We conduct thorough needs assessments on biodiversity and ecosystem services and craft the necessary capacity development and knowledge exchange strategies to improve human well-being, alleviate poverty and strengthen resilience among the urban poor across Africa.

*8 cities: Africa*



We strengthen local and regional government capacity to effectively and equitably manage protected areas and other area-based conservation measures, which has led to a 5 percent increase in the number of new areas registered in national systems each year.

*South America*





# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

## > *Entry point: Biodiversity and ecosystems*

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

*Europe, South America*



## > *Entry points: Biodiversity and ecosystems, data and reporting*

We provide a global platform for local and city-region biodiversity and nature-based targets, highlighting solutions and tools to mainstream green infrastructure options into all sectors such as planning, budgeting, health, water and infrastructure.

*Globally*



## > *Entry points: Biodiversity and ecosystems, finance, infrastructure*

We collect and create new nature-based solutions for cities, defining new models for financing and implementation and scaling-up good practices by transferring knowledge between world regions to bring nature-based development to cities globally.

*25 cities: East Asia, Europe, South America*



## > *Entry points: Biodiversity and ecosystems, policy and advocacy*

We guide all levels of governments on 13 action areas that promote integration, coordination and cooperation in developing and implementing National Biodiversity Strategies and Action Plans under the Convention of Biological Diversity.

*Globally*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

## > *Entry points: Biodiversity and ecosystems, policy and advocacy*

We support subnational government efforts to achieve the Aichi Biodiversity Targets through an initiative established during the Convention on Biological Diversity COP13 in Cancun, Mexico in 2016.

### *Globally*

We support the Assam State Government in preparing a nomination dossier which highlights the unique natural and cultural heritage of Majuli Island, enabling it to be listed as a UNESCO World Heritage site.

### *1 region: South Asia*



## > *Entry points: Biodiversity and ecosystems, urban and rural linkages*

We integrate nature in fast-growing city regions in Asia, Africa and South America and support all levels of government to coordinate their efforts for mainstreaming biodiversity and ecosystem services into core subnational government functions.

### *9 cities: Africa, South America, South Asia*

We seek and promote innovative local solutions to complex issues around natural capital and the degradation of ecosystem services by integrating urban development and biodiversity management at the local level worldwide.

### *6 cities: globally*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

## > Entry point: Climate

We engage in innovative research to look at the role that personal perception and individual and cultural values play in the interpretation of climate risk narratives in Africa.

**3 cities: Africa**

We enable cities worldwide to successfully monitor locally-relevant low carbon programs and projects, by providing political decision makers with the big picture and providing detailed guidance and practice-oriented resources to technical staff through an open access, online, low emission development platform.

**Globally**

We organize workshops to carry out the Disaster Resilience Scorecard for Cities with local governments in China and the Pacific, in order to support implementation of the Sendai Framework for Disaster Risk Reduction.

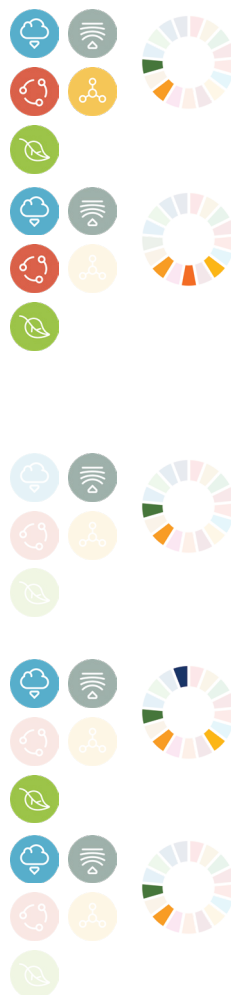
**10 cities: East Asia and Oceania**

We strengthen cooperation between municipalities in Germany and the Global South around climate change mitigation and adaptation through joint action programs.

**9 cities and 1 region: Europe and Southeast Asia**

We support municipal leadership in Brazilian state capital cities with efforts to raise awareness and ambition on environmental policy and embed a climate change lens across all urban planning.

**27 cities: South America**



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

## > Entry point: Climate

We work with the national non-governmental organizations in South America to produce web-based, analytically friendly documents and tools to assess the evolution of country and regional greenhouse gas emissions and pathways, with a specific focus on waste sector emissions.

