

ClimateResilientCITIES Methodology

The **ClimateResilientCITIES** Action Plan Process is tailor made for Local Governments (LGs), providing **step by step guidance for the development of a climate resilient city action plan** that addresses both, climate change adaptation and climate change mitigation. This process is based on the premise that **climate resilience refers to both climate change mitigation (reduction of GHG emissions) and adaptation (addressing climate change impacts such as sea level rise, precipitation changes, temperature changes and extreme events), and linkages therein**. The process is built on ICLEI's Cities for Climate Protection (CCP) Campaign, ICLEI's flagship mitigation program; the GreenClimateCities

(GCC) program and ICLEI's adaptation toolkit, the ICLEI Asian Cities Climate Change Resilience Network (ACCCRN) Process or IAP toolkit.

The **ClimateResilientCITIES Action Plan Process** is a **9-step process in 3 phases: Analyze, Act and Accelerate**; outlining how **climate fragility** can be assessed and **climate resilient options (to achieve low emissions development and climate adaptive development)** can be identified and integrated into urban development policies, plans and processes. It consists of a wide **range of tools and guidance notes** to support LGs to deliver **effective local climate action**.



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Phase I: ANALYZE

The “Analyze” Phase informs policy and strategic decision-making at the start of the process. This could also be the review phase for advanced local governments.

OUTCOMES

- Declaration of commitment by LG to climate resilient development for the local community.
- Climate Action Planning Process initiated within the LG and community.
- Overview of baseline regarding urban systems, emissions in the city, climate projections and scenarios.



STEP 1: COMMIT & MOBILIZE

Mobilize city government and local stakeholders, secure their commitment to the Process and establish institutional structures for effective planning and implementation.

OUTPUTS

- Political and LG buy-in to kick-start the process for climate resilient development (Tool 1.1 – Mayoral Announcement).
- Formalise governance structures to ensure effective decision-making, planning and implementation (Tool 1.2- Climate Core Team; Tool 1.3A- Stakeholder Consultation).
- Regular communication among the LG and local community (Tool 1.3 B: Communications Plan).



OUTPUTS

- Profiles of international/regional/national and local contexts for climate resilient development in social, political, environmental economic and governance aspects (Tool 2.1: Country Profile; Tool 2.2: City Profile).
- Efficacy of existing response mechanisms and further needs identified from past events (Tool 2.3A: Impacts & Responses to Climate Change).
- City's capacities and readiness to tackle climate change evaluated (Tool 2.3B: Climate Ready Review).



STEP 2: RESEARCH & ASSESS

Assess international/regional/ national contexts for climate resilient development. Conduct a Climate Readiness Review to assess the observed impacts of climate change on the city and its responses.



STEP 3: ANALYZE AND SET BASELINE

Develop a GHG emissions inventory identifying different sources of GHG emissions using the HEATplus online software. Examine fragile urban systems through a climate lens to identify vulnerable areas and populations. Collate this information to prepare the baseline synthesis report.

OUTPUTS

- GHG emissions inventory and forecast (Tool 3.1A: Energy & GHG Emissions Inventory - Data Format, Tool 3.1B: Global Protocol for Community Scale GHG Emissions Inventories, Tool 3.1C: HEATplus Manual, Tool 3.1D: GHG Emissions Inventory Analysis; Tool 3.1E: GHG Emissions Forecasting).
- Climate change scenarios (Tool 3.1F: Climate Change Trends, Projections & Scenarios).
- List of fragile urban systems, climate risks, vulnerable populations and areas (Tool 3.2A: Urban Systems Analysis; Tool 3.2B: Risk Assessment and Tool 3.2C: Vulnerability Assessment).
- Synthesis report (Tool 3.3: Baseline Synthesis report).



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Phase II: ACT

The “Act” Phase outlines the planning and implementation approach which needs to be undertaken.

OUTCOMES

- A comprehensive action plan on building climate resilience for the city.
- Climate resilience measures initiated (adaptation and mitigation).
- Institutionalized monitoring and evaluation system in use.



STEP 4: DEVELOP CLIMATE RESILIENT CITY ACTION PLAN

Identify resilience interventions, prioritize them, set up GHG emissions reduction targets for the city and develop the CRCAP.

