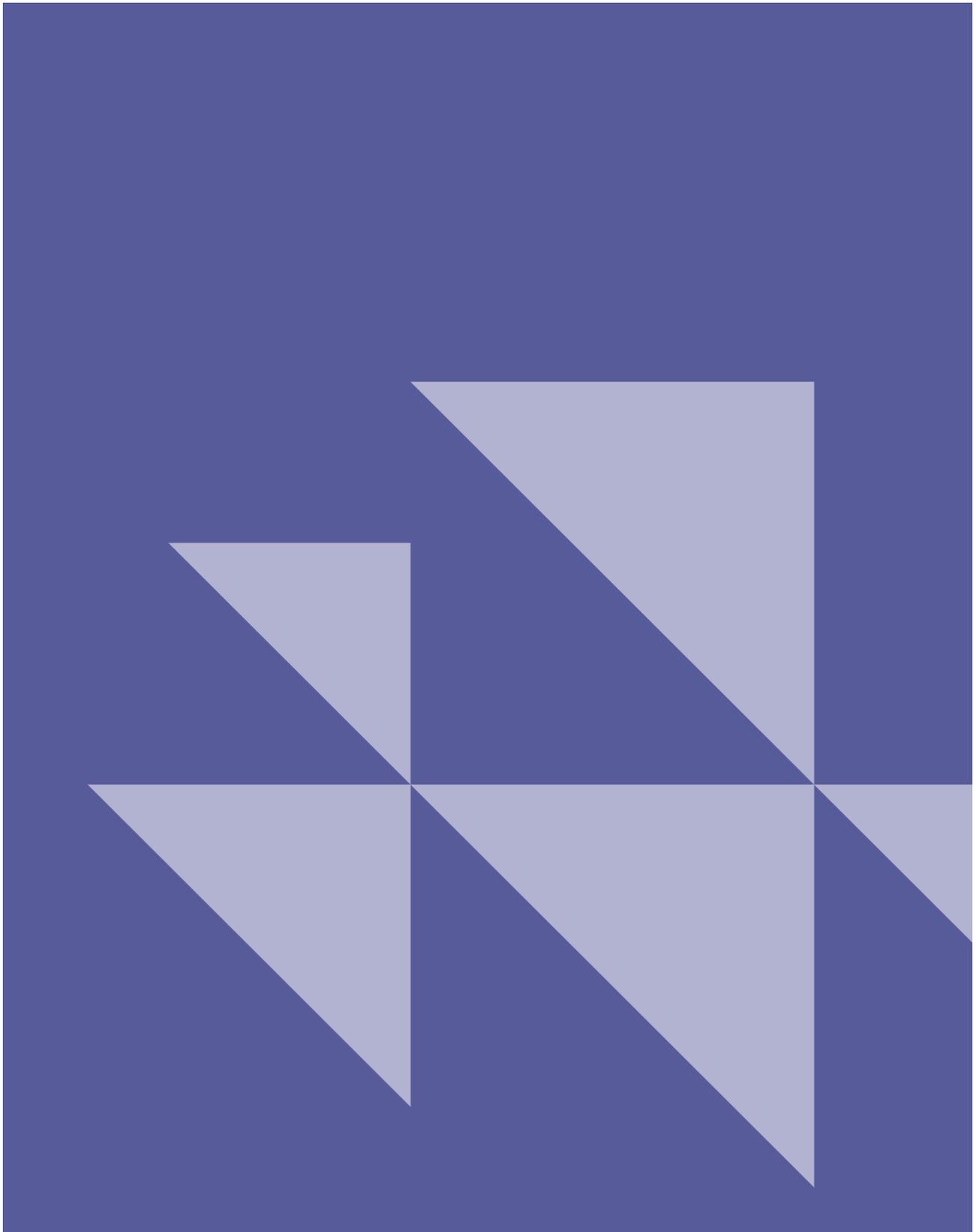# CDP Question Changes and Map: 2019 to 2020

