

Appendix 1 – CAS External Commitments – Cities Race to Zero

United Nations Cities Race to Zero.

Committing to Cities Race to Zero involves pledging – via an online form – to:

Publicly endorse the following Principles:

- We recognise the global climate emergency.
- We are committed to keeping global heating below the 1.5°Celsius goal of the Paris Agreement.
- We are committed to putting inclusive climate action at the center of all urban decision-making, to create thriving and equitable communities for everyone.
- We invite our partners – political leaders, CEOs, trade unions, investors, and civil society – to join us in recognising the global climate emergency and help us deliver on science-based action to overcome it.

Pledge to reach (net)-zero in the 2040s or sooner, or by mid-century at the latest, in line with global efforts to limit warming to 1.5°Celsius.

In advance of COP26, explain what steps will be taken toward achieving net zero, especially in the short- to medium-term. Set an interim target to achieve in the next decade, which reflects a fair share of the 50% global reduction in CO₂ by 2030 identified in the IPCC Special Report on Global Warming of 1.5°Celsius.

Immediately proceed to planning at least one inclusive and equitable climate action as listed on www.citiesracetozero.org that will help to place your city on a resilient pathway consistent with the 1.5°Celsius objective of the Paris Agreement and begin implementation no later than 2022.

Report progress annually, beginning no later than 2022 to your usual or the recommended reporting platform. Your 1.5°Celsius target and action commitment(s) should be shared through your regular channels of reporting. If you have not reported before, you will be contacted by partners for support.

List of inclusive and equitable climate action as listed on www.citiesracetozero.org

CREATE A MORE INCLUSIVE SOCIETY

Collect information on the needs of frontline communities (including children, workers in transitioning industries, women, refugees, etc) with respect to climate planning and/or implementation.

Collect spatial or disaggregated data to inform the design and/or monitor the implementation of climate actions

Demonstrate how actions contribute to delivering social and economic benefits, to reducing inequality and to driving a just transition for workers, through carrying out a wider benefits or equity assessments for at least 2 priority city-wide transformative climate actions.

Take action to develop 15- or 30-minute neighborhoods (also known as complete neighborhoods) all throughout the city, where residents are able to meet most of their needs within a short walk or bicycle ride from their homes.

CREATE GREEN AND HEALTHY STREETS

Pilot test and procure, with partners as necessary, zero emissions buses by 2025.

Expand and improve walking, cycling and integrated transit access and identify potential areas for future zero emission zones by 2025.

Procure, with our partners, only zero emission buses from 2025.

Implement pilot measures that restrict internal combustion engines in parts of the city by 2025 and ensure that a major area of our city is zero emission by 2030.

REDUCE AIR POLLUTION & ENSURE CLEAN AIR

Establish baseline levels and set ambitious reduction targets for air pollutants that meet or exceed national commitments. These targets will put us on a path towards meeting World Health Organisation Air Quality Guidelines for particulate matter, nitrogen dioxide, ozone, and sulphur dioxide.

Develop plan by 2025 to achieve pollution reductions from major sources of pollution within city/under city control and implementing at least one new substantive policy and programme to reduce pollution from top source.

Before 2025, implement new substantive policies and programmes to address the top causes of air pollution emissions within our city and under our control by 2025.

DEVELOP ZERO-CARBON BUILDINGS

Develop a roadmap to achieve net zero carbon new buildings from 2030.

Implement pilot efficiency programmes and incentives for building energy efficiency with tools in place that facilitate data access and data analysis (benchmarking) of building energy use by 2025.

Develop a roadmap to achieve net zero carbon municipal buildings by 2030 and policy approval by 2025 to deliver a commitment to own, occupy and develop net zero carbon municipal assets by 2030.

Enact regulations and/or planning policy to ensure NEW buildings operate at net zero carbon by 2030.

Benchmark building energy use in existing buildings and implementing citywide efficiency programmes with an approved roadmap to achieve all net zero carbon buildings by 2050.

Enact regulations and/or planning policy to ensure ALL buildings operate at net zero carbon by 2050, with a roadmap and interim emissions goals in place in 2025.