### *South America*

We support broad-based, inclusive, and resilient economic growth by mentoring emerging secondary cities on integrated climate action planning while promoting local economic development.

### *6 cities: Southeast Asia*

We offer a comprehensive approach and tools to support low emission development policies, through collective trainings and tailored support.

### *60 cities: South America*

## > Entry points: Climate, biodiversity and ecosystems, urban and rural linkages

To address frequent and increasingly devastating disasters impacting Pacific Island Cities, we use the Sendai Framework tools to enact disaster risk reduction assessment, planning and development priorities.

### *5 cities: Oceania*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

## > Entry points: *Climate, data and reporting*

We have cloud-based adaptation planning software that guides local and regional governments worldwide through future climate hazards, enabling them to create vulnerability assessments and design adaptation strategies that improve community climate resilience.



### *Globally*

We engage local governments and stakeholders in climate change assessments, building capacity to use climate data, identifying local vulnerabilities and assessing and prioritizing risk to begin the development of local action plans in North America.



*30 cities/regions: North America*

## > Entry points: *Climate, data and reporting, energy*

We offer a comprehensive methodology to cities worldwide, using a nine-step process with tools, best practices and management support to assess the green economy and green infrastructure as part of pursuing a low emission development trajectory.



### *Globally*

## > Entry points: *Climate, data and reporting, policy and advocacy*

We capacitate local governments in Southeast Asia to develop inclusive low emission development strategies through active citizen engagement and integration of stakeholder pledges into targets and planned activities, ultimately raising the level of ambition in national climate action plans submitted under the Paris Agreement.



*9 cities: Southeast Asia*

# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

## > *Entry points: Climate, data and reporting, policy and advocacy*

We build the capacity of Canadian local governments to adapt to climate change and increase their resilience, offering a suite of solutions, including planning tools, vulnerability and risk assessment resources, stakeholder consultation workshops and peer and partner networking opportunities.

*50 cities: North America*



## > *Entry points: Climate, data and reporting, science and research*

We enable cities in North America to calculate, forecast, plan and monitor emissions under all community and local government operation protocols through the ClearPath online suite of emissions management tools.

*383 cities: North America*



We work as part of the City Climate Planner Certificate Program to train and certify professionals working with greenhouse gas inventories, offering skills development in designing, planning and implementing green growth initiatives, in order to increase the global talent base of local climate planning specialists.

*Globally*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

## > Entry points: *Climate, energy*

We support regional innovation strategies and interregional cooperation for local and regional development as a means to boost sustainable urban development under the Global Covenant of Mayors for Climate and Energy.

*Globally*



## > Entry points: *Climate, energy, data and reporting*

We are a founding partner of the Global Covenant of Mayors for Climate and Energy and support cities and other subnational governments in complying with the climate commitment process, enabling them to make unique commitments and take action within their local context, in ways and at a pace that are appropriate to address their prioritized development actions and fitted to their means and aspirations.

*Globally*



We build synergies between local and national stakeholders to encourage a public policy framework for climate change mitigation and adaptation actions throughout Mexico.

*280 cities: Latin America & Caribbean*



## > Entry points: *Climate, energy, policy and advocacy*

We provide training on mitigation and environmental education for public servants and representatives from the industrial sector to support local governments in Chinese Taipei in becoming low carbon cities.

*East Asia*





# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

## > *Entry points: Climate, infrastructure, finance*

We provide accessible, timely, applicable and defensible climate information to empower decision makers to develop urban and rural plans, investments and infrastructure towards more climate resilience in Africa.

*9 cities: Africa*



## > *Entry points: Climate, policy and advocacy*

We are training and building agents of change for climate adaptation in communities across Canada, engaging with a range of stakeholders and decision makers to identify local climate impacts and the actions each can take to reduce vulnerability to climate change impacts locally.

*8 cities: North America*



We advance the development of country-led strategic plans in Asia that promote economic growth and reduce greenhouse gas emissions, while supporting national governments in accelerating implementation of robust NDCs - the national climate action plans submitted under the Paris Agreement.