CDP Cities Questionnaire

# 1. Introduction

CDP provides the global platform for cities to measure, manage and disclose their environmental data. We work with over 800 cities measuring and disclosing environmental data each year to manage emissions, build resilience, protect themselves from climate impacts and create better places for people to live and work. CDP has partnered with ICLEI Local Governments for Sustainability to present one unified platform for city climate reporting, streamlining the process of reporting and ensuring simplicity and standardisation for reporting cities. Cities will only have to report once, on one platform, to the following questions. Developments to CDP's 2020 Cities questionnaire reflect and drive best practice and improve both data quality and the disclosure experience. This document outlines in detail the developments and includes three tables:

- ⮌ The first indicates where 2020 questions differ from the 2019 questionnaire, due to a minor change, modification or a development.
- ⮌ The second sets out the structure of the 2020 questionnaire, outlining which state and region initiative each question applies to, and indicates the linkages between questions.
- ⮌ The third shows which question have been deleted from the 2019 questionnaire.

The 2020 questionnaires and the reporting guidance can be viewed at http://www.cdp.net/en/guidance.

# 2. 2019 to 2020 changes

This table indicates where the questionnaire has been revised/developed based on the 2020 questionnaire.

| Question no. | Question text | Revisions from 2020 | Details and rationale for revisions |
|---|---|---|---|
| **0. Introduction** | | | |
| 0.3 | 0.3 Please provide information about your city's Mayor or equivalent legal representative authority in the table below. | Minor change | • **Column removed**: 'Current term end month' |
| 0.4 | 0.4 Please select the currency used for all financial information disclosed throughout your response. | Minor change | • **New drop-down options**: South African rand (ZAR) and West African franc (XOF CFA) |
| **1. Governance and Data Management** | | | |
| 1.3 | 1.3 Please list the key development challenges, barriers and opportunities within the GCC Program. | Minor change | • **Revised column title:** Column title now 'Local Staff Training Needs Assessment' with text field and attachment function |
| 1.5 | 1.5 Please describe to what extent the planning process is transparent and open. | New question | • **New question**: New question for ICLEI's Green Climate Cities |
| **2. Hazards and Vulnerability** | | | |
| 2.0a | 2.0a Please select the primary process or methodology used to undertake the risk or vulnerability assessment of your city. | Minor change | • **New drop-down option:** New option 'ICLEI's Green Climate Cities (GCC) integrated climate change process methodology' added |
| 2.0d | 2.0d Does your city have an update / revision process for the climate risk or vulnerability assessment? | New question | • **New question**: New question for ICLEI's Green Climate Cities |
| 2.1 | 2.1 Please list the most significant climate hazards faced by your city and indicate the probability and consequence of these hazards, as well as the expected future change in frequency and intensity. Please also select the top 3 assets or services that are affected by the climate hazard, and provide a description of the impact. | Minor change | • **New drop-down options**: Drop-down options for the columns on magnitude of current and future expected impacts aligned. |