MOVE TOWARDS RESILIENT & SUSTAINABLE ENERGY SYSTEMS

Develop a roadmap to achieve 100% clean renewable electricity by 2030 and expand this to 100% renewable energy by 2050.

Lead by example with municipal renewable energy projects maximising the potential of municipal assets for onsite generation with the aim to cover municipal electricity demand by 100% renewables by 2025.

Make sure your policies follow the rule of “energy-efficiency” first so take all actions to increase the efficiency of end-use sectors.

Develop financial support programs to incentivize deployment of building-scale renewables and mandate the use of renewables through building codes, while engaging residents and other stakeholders in the process.

Incentivize large scale clean energy generation by using your purchasing power and support community energy projects.

Promote the use of clean energy sources for heating and cooling buildings.

ADVANCE TOWARDS ZERO WASTE

Progressively phase out organics disposal to landfill and incinerators, ie at least 25% by 2025.

Ensure all operating and closed landfills have landfill gas capture and at least flaring (ideally local landfill gas utilization for power generation) by 2025.

Ensure all waste generated in the city is being collected and residual waste is disposed of adequately in at least an engineered sanitary landfill.

Reduce the municipal solid waste generation per capita achieving at least 8% reduction in 2025, with actions like restricting single use materials, and volume based collection fees/incentives like “Pay as you throw”, enroute to 15% reduction by 2030.

Reduce the amount of municipal solid waste disposed to landfill and incineration by at least 50% compared to 2015 by 2030; and increase the diversion rate away from landfill and incineration to at least 70% by 2030, with actions like scaling up citywide collection with 3-stream segregate waste collection including food/recyclables/residual by 2025.

CREATE SUSTAINABLE FOOD SYSTEMS

Pilot school feeding programs that align to locally relevant Planetary Health Diet by 2025.

Implement policies/incentives/taxes/bans that halt or prevent the nutrition transition by 2025.

Regulate or activate programs for food businesses to minimize food related carbon emissions.

Expand access for all citizens to affordable, plant-based food by 2025.

Create a food council/board with local stakeholders by 2025.

Align our food procurement (eg school feeding programs) to planetary health diet by 2030, with at least 50% of procurement expenditure aligned to the planetary health diet by 2025.

Reduce food loss and waste by 50% from a 2015 baseline by 2030, achieving at least a 25% reduction in food loss and waste by 2025.

Support an overall increase of healthy plant-based food consumption in our cities by shifting away from unsustainable, unhealthy diets by 2030.

DIVEST FROM FOSSIL FUELS & INVEST IN A SUSTAINABLE FUTURE

Advocate for fossil-free and sustainable finance by other investors and all levels of government, including by promoting the importance of strong, long-term climate policies and demanding greater transparency.

Call on our pension funds to divest from fossil fuel companies and increase financial investments in climate solutions to help promote decent jobs and a just and green economy.

Take all possible steps to divest our city assets from fossil fuel companies and increase our financial investments in climate solutions to help promote decent jobs and a just and green economy.

MOVE TOWARDS RESILIENT & SUSTAINABLE CONSTRUCTION SYSTEMS

Develop a roadmap with local stakeholders to halve embodied emissions in all infrastructure projects by 2030, including new build and major retrofits, and achieve zero emission construction sites by 2030.

Make sure your policies and actions follow the rule of “existing assets” first to optimize, repurpose and retrofit existing buildings and infrastructure before building new ones.

Lead by example by specifying low carbon materials and zero emission construction machinery in municipal procurement.

Reward resource efficient and circular design, use of low carbon materials, and low to zero waste construction sites for all new projects and major retrofit in municipal procurement, planning permissions, policies and processes and building codes.

Stimulate data transparency and accountability by asking for/requiring Life Cycle Assessments (LCAs) in planning permissions and embedding them into planning policies, processes and building codes.

Approve net zero emission (operational and embodied) flagship project(s) by 2025 and advocate for regional, national government and/or intergovernmental action on sources outside city control.

Assess the impact that the choice of materials and construction design will have on your city’s overall resilience to climate impacts (i.e. increasing urban heat island, impermeable surface increasing the risk of flooding, etc.).