*South Asia and Southeast Asia*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

## > *Entry points: Climate, policy and advocacy, data and reporting*

We use multilevel action to accelerate low-emission development and climate resilience across cities worldwide, strengthening cooperation and data sharing across national and local governments and working at the city level on capacity development, pilot projects and finance models designed to advance implementation and deliver on global climate goals.

*60 cities: globally*



## > *Entry points: Climate, policy and advocacy, transport and mobility*

We enable cities and communities worldwide to consistently measure and report emissions and develop climate action plans and low emission development strategies by providing technical guidance on applying the GPC, the Global Protocol for Community-Scale Greenhouse Gas Emission Inventories.

*5,000+ cities: globally*



## > *Entry points: Climate, private sector engagement*

We educate homeowners and residents on the impacts of natural hazards and extreme weather, and how to prepare for these events, through an innovative mobile app.

*Globally*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

## > *Entry points: Climate, private sector engagement, policy and advocacy*

We work with the Federation of Canadian Municipalities to build capacity across Canadian municipalities, by providing accounting and planning tools, knowledge development resources, training workshops and peer networks that enable them to reduce greenhouse gases emissions and take comprehensive climate action.

*350 cities: North America*



## > *Entry points: Climate, science and research*

We use a transdisciplinary learning approach and scientific research to provide accessible, timely, applicable and defensible climate information needed by decision makers operating at the city and regional scale, strengthening their understanding of climate processes trends that drive the southern African climate system variability.

*Africa*



## > *Entry points: Climate, transport and mobility, waste*

We catalyze and facilitate local government action to save energy and reduce greenhouse gas emissions in communities throughout California, coaching cities to create community-based greenhouse gas inventories through an online learning management system and ClearPath.

*200 cities: North America*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

## > *Entry points: Climate, urban and rural linkages, biodiversity and ecosystems*

We advance sustainable island and island urban development, with a specific focus on resilience and systems planning, coastal fisheries management, ecosystems services, post-disaster recovery and sustainable tourism, by leveraging innovative financing solutions and twinning island cities with shoreline cities and regions that deliver globally scalable solutions.

*Globally*



## > *Entry points: Data and reporting, climate*

We engage and prepare cities for the global One Planet City Challenge to recognize their achievements, by facilitating cross-disciplinary, city-wide sustainability efforts, while providing assistance on reporting through the carbonn Climate Registry.

*130 cities: globally*



## > *Entry points: Data and reporting, procurement*

We contribute to the development and piloting of the European Commission Life Cycle Costing tools, enabling them to carry out life cycle costing that considers all costs incurred during the lifetime of a product, work or service, including externalities such as greenhouse gas emissions.

*Europe*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

## > *Entry points: Data and reporting, science and research, policy and advocacy*

We created 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.

*20 cities, 3 regions: North America*



## > *Entry point: Energy*

We aim to mainstream the prosumer phenomenon into the European Energy Union, while supporting citizen participation, inclusiveness and transparency, contributing to a sustainable energy transition through decentralized approaches towards 2030 and 2050.

*9 regions: Europe*



## > *Entry points: Energy, climate, data and reporting*

We strengthen the capacities of cities in Africa to provide access to sufficient, sustainable and safe energy and related services to urban and peri-urban populations, with special attention to energy efficiency and renewable energy as drivers for local low emission, climate resilient, sustainable development.

*13 cities: Africa*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

## > *Entry points: Energy, climate, science and research*

We support cities and regions setting 100 percent renewable energy targets globally, by providing a global forum for discussion and exchange among policymakers and practitioners from various levels of government, energy experts, service providers, researchers and business representatives that creates a multiplier effect for local action on renewable energy.

*Globally*



## > *Entry points: Energy, infrastructure, climate*

We strengthen the capacities of Indian cities to identify, plan and implement measures to achieve low carbon growth and enhance resilience, positioning cities to address the growing demand for energy, infrastructure and services.

*4 cities and 4 regions: South Asia*



## > *Entry points: Energy, infrastructure, smart cities*

We strategize ways to increase the value of existing buildings through significant energy and architectural transformation, ranging from facade additions to rooftop extensions, in order to reach the Nearly Zero Energy Buildings and extreme renovation goal in Europe.