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|---|---|---|---|
| 2.1a | 2.1a Have you identified the most vulnerable geographic areas in your city? | New question | • **New question**: New question for ICLEI's Green Climate Cities |
| 2.1b | 2.1b Based on the climate hazards identified as "high risk" in your city, have you defined climate exposure scenarios? | New question | • **New question**: New question for ICLEI's Green Climate Cities |
| 2.1c | 2.1c Have you compiled information related to climate risk, vulnerabilities, and adaptive capacities into a baseline synthesis report? | New question | • **New question**: New question for ICLEI's Green Climate Cities |
| 2.2 | 2.2 Please identify and describe the factors that most greatly affect your city's ability to adapt to climate change and indicate how those factors either support or challenge this ability. | Modified question | • **New column:** 'Level of degree to which factor challenges the adaptive capacity of your city'. |
| 2.3 | 2.3 Is your city facing risks to public health or health systems associated with climate change? | New question | • **New questions:** These questions request information on cities capacity and resilience to climate change-related health risks, their adaptation plans and the potential to achieve health co-benefits. It also sends a signal to cites about the importance of tracking health in terms of climate change. |
| 2.3a | 2.3a Please report on how climate change impacts health outcomes and health services in your city. | New question | |
| **3. Adaptation** | | | |
| 3.0 | 3.0 Please describe the main actions you are taking to reduce the risk to, and vulnerability of, your city's infrastructure, services, citizens, and businesses from climate change as identified in the Climate Hazards section. | Modified question | • **New columns:** 'Means of implementation', 'Sectors adaptation action applies to', 'Majority funding source', 'Total cost provided by the majority funding source (currency)'<br>• **New drop-down option**: Option 'Other, please specify' added to column 'Implementation status'. Option 'Seeking funding' added to column 'Finance status' |
| 3.1 | 3.1 Describe how your city identified and prioritized adaptation actions to implement. | New question | • **New question**: New question for ICLEI's Green Climate Cities |
| 3.2 | 3.2 Does your city council, or similar authority, have a published plan that addresses climate change adaptation? | Minor change | • **Revised question text**: Question text now requests 'Does your city council, or similar authority have a published plan that addresses climate change adaptation?' |
| 3.2a | 3.2a Please provide more information on your plan that addresses climate change adaptation and attach the document. Please provide details on the boundary of your plan, and where this differs from your city's boundary, please provide an explanation. | Modified question | • **New column**: 'Climate hazards factored in plan that addresses climate change adaptation'.<br>• **Revised drop-down options**: 'Measurement in progress' revised to 'Monitoring and evaluation in progress'. 'Addressed in general city plan' revised to 'Addressed in general city master plan' |
| 3.3 | 3.3 Please describe the main goals of your city's adaptation efforts and the metrics / KPIs for each goal. | Modified question | • **Removed column:** 'Percentage of target achieved'.<br>• **New columns**: 'Climate hazards that adaptation goal addresses', 'Select the initiatives related to this adaptation goal that your city has committed to'. |

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| 3.4 | 3.4 Does your local/regional government apply a Monitoring & Evaluation (M&E) system for monitoring the implementation of adaptation goals and targets as part of the climate adaptation plan (or integrated climate action plan)? | New question | • **New question:** New question for ICLEI's Green Climate Cities and C40 Cities |
| 3.5 | 3.5 Please explain how your city has addressed vulnerable groups through transformative action. | New question | • **New question:** New question for ICLEI's Green Climate Cities and C40 Cities |
| 3.6 | 3.6 Please explain the level of inclusion of the planning process. | New question | • **New question:** New question for ICLEI's Green Climate Cities and C40 Cities |
| **4. City-wide emissions** | | | |
| 4.5 | 4.5 Please attach your city-wide inventory in Excel or other spreadsheet format and provide additional details on the inventory calculation methods in the table below. | Minor change | • **New drop-down option**: Option "No additional sectors included" added to column "Please select if these additional sectors are included in the inventory" |
| 4.11 | 4.11 Does your city have a strategy, or other policy document, in place for how to measure and reduce consumption-based GHG emissions in your city? | New question | • **New question:** New question for C40 Cities |
| 4.15 | 4.15 Please provide a summary of emissions factors and activity data used in your inventory. | New question | • **New question:** New question for Global Covenant of Mayors Cities |
| **5. Emissions Reduction** | | | |
| 5.0a | 5.0a Please provide details of your total city-wide base year emissions reduction (absolute) target(s). In addition, you may add rows to provide details of your sector-specific targets, by providing the base year emissions specific to that target. | Modified question | • **Revised column**: The column 'Target year absolute emissions' is now automatically calculated in the online response system based on the reported percentage reduction target and base year emissions figure.<br>• **Removed column:** 'Please indicate to which sector(s) the target applies'<br>• **New column:** 'Does this target contribute towards an initiative commitment to climate mitigation?'<br>• **New drop-down option**: 'Administrative' has been added to the column 'Boundary' for cities to report their emissions reduction targets that apply to the operations they own and operate. |
| 5.0b | 5.0b Please provide details of your total fixed level target(s). | Modified question | • **Removed column:** 'Please indicate to which sector(s) the target applies'<br>• **New column:** 'Does this target contribute towards an initiative commitment to climate mitigation?'<br>• **New drop-down option**: 'Administrative' has been added to the column 'Boundary' for cities to report their emissions reduction targets that apply to the operations they own and operate. |

