

Cities Climate Action Report Card – Evaluation Framework Summary

CCARC ID	CCARC Indicator Category	CCARC Criteria Type	CCARC Criteria Title	CCARC Criteria Description	CCARC Alignment Indicator Scoring Level Guidelines
T.11	Target	Integrity	Formal Target Status	Were the city's net-zero targets formally adopted by the executive decision-making authority (e.g. mayor, city council, governor) or instituted in city law?	High: The city's targets have been formally adopted by the executive or legislative authority. Low: The city's targets have not been formally adopted by the executive or legislative authority.
T.12	Target	Integrity	Interim Targets	Does the city have interim, absolute targets starting with at least one short-term target within the next five years or less, followed by targets every five years or less?	High: The city has interim targets set every five years or less, since the net-zero pledge was established. Medium: The city has interim targets, but not every five years or less. Low: The city has not established any interim targets.
T.13	Target	Integrity	Target Methodology	Were the city's net-zero targets developed using a transparent methodology?	High: Yes, the city used a transparent and replicable methodology to develop their net zero and interim targets (specifically, the interim percentage reductions and target years and net zero target year). Medium: The city provides specific justification for the selection of their interim target years and percentage reductions and net zero target year (e.g., aligning with a fair share approach, aligning with the latest science) Low: The city does not provide any justification or explanation for their selection of interim target years, interim percentage reductions, and/or net zero target years.
T.14	Target	Integrity	Target GHG Coverage	Does the city's net-zero target account for all required and relevant greenhouse gases? <u>Required:</u> - carbon dioxide (CO ₂) - methane (CH ₄) - nitrous oxide (N ₂ O) <u>Relevant</u> (city should account for these if they make a material contribution to aggregate city GHG emissions)	High: The city's net-zero target does account for all required gases and some or all relevant greenhouse gases. Medium: The city's net-zero target covers all required gases. Low: The city's net-zero target accounts for some greenhouse gases, but not all that are required and relevant.

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				(IM Report)): - hydrofluorocarbons (HFCs) - perfluorocarbons (PFCs) - sulfur hexafluoride (SF6) - nitrogen trifluoride (NF3)	
T.15	Target	Integrity	Target Scope Coverage	Does the city's net-zero target apply to all BASIC emissions, which include aggregate, city-wide emissions attributable to activities taking place within the geographic boundary of the city, as defined under the city-induced framework by the Global Protocol for Community-Scale Greenhouse Gas Inventories? <u>BASIC emissions include:</u> - All Scope 1 and 2 GHG emissions from stationary energy (buildings and facilities) and transport - Scope 1 and 3 GHG emissions from waste	High: The city's net-zero target applies to all BASIC emissions. Low: The city's net-zero target applies to some but not all of their BASIC emissions.
T.16	Target	Integrity	Target Global Alignment	Do the city's net zero and interim targets align with or exceed reductions needed to align with global goals to limit warming to 1.5°C with limited or no overshoot?	High: The net zero target and all interim target reductions are as ambitious or more ambitious than reductions needed to align with global goals to limit warming to 1.5°C with limited or no overshoot, using an annualized linear reduction methodology between the baseline year and the target year. Medium: At least one of the city's targets is as ambitious or more ambitious than reductions needed to align with global goals to limit warming to 1.5°C with limited or no overshoot, using an annualized linear reduction methodology between the baseline year and the target year. Low: All of the city's target emissions reductions are less ambitious than reductions needed to align with global goals to limit warming to 1.5°C with limited or no overshoot, using an annualized linear reduction methodology between the baseline year and target year.
T.17	Target	Integrity	Target National Alignment	Do the city's net zero and interim emissions reduction	High: The city's net zero and interim targets are all as