*Europe*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

## > *Entry points: Energy, policy and advocacy, finance*

We assess the potential for district energy systems, which produce steam, hot water or chilled water at a central plant, making them much more efficient and less energy consuming, and develop integrated roadmaps for energy policy and investment in South Asia.

*5 cities: South Asia*



## > *Entry points: Energy, policy and advocacy, private sector engagement*

We offer 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 cities: North America*



## > *Entry points: Energy, private sector engagement, climate*

We aim to decarbonize heating and cooling in an integrated energy system, by accelerating dialogues across levels of government and stakeholder groups, and by providing methods, data, and tools to enable more sophisticated and affordable thermal energy system planning in Europe.

*4 cities: Europe*





# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

## > *Entry points: Energy, private sector engagement, policy and advocacy*

We support cities and regions in Asia, Africa and South America in developing community-wide 100 percent renewable energy strategies, by increasing awareness and stakeholder engagement and assessing project concepts, financeability and implementation plans.

*175 cities: globally*



## > *Entry points: Energy, private sector engagement, science and research*

We support and promote sustainable production of renewable resources from land, fisheries and aquaculture, and their conversion into bio-based products and bio-energy to drive growth in new jobs and industries in the bio-economy in Europe.

*Europe*



## > *Entry points: Finance, climate, energy*

We identify medium to large scale climate and energy projects in Africa to further develop them into bankable joint venture initiatives with private sector financiers.

*Africa*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

## > Entry points: Finance, infrastructure, climate

We facilitate peer-to-peer exchange, learning events and webinars and opportunities to engage in global fora for local governments participating in the Global Platform for Sustainable Cities.

**28 cities:** *Africa, Latin America & Caribbean, South America, South Asia, Southeast Asia*

We close the cities and finance gap through infrastructure project pipelining for the European Investment Bank, with cities across Mexico.

**5 cities:** *Latin America & Caribbean*



## > Entry points: Finance, private sector engagement

We catalyze and improve capital flows to cities, towns and regions and strengthen their capacity to access climate finance and attract investment through a robust pipeline of innovative and ambitious local projects that promotes transformation toward more resilient and sustainable cities and regions.

**80+ cities and regions:** *globally*



## > Entry point: Food systems

We promote 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.

**20+ cities:** *globally*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

## > *Entry points: Food systems, climate, biodiversity and ecosystems*

We explore the intersection of food systems, natural resources management and climate change in Small Islands Developing States to identify coherent and context-specific adaptation and mitigation measures.

*Globally*



## > *Entry points: Food systems, policy and advocacy*

We promote and enable subnational government engagement in food policy and action with a focus on the global targets and ambitions articulated in Sustainable Development Goal 2 and through initiatives such as the Milan Food Pact.

*8 cities, 1 region: Africa*



## > *Entry points: Food systems, water, energy*

We support 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.

*8 cities: Africa, South America, Southeast Asia*



We link urban development and natural resources management in South Asia by introducing, promoting and facilitating the adoption of integrated planning and management approaches, specifically focused on the food-water-energy nexus in developing infrastructure projects.

*3 cities: South Asia*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

## > Entry points: Food systems, water, energy

We explore the interactions and dependencies between rural, peri-urban and urban areas promoting policies, governance models and practices that foster mutually beneficial relations.

*12 regions: Europe*

We facilitate integrated resource management across the water, food and energy sectors in Southeast Asia through concrete pilot projects, following supportive, inclusive development principles.

*4 cities: Southeast Asia*



## > Entry points: Infrastructure, policy and advocacy, science and research

We support industrial legacy cities around the world to identify common challenges, share knowledge and co-create solutions as part of managing their environmental, economic and social transition to a sustainable future.

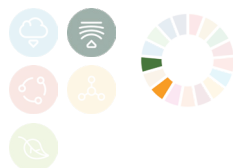
*11 cities: East Asia, Europe, North America*



## > Entry points: Infrastructure, policy and advocacy, climate

We offer high impact capacity building on climate resilience for decision makers and stakeholders representing indigenous and northern communities, the private sector, and local and regional governments.

*30 cities: North America*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

## > Entry point: Policy and advocacy

We are raising awareness of the Sustainable Development Goals across East Asia, with a focus on SDG 11 for sustainable cities and communities, while providing capacity building on policies that support local implementation.