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| 5.0c | 5.0c Please provide details of your total city-wide base year intensity target(s). An intensity target is usually measured per capita or per unit GDP. If you have an absolute emissions reduction target, please select "Base year emissions (absolute) target" in question 5.0. | Modified question | • **Removed column:** 'Please indicate to which sector(s) the target applies'<br>• **New column:** 'Does this target contribute towards an initiative commitment to climate mitigation?'<br>• **New drop-down option**: 'Administrative' has been added to the column 'Boundary' for cities to report their emissions reduction targets that apply to the operations they own and operate. |
| 5.0d | 5.0d Please provide details of your total city-wide baseline scenario target(s), including projected business as usual emissions. | Modified question | • **Removed column:** 'Please indicate to which sector(s) the target applies'<br>• **New column:** 'Does this target contribute towards an initiative commitment to climate mitigation?'<br>• **New drop-down option**: 'Administrative' has been added to the column 'Boundary' for cities to report their emissions reduction targets that apply to the operations they own and operate. |
| 5.4 | 5.4 Describe the anticipated outcomes of the most impactful mitigation actions your city is currently undertaking; the total cost of the action and how much is being funded by the local government. | Modified question | • **New column: '**Total cost provided by the majority fund' |
| 5.5a | 5.5a Please attach your city's climate change mitigation plan below. If your city has both action and energy access plans, please make sure to attach all relevant documents below. | Modified question | • **New column:** 'Does your plan include policy goals that explicitly reflect one of the following principles?' added to request information on equitable mitigation planning. This column is GCC only.<br>• **New column:** 'Focus area of plan' to request information on whether the plan is a mitigation or energy access plan. |
| **6. Opportunities** | | | |
| 6.0 | 6.0 Please indicate the opportunities your city has identified as a result of addressing climate change and describe how the city is positioning itself to take advantage of these opportunities. | Minor change | • **Revised drop-down options:** The drop-down options in the column 'Opportunity' have been revised. |
| 6.1 | 6.1 Has your city measured and demonstrated the wider social and economic impacts of delivering climate actions/projects/policies? If so, please provide more details and a link to more information. | New question | • **New question:** New question for C40 Cities |
| 6.2 | 6.2 Does your city collaborate in partnership with businesses in your city on sustainability projects? | Minor change | • **Revised question text**: Minor revision to question text to request information beyond voluntarily based partnerships |
| 6.2a | 6.2a Please provide some key examples of how your city collaborates with business in the table below. | Modified question | • **New column**: 'Type of collaboration' |

| 6.3 | 6.3 Describe how your local/regional government collaborates and coordinates horizontally on climate action. | New question | • **New question:** New question for ICLEI's Green Climate Cities and C40 Cities |
|---|---|---|---|
| 6.4 | 6.4 Describe how your local/regional government collaborates and coordinates vertically (higher levels of government) on climate action. | New question | • **New question:** New question for ICLEI's Green Climate Cities and C40 Cities |
| 6.5 | 6.5 List any mitigation, adaptation, water related or resilience projects you have planned within your city for which you hope to attract financing and provide details on the estimated costs and status of the project. If your city does not have any relevant projects, please select 'No relevant projects' under 'Project Area'. | Modified question | • **New columns**: 'Financing model identified', 'Identified financing model description' |
| 6.6 | 6.6 Has your city tested their climate actions through pilot/demonstration projects? | New question | • **New question:** New question for ICLEI's Green Climate Cities and C40 Cities |
| 6.7 | 6.7 Has your City received/secured funding for any low carbon projects (e.g. energy efficiency, renewable energy, low emission vehicles, bus rapid transit, waste management) or climate adaptation projects from a development bank (e.g. World Bank, Asian Development Bank, etc.)? | Minor change | • **New column**: 'Comment' |
| 6.8 | 6.8 Has your city established a fund to invest in energy efficiency, renewable energy or carbon reduction projects? | Minor change | • **New column**: 'Comment' |
| 6.9 | 6.9 Has your city taken steps to decarbonise the investments held by the city retirement funds and/or municipal investments, e.g. by making a commitment to divest from fossil fuels and/or increase sustainable investments? | New question | • **New question:** New question for ICLEI's Green Climate Cities and C40 Cities |
| 6.11 | 6.11 If city staff pensions are managed at the city level, who has responsibility for making investment decisions for the city retirement funds? | Modified question | • **New column**: 'Comment'<br>• **New row**: 'City pension fund board' |
| 6.12 | 6.12 Does your city have its own credit rating? | Modified question | • **New column**: 'If you do not have a credit rating, please provide more details on why and what steps you are taking to get one' |
| 6.13 | 6.13 Describe how your city plans to enhance ambition and scale up Climate Action Plan | New question | • **New question:** New question for ICLEI's Green Climate Cities |