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				targets align with or exceed national targets?	ambitious or more ambitious than the equivalent national GHG emissions reduction targets. Medium: At least one of the city's targets are as ambitious or more ambitious than the equivalent national GHG emissions reduction targets. Low: All of the city's targets are less ambitious than the equivalent national GHG emissions reduction targets.
T.L1	Target	Leadership	Clean Energy Targets	Does the city have specific targets aimed towards promoting clean energy, such as ending the use of and/or support for fossil fuels, improving energy efficiency, or increasing the production and consumption of renewable energy?	High: The city has specific targets aimed towards promoting clean energy, such as ending the use of and/or support for fossil fuels, improving energy efficiency, or increasing the production and consumption of renewable energy. Medium: The city addresses the use of fossil fuels and/or clean energy, but does not have specific targets for ending use and support of fossil fuels, improving energy efficiency, or increasing the production and consumption of renewable energy.
T.L2	Target	Leadership	Target Extended Scope Coverage	Does the city's net zero target cover any emissions sources or scopes beyond BASIC emissions?	High: The city's net zero targets apply to emissions sources and scopes beyond BASIC emissions and scope 1 emissions from AFOLU and/or IPPU (e.g. BASIC+ emissions, territorial emissions not including in BASIC/BASIC+, other Scope 3 emissions) Medium: The city's net zero targets cover scope 1 greenhouse gas emissions from AFOLU and/or IPPU.
T.L3	Target	Leadership	Consumption Based Emissions Targets	Does the city have specific targets or goals to address consumption-based emissions?	High: The city has set specific targets or goals for reducing consumption-based emissions. Medium: The city states their intent to address consumption-based emissions, but does not have any specific targets.
T.L4	Target	Leadership	Sectoral Targets	Has the city established specific targets or goals for	High: The city has set specific targets or goals within all sectors

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				each sector, as sectors are defined by the city?	defined by the city. Medium: The city has set specific targets and goals for some, but not all, sectors defined by the city.
P.I1	Plan	Integrity	Update Frequency	Does the city update or plan to update their transition plan at least every ten years?	High: The city states their intent to update the transition plan at least every ten years. If the net-zero pledge has been established for more than ten years, the city has updated their plan at least every ten years. Medium: The city states their intent to update the plan periodically, but not as frequently as every ten years. Low: The city does not plan to update their net-zero transition plan.
P.I2	Plan	Integrity	Baseline Assessment	Does the city's net-zero transition plan contain a baseline assessment, including a baseline emissions inventory reported for a specific year?	High: The city's transition plan contains a detailed baseline assessment, including a baseline emissions inventory for a specific year. Medium: The city's transition plan includes a general baseline assessment but does not include a baseline emissions inventory. Low: The city's transition plan does not include any baseline assessment.
P.I3	Plan	Integrity	Mitigation Strategies	Does the city's net-zero transition plan provide a detailed overview of the planned strategies and actions that cities will pursue for achieving GHG reductions to meet all targets over time?	High: The city's transition plan provides a detailed overview of planned GHG emissions reduction strategies. Medium: The city's transition plan provides an general overview of planned GHG emissions reduction strategies, but lacks detail. Low: The city's transition plan discusses potential strategies and actions for emissions reduction but does not identify a set of planned strategies and actions.
P.I4	Plan	Integrity	Implementation Plan - Authority to Implement	Does the city provide information on their authority to implement the short-term priority strategies and actions?	High: The city's transition plan indicates their authority to implement each short-term priority strategy and action (for example,