**11 cities, 1 region: East Asia**

We accelerate the uptake of the Basque Declaration, which outlines new pathways for European cities and towns to create productive, sustainable and resilient cities for a livable and inclusive Europe through sociocultural, socioeconomic and technological transformation.

**487 cities and regions: Europe**

We support 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.

**12 cities: South Asia**

We improve visibility, recognition and support for local and regional governments in the United Nations system and other global and regional processes, by enhancing dialogue and collaboration on the delivery and advancement of agendas and processes on sustainability.

**Globally**

We support the leading national sustainable cities initiative in Japan, and have been actively involved from the beginning to support localization of the Sustainable Development Goals.

**East Asia**



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

## > Entry point: Policy and advocacy

We enhance strategic planning, networking, coordination, advocacy and dissemination activities by the Global Task Force of Local and Regional Governments as part of its relations to United Nations member states and decision making bodies.

*Globally*

We actively contribute to the reform efforts to make the United Nations system fit for the sustainable development agenda and ensure enhanced collaboration with all levels of governments, including the development of customized strategies at the national level.

*Globally*

We actively engage in advocacy and resource mobilization with the African Capital Cities Sustainability Forum, which runs a growing network for the mayors of capital cities across Africa to achieve the Sustainable Development Goals.

*Africa*

## > Entry points: Policy and advocacy, climate

We support cities and regions laying out their 2050 visions for sustainable societies and climate neutrality, encouraging them to join KYOTO+20 and cultivate sustainable cities that are in balance with the local and global environment.

*Globally*

We build synergies between local and national stakeholders to encourage a public policy framework on climate change mitigation and adaptation actions throughout Mexico.

*280 cities: Latin America & Caribbean*

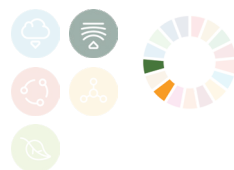


# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

## > *Entry points: Policy and advocacy, climate, finance*

We work with a coalition of countries and institutions working to mobilize support for implementation of NDCs, national climate action plans submitted under the Paris Agreement, to integrate subnational governments into the process, through multilevel governance working groups, knowledge products and tools, country engagement and global events at major fora.

*Globally*



## > *Entry points: Policy and advocacy, finance, climate*

We mobilize and guide local and regional governments in Europe to develop long-term energy policy priorities, while promoting a multilevel governance approach and supporting the development, financing and implementation of integrated sustainable energy and climate action plans, enabling cities to achieve climate resilience and carbon neutrality by 2050.

*70+ cities: Europe*



## > *Entry points: Policy and advocacy, food systems*

We raise awareness on how local and regional governments can impact city-region food systems, by developing knowledge materials that help them advocate and empower subnational leadership to support resilient food systems globally.

*Globally*





# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

## > *Entry points: Policy and advocacy, infrastructure, energy*

We accelerate the implementation of building efficiency policies and programs across cities in the Global South, in direct support of the Building Efficiency Accelerator, in order to translate global expertise into action in cities.

*6 cities: Southeast Asia*



## > *Entry points: Policy and advocacy, private sector engagement*

We engage stakeholders in sub-Saharan African cities in the co-production and implementation of improved collaborative municipal planning mechanisms, such as multi-sectoral forums, conferences, community-led mapping, ward committees and think tanks, while investigating how enhanced collaboration enables climate resilient development.

*2 cities: Africa*



## > *Entry points: Policy and advocacy, science and research*

We engage local, national and global decision makers, along with city staff and urban resilience and adaptation experts in a global platform designed to assess global resilience indicators and forge new partnerships to advance resilient urban development.

*Globally*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

## > *Entry points: Policy and advocacy, smart cities*

We research, campaign, build capacity and advocate for fair Information and Communications Technology for workers and those impacted along different stages of the ICT supply chain in Europe.

*Europe*

We build local capacity to improve quality of life, supporting local elected representatives and authorities in South Asia to create, enable and institutionalize equitable and inclusive governance mechanisms.

*4 cities, 4 regions: South Asia*



## > *Entry points: Private sector engagement, climate*

We implement City Learning Labs to gather a broad range of knowledge-holders and decision-makers in developing a deep, shared understanding of the most critical urban issues linked to climate in European cities.