OUTPUTS

- Resilience interventions identified, detailed and prioritized (Tool 4.1A: Resilience Interventions, Tool 4.1 B: Catalogue of Resilience Interventions, Tool 4.2: Prioritization of Resilience Interventions).
- Linkages of resilience interventions to existing/ongoing/planned initiatives to leverage funding opportunities (Tool 4.3 A Integration into city plans).
- Political ratification of the Climate Resilient City Action Plan (CRCAP) (Tool 4.3 B Climate Resilient City Action Plan format).



OUTPUTS

- Detailed business plan for priority projects (Tool 5.1: CRCAP Implementation Framework).
- Pilot implementation of selected interventions.
- Case studies of pilot interventions (Tool 5.2: Case Study Template).
- Screening funding sources (including regular municipal budgets, state and national level grants and/or mission funds) for CRCAP implementation. (Tool 5.3: Guidance Note on Financing Climate Action Project).



STEP 5: DETAIL AND FINANCE PROJECTS

Detail out projects, with various financial model options to ascertain actual outflow of funds, payback periods, etc., and explore funding sources, innovations and ideas to successfully implement the CRCAP.



STEP 6: IMPLEMENT AND MONITOR LOCALLY

Develop and adopt a monitoring and evaluation (M&E) system for internal monitoring of CRCAP implementation.

OUTPUTS

- Internal capacity building to enable implementation of the CRCAP (Tool 6.1: City Staff Training Needs Assessment).
- Tracker tool developed with key milestones for monitoring the implementation of projects (Tool 6.2: CRCAP Implementation Tracker).
- Monitoring and evaluation system for internal monitoring of implementation of CRCAP (Tool 6.3: Monitoring & Reporting Tool).



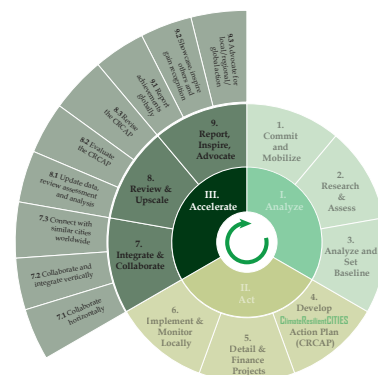
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Phase III: ACCELERATE

The “Accelerate” Phase outlines how to determine progress and achieve results.

OUTCOMES

- Increasing ambition of the CRCAP.
- On-going and increasing GHG reductions and increased climate adaptive capacities for LGs.
- New policy and projects identified to accelerate action, reflecting increased city ambitions.



STEP 7: INTEGRATE AND COLLABORATE

Ensure integration and collaboration (both horizontal and vertical) and expand the collaboration to cities worldwide.

OUTPUTS

- Horizontal collaboration to enable LGs achieve the necessary scale for a strategy that is not viable at a city level, (Tool 7.1: Guidance Note on Horizontal Collaboration with other similar cities in the region/country).
- Vertical collaboration for technical, financial and political support to scale up innovative strategies, technologies, and practices nationally. (Tool 7.2: Guidance Note on Vertical Collaboration with other similar cities in the region/country) .
- Guidance for LGs to join city networks or associations nationally, regionally or internationally that can bring multiple benefits to the city (Tool 7.3: Guidance Note on Connecting with Global Networks).



OUTPUTS

- M&E process for a systematic and comprehensive review of systems, processes, capacities, partners, actions and targets vs. results.
- Review and identification of new sectors, or prioritized actions.
- Strategic review and updation of CRCAP.



STEP 8: REVIEW AND UPSCALE

Conduct a systematic and comprehensive review of systems, processes, capacities, partners and actions and an assessment of targets vs. results according to developed M&E process using all previous tools of the toolkit. Evaluate and revise CRCAP based on these assessments.



STEP 9: REPORT, INSPIRE, ADVOCATE

Report, showcase and advocate the CRCAP process and its implementation in the cities at local, national and international fora.

OUTPUTS

- Advocate the importance of local action and improved enabling framework conditions for LGs with international organizations, agencies and financial institutions (Tool 9.1A: Guidance Note on Regional / National / Global Reporting Platforms, Tool 9.1B: carbonn Climate Registry (<http://carbonn.org>)).
- National and international recognition for city's achievements on the CRCAP process (Tool 9.2: Guidance Note on Communication and Visibility).
- Showcasing local climate leadership in sub-national/regional and or national programs (Tool 9.3: Guidance Note on Local/Regional and Global Advocacy).



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