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					indicating level of authority over the action, identifying the managing city department/agency, and/or identifying necessary external partners) Medium: The city's transition plan indicates their authority to implement: - all or groups of proposed short-term priority strategys and actions, but does not specifically describe their authority to implement each individual strategy or action - some, but not all, individual proposed strategies and actions Low: The city's transition plan discusses their authority over planned actions generally but does not specifically provide an indication of their authority over planned short-term strategies and actions
P.I5	Plan	Integrity	Implementation Plan - Timeline	Does the transition plan propose an expected implementation timeline for the short term priority strategies and actions?	High: The city's transition plan establishes a timeline for the implementation of each short-term priority strategy and action. Medium: The city's transition plan establishes an expected implementation timeline for: - all or groups of proposed short-term priority strategies and actions (for example, by sector), but does not provide a specific timeline for each proposed strategy or action OR - the city's transition plan establishes a timeline of implementation for some of the short-term priority strategies and actions. Low: The city's transition plan discusses the timeline of implementation generally, but does not establish a specific timeline of implementation.
P.I6	Plan	Integrity	Implementation Plan - Milestones and Performance Indicators	Does the transition plan establish expected milestones and key performance indicators to track the implementation of short-term priority strategies and actions?	High: The city's transition plan establishes specific milestones and key performance indicators for each proposed short-term priority strategy and action. Medium: The city's transition plan establishes specific milestones and key performance indicators for:

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					- all or groups of proposed strategies and actions OR - the city's transition plan establishes specific milestones and KPIs for some, but not all, of the short-term priority strategies and actions. Low: The city's transition plan generally discusses milestones and performance, but does not establish specific milestones and key performance indicators.
P.17	Plan	Integrity	Implementation Plan - Impacts and Benefits	Does the transition plan report the anticipated impacts and benefits of short-term priority strategies and actions, against which the success of these strategies and actions can be assessed?	High: The city's transition plan reports specific anticipated benefits and impacts of each proposed short-term priority strategy and action. Medium: The city's transition plan reports specific anticipated benefits and impacts for - all or groups of proposed strategies and actions, but does not report specific ones for each strategy and action OR - the transition plan reports specific anticipated benefits and impacts for some, but not all, of their proposed short-term priority actions and strategies. Low: The city's transition plan generally discusses impacts and benefits of their short-term priority strategies and actions, but does not report specific anticipated benefits and impacts.
P.18	Plan	Integrity	Implementation Plan - Funding and Financing	Does the transition plan include a funding and financing approach to meet the costs of their short-term priority strategies and actions?	High: The city's transition plan includes a funding and financing approach for each proposed short-term priority strategy and action. Medium: The city's transition plan includes a funding and financing approach for: - all or groups of proposed strategies and actions, but does not report specific ones for each strategy and action OR - the transition plan includes a financing and funding approach for some, but not all, of their proposed short-term priority actions and strategies. Low: The city's transition plan generally discusses possible

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					funding and financing approaches, but does not include any specific funding and financing approaches for their short-term priority actions and strategies.
P.I9	Plan	Integrity	Implementation Plan - Monitoring and Evaluation	Does the transition plan establish a process for monitoring, evaluation, reporting, and revision for their short-term priority strategies and actions?	High: The city's transition plan includes a detailed plan for monitoring, evaluating, reporting, and revising their short-term priority strategies and actions. Low: The city's transition plan generally discusses the importance of monitoring, evaluation, reporting, and revision, but does not establish a plan for this process.
P.I10	Plan	Integrity	Barriers to Action	Does the city's transition plan identify any barriers to action and how they plan to address and overcome these barriers (such as identifying relevant policies, regulations, conditions, and/or partners) and achieve mitigation targets?	High: The city's transition plan identifies specific barriers to action and how they plan to address these barriers. Medium: The city's transition plan identifies specific barriers to action , but does not discuss how they plan to address these barriers. Low: The city's transition plan addresses barriers to action generally, but does not identify specific barriers or how they plan to overcome these barriers.
P.I11	Plan	Integrity	Community Engagement	Is the city's net-zero transition plan based on community engagement and consultation and does it facilitate ongoing engagement, especially with marginalized groups, workers, and frontline communities.	High: The city's transition plan was developed with community engagement and establishes a plan and process for ongoing engagement. Medium: The city's transition plan was developed with community engagement, but does not establish a plan or process for ongoing engagement. Low: The city's transition plan was not developed with any community engagement.
P.L1	Plan	Leadership	Government Engagement	Was the city's net-zero transition plan developed with engagement and consultation from higher levels of government and does it facilitate ongoing engagement with higher levels of	High: The city's transition plan was developed with engagement from higher levels of government and establishes a plan and process for ongoing engagement. Medium: The city's transition plan