*Europe*



## > *Entry points: Private sector engagement, science and research, smart cities*

We serve as a knowledge broker to bridge the gap between research, policy-making and action in sustainable development, connecting local governments and stakeholder groups such as researchers, civil society initiatives and start-ups across Europe.

*Europe*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

## > Entry points: Private sector engagement, smart cities

Through our City-Business Collaboration Accelerator - CiBiX - we foster city-business collaboration worldwide for sustainable development through demand-driven, facilitated market engagement.

*Globally*



## > Entry point: Procurement

We create markets for innovative and sustainable products and services, and help meet global and local sustainability goals by building connections, facilitating exchange and providing implementation guidance.

*14 cities/regions: globally*



We support higher uptake of green public procurement by providing high-quality training material and targeted training schemes to improve procurement practices across the European Union.

*100 cities: Europe*



We equip non-governmental organizations to work with local, regional and national governments to facilitate the uptake of green public procurement in Europe.

*Europe*



We run a network of European public authorities to connect, exchange and guide the implementation of sustainable and innovative public procurement.

*50 cities and regions: Europe*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

## > *Entry points: Procurement, energy, private sector engagement*

We support and connect local governments and public authorities in East Asia to enhance sustainable and green procurement through technical consulting services, capacity building and exchange programs, ultimately developing green criteria in specific sectors and local green purchasing policies.

*5 cities/regions: East Asia*



## > *Entry points: Procurement, policy and advocacy*

We improve institutional support for public sector procurement of Information and Communication Technologies in Europe by establishing and expanding competence centers for innovation procurement that change existing practices.

*Europe*



## > *Entry points: Procurement, private sector engagement*

We develop sustainable procurement practices in Africa, facilitating peer exchange and implementing direct programming in partnership with the private sector.

*Africa*



## > *Entry points: Procurement, private sector engagement, waste*

We provide cities with expert advice and mentoring to deliver circular procurement approaches as a catalyst for market uptake of innovative circular products and services.

*3 cities: Europe*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

## > *Entry points: Procurement, science and research*

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

*5 cities: Europe*



## > *Entry points: Procurement, waste*

We enhance urban environmental resilience and facilitate the shift towards sustainable production and consumption through the development and testing of methodologies for designing and implementing strategic plans for waste prevention and management in European cities.

*8 cities: Europe*



## > *Entry points: Science and research, climate*

We tackle community issues and advance local priorities related to natural hazards, natural resources and climate change in North American cities, by bringing together volunteer scientists and community leaders to make use of earth and space science.

*4 cities: North America*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

## > *Entry points: Science and research, climate*

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, ultimately supporting 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*



## > *Entry points: Science and research, data and reporting*

We engage local governments in transformative societal change through academic and professional education on theory and practice, as well as peer-to-peer learning processes between 15 frontrunner cities and twice as many other cities within Europe.

*15 cities: Europe*



## > *Entry points: Science and research, smart cities, energy*

We screen, analyze and replicate feasible solutions for socially inclusive and environmentally sound solutions in wind energy-scarce regions, increasing the overall market uptake of wind energy in Europe.

*11 regions: Europe*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

## > Entry point: Smart cities

As part of smart city demonstration projects, we lead critical and open debates on how smart solutions impact social cohesion and urban environmental goals, ultimately shaping the smart cities debate across Europe.

*50 cities: Europe*



## > Entry points: Smart cities, climate, infrastructure

We support Indian cities in developing sustainable, resilient and climate sensitive infrastructure through dialogue between local financial players, public sector actors and project developers, catalyzing change across other Indian cities.

*3 cities: South Asia*



## > Entry points: Smart cities, data and reporting

We explore the use of social media and other Information and Communications Technology solutions to enhance public participation and urban co-creation in European cities, giving citizens access to easily digestible city data and enabling them to better support the decision-making process.

*3 cities: South Asia*



## > Entry points: Smart cities, private sector engagement, science and research

We demonstrate how to combine Information and Communications Technology, e-mobility and energy solutions to design smart, resilient cities for all in partnership with the private sector and research institutions.

*25 cities: Europe*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

## > *Entry point: Transport and mobility*

We guide school efforts to get pupils out of cars and onto bikes in order to positively impact road network congestion, enhance safety and reduce negative effects of public transport delays in Europe.