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				government?	was developed with engagement from higher levels of government, but does not establish a plan or process for ongoing engagement.
P.L2	Plan	Leadership	Compact Development Strategies	Does the city's net-zero transition plan include strategies and actions to promote compact, dense development?	High: The city's net-zero transition plan includes specific strategies and actions to promote compact, dense development. Medium: The city's transition plan addresses compact development, but does not implement specific strategies or actions to promote compact, dense development.
P.L3	Plan	Leadership	Scope 3 and Consumption-Based Emissions	Does the city's net-zero transition plan include strategies or actions to address and reduce Scope 3 emissions beyond waste or consumption-based emissions?	High: The city's transition plan has specific planned strategies or ongoing actions to address Scope 3 emissions beyond waste and/or consumption-based emissions. Medium: The city states their intent to address Scope 3 emissions beyond waste and/or consumption-based emissions, but does not have any planned or ongoing actions.
P.L4	Plan	Leadership	Renewable/Clean Energy Strategies	Does the city's transition plan include strategies to promote the use of and transition towards renewable/clean energy?	High: The city's transition plan includes specific strategies and action to promote the use of and transition towards renewable/clean energy. Medium: The city's transition plan addresses renewable energy, but does not include specific strategies and actions to promote the renewable/clean energy transition.
P.L5	Plan	Leadership	Green Procurement Strategies	Does the city's transition plan include strategies to promote "green procurement" within the municipal government?	High: The city's transition plan includes specific strategies to promote green procurement in municipal operations. Medium: The city's transition plan addresses the issue of scope 3 and supply chain emissions in municipal operations, but does not introduce specific strategies and actions to promote green procurement.
P.L6	Plan	Leadership	Integration of Mitigation and Adaptation	Does the city's transition plan integrate adaptation or resilience with their mitigation goals by including specific	High: The city's transition plan considers the integration of adaptation and mitigation and includes specific strategies and

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				strategies or actions to promote adaptation and address local climate risks and/or identify specific adaptation co-benefits of their proposed mitigation strategies?	actions to promote adaptation and address local climate risks and/or identifies specific adaptation co-benefits of their proposed mitigation strategies. Medium: The city's transition plan considers the integration of adaptation and mitigation, but does not include specific strategies for adaptation or identify the adaptation co-benefits of proposed mitigation strategies.
P.L7	Plan	Leadership	Use of Offsets, Insets, Removals, and Credits	Does the city have a detailed plan for how they will use insets, removals, offsets, and/or credits to address residual emissions and reach net-zero beyond direct emissions reductions including: - Estimate of residual emissions - Upper limit for the use of offsets and credits - Where and when they will acquire insets and/or offsets, - How they will ensure integrity and quality of insets and/or offsets?	High: The city has a detailed plan for how they will use insets, removals, offsets, and/or credits to achieve net-zero beyond direct emissions reductions, addressing all the listed components. Medium: The city has a plan for how they will use offsets, insets, removals, and/or credits to achieve net-zero beyond direct emissions reductions, addressing some, but not all, of the listed components.
R.I1	Implementation	Integrity	Frequency of Progress Tracking	Does the city annually disclose and report greenhouse gas data and progress against their interim and net-zero targets and plans?	High: The city annually reports emissions inventories, progress towards targets, and other relevant information against their baseline. Medium: The city has reported at least one emissions inventory since setting the net-zero pledge, but does not follow an annual schedule. Low: The city has not reported any emissions inventories since making their net-zero pledge.
R.I2	Implementation	Integrity	Timeliness of Progress Tracking	Is the city's most recent GHG emissions inventory less than three years old?	High: The city's most recent GHG emissions inventory was released within the last three years. Low: The city's most recent GHG emissions inventory is more than three years old.
R.I3	Implementation	Integrity	Standardized Progress Reporting	Does the city publicly disclose and report greenhouse gas data and progress against their interim and net-zero targets and plans in a standardized,	High: The city publicly reports GHG data and progress tracking using a standardized, open format.

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				open format?	Low: The city public reports GHG data and progress tracking, but does not follow a standardized, open format.
R.I4	Implementation	Integrity	Carbon Credit Usage Reporting	Does the city report detailed information about their use of carbon offsets, insets, removals, or credit transactions, including how they are used in relation to the city's targets and information to demonstrate quality?	High: The city reports all credit transactions, offsets, insets, and/or removals, states how these are used in relation to their targets, and includes information to demonstrate and assess their quality, such as purchase price and/or verification of environmental integrity OR the city does not currently use credits, offsets, insets, or removals. Medium: The city reports their credit transactions, offsets, insets, and/or removals but does not include detailed information about them. Low: The city claims to currently use credits, offsets, insets or removals but does not report them in their progress tracking.
R.I5	Implementation	Integrity	Inventory Scope Coverage	Does the city's reporting and progress tracking cover all BASIC emissions, which include aggregate, city-wide emissions attributable to activities taking place within the geographic boundary of the city, as defined under the city-induced framework by the Global Protocol for Community-Scale Greenhouse Gas Inventories? BASIC emissions include: - Scope 1 and 2 GHG emissions from stationary energy (buildings and facilities) and transport - Scope 1 and 3 GHG emissions from waste	High: The city's reporting and progress tracking covers all BASIC emissions. Low: The city's reporting and progress tracking covers some but not all of their BASIC emissions.
R.I6	Implementation	Integrity	Inventory GHG Coverage	Does the city's reporting and progress tracking cover all required and relevant greenhouse gases? Required: - carbon dioxide (CO₂) - methane (CH₄) - nitrous oxide (N₂O) Relevant (city should account	High: The city's reporting and progress tracking covers all required gases and some or all relevant greenhouse gases. Medium: The city's reporting and progress tracking covers all required gases. Low: The city's reporting and

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				for these if they make a material contribution to aggregate city GHG emissions (IM Report)): - hydrofluorocarbons (HFCs) - perfluorocarbons (PFCs) - sulfur hexafluoride (SF6) - nitrogen trifluoride (NF3)	progress tracking covers some but not all required and relevant greenhouse gases.
R.I7	Implementation	Integrity	Target Achievement	Is the city demonstrating progress by achieving or exceeding interim targets based on publicly available data?	High: Based on the city's reporting and progress tracking, the city has achieved or exceeded all expired interim targets and is on track to meet their next targets. Medium: Based on the city's reporting and progress tracking, the city has reduced emissions, but has not achieved or exceeded expired targets and/or is not on track to meet their next targets. Low: Based on the city's reporting and progress tracking, the city has increased emissions since the baseline.
R.L1	Implementation	Leadership	Implementation Progress	Does the city report progress towards their short-term priority strategies and actions?	High: the city reports progress towards their short-term priority actions and strategies using the performance indicators and/or process of monitoring, evaluation, reporting, and revision established in their current or previous climate action plan or net-zero transition plan. Medium: The city discusses the status of and progress towards their short-term priority actions and strategies generally, but does not use performance indicators or process established in their current or previous plan.
R.L2	Implementation	Leadership	Sectoral Target Progress	Does the city report progress towards their sector-specific targets or sub-goals (aside from their city-wide net zero and interim targets)?	High: The city reports progress towards their sectoral targets or sub-goals using performance indicators established in their plan. Medium: The city discusses the status of and progress towards their sectoral targets or sub-goals generally but does not use performance indicators established in their plan.