**9 cities: Europe**

We engage in TUMI, the Transformative Urban Mobility Initiative by the German government, which advances sustainable urban mobility in developing countries and emerging economies, by focusing on networking among committed cities in the Global South.

**20 cities: Africa**

We enable 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.

**Globally**

## > *Entry points: Transport and mobility, air quality, climate*

We convene urban transportation stakeholders in European cities to develop and implement Sustainable Urban Mobility Plans and strategize how to effectively switch to walking, cycling, public transport and shared electric mobility.

**150+ cities: Europe**





# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

## > *Entry points: Transport and mobility, air quality, climate*

We engage passionate cycling advocates in a cultural and technical journey to reshape future cycling capitals in Europe, leading to improved quality of life, better public health, less traffic congestion, a cleaner environment and economic growth.

*13 cities: Europe*



## > *Entry points: Transport and mobility, climate*

We lead the EcoMobility Alliance in pioneering integrated transport options that are environmentally-friendly, socially inclusive and urban space-friendly, by connecting them with experts, businesses and international organizations, ultimately strengthening sustainable urban transport globally.

*23 cities: globally*



We stimulate 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*



We develop and showcase an integrated and comprehensive approach to address urban transport issues and promote a sustainable built environment by implementing nationally recommended steps and strategies.

*4 cities: South Asia*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

## > *Entry points: Transport and mobility, climate*

We enable cities to assess their mobility systems, identify priorities for improvement, and monitor progress with our SHIFT methodology, while building capacity, creating political momentum and advising cities on sustainable urban transport.

*Globally*



## > *Entry points: Transport and mobility, climate, air quality*

We analyze transportation footprints and develop innovative procurement plans to deliver solutions for zero emission urban delivery of goods and services in European cities.

*3 cities: Europe*



## > *Entry points: Transport and mobility, energy, private sector engagement*

We empower 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.

*50+ cities and regions: Europe*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

## > Entry points: Transport and mobility, private sector engagement

We build capacity across local governments to develop and implement low carbon urban freight policies and practices through urban freight emission assessment tools, pilot demonstration projects, taking a multilevel governance approach designed to shape national policy recommendations.

*3+ cities: South America, South Asia*



## > Entry points: Transport and mobility, smart cities, science and research

We bring global practices to Indian cities and provide greater access to technical expertise and knowledge exchange in order to deliver more climate-safe and people-friendly mobility in cities.

*2 cities: South Asia*



## > Entry point: Waste

We develop and test methods for waste prevention and management, shifting towards sustainable production and consumption, and enhancing urban environmental resilience in European cities.

*8 cities: Europe*



We provide technical support to assess urban waste management baselines, engaging all relevant stakeholders in dialogue to arrive at potential mechanisms, plans and projects to address waste management issues in South Asian cities, while preparing for future growth.

*2 cities: South Asia*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

## > Entry points: Waste, private sector engagement

To support cities in managing resources and dealing with waste crises, we bridge the public and private sectors and facilitate west-east city-to-city knowledge exchange to stimulate innovation that builds the circular economy.

*East Asia, Europe*

We support and work with European cities and industry to transform plastic waste into valuable products.

*5 cities: Europe*



## > Entry points: Water, climate

We improve coordination and integration among African and European stakeholders active in water and climate initiatives, to improve resilience to climate change across all five regions of Africa.

*5 regions: Africa*



## > Entry points: Water, policy and advocacy

We provide a unique platform that enables local governments to exchange knowledge on emerging issues and innovations to achieve a paradigm shift towards more sustainable, resilient and equitable urban water and sanitation practices in Africa.

*Africa*

We prepare a coherent and representative framework on sustainable water management at local level to support the implementation of the European Union water policy and the SDGs.

*25 cities: Europe*



# THE ICLEI MONTRÉAL ACTION PLAN 2018-2021

## > *Entry points: Water, urban and rural linkages, policy and advocacy*

We enable integrated urban water management through participatory catchment planning, decision making tools, preparation of catchment level action plans and multi-pronged financing to enable climate change adaptation measures in urban ecosystems of South Asia.

*2 cities: South Asia*









ICLEI - Local Governments for Sustainability

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