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| | (integrated/adaptation/mitigation) and actions to achieve climate neutrality | | |
| 6.14 | 6.14 How do the city's environment/sustainability and economic development departments work together, such as regarding climate action planning? | Modified question | • **Modified question**: Question includes new columns requesting information on planning climate actions beyond a strategy for green growth |
| 6.15 | 6.15 How many people within your city are employed in green jobs/ industries? | Modified question | • **Modified question**: Question now includes new columns requesting information on employment in green industries beyond the number of employees |
| 6.16 | 6.16 Does your city report to the national MRV system (if in place)? | New question | • **New question:** New question for ICLEI's Green Climate Cities |

**7. Local government emissions**

Questions on local government emissions are only presented to ICLEI's Green Climate Cities

**8. Energy**

| | | | |
|---|---|---|---|
| 8.0a | 8.0a Please provide details of your renewable energy or electricity target and how the city plans to meet those targets. | Modified question | • **New column**: 'Type'<br>• **Revised drop-down option:** Response options to column "Energy/electricity types covered by target" are conditional on selection in column 'Type' |
| 8.1 | 8.1 Please indicate the source mix of electricity consumed in your city. | Minor change | • **Revised question text:** Minor change to wording of question text to specify question is requesting information on source mix of electricity consumed in the city.<br>• **New columns:** 'Total' field with auto calculation, 'Year data applies to' |
| 8.2 | 8.2 What scale is the electricity mix data reported above? | Minor change | • **Revised question text:** Minor change to wording of question text to specify question is requesting information on electricity mix.<br>• **New drop-down options:** 'Regional/State electricity mix reported', 'Utility electricity mix reported' have been added. |
| 8.4 | 8.4 How much (in MW capacity) renewable energy is installed within the city boundary in the following categories? | Minor change | • **Revised drop-down option:** 'Ground or water source' revised to 'Hydro Power' |
| 8.5b | 8.5b Please explain why you do not have an energy efficiency target and any plans to introduce one in the future. | Minor change | • **Revised drop-down option:** The drop-down options in the column 'Reason' have been revised. |

**9. Buildings**

| | | | |
|---|---|---|---|
| 9.1 | 9.1 Does your city have emissions reduction targets OR energy efficiency targets for the following building types? | Modified question | • **New columns:** 'Please provide more details and/or link to more information about the emission reduction target', 'Please provide more details and/or link to more information about the energy efficiency target' |

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| 9.2 | 9.2 Is your city implementing a strategy/pathway/roadmap to ensure that all new buildings are net zero carbon operational by 2030? | Modified question | • **Revised question text:** Question text has been revised for simplicity<br>• **New column:** 'Building types that the policy applies to' |
| 9.3 | 9.3 Is your city implementing any requirements to achieve net zero carbon existing buildings? For example, outline how regulations, codes or planning policies requiring Passive House or other ultra-high efficiency standards for existing buildings are being implemented. | Modified question | • **Revised question text:** Question text has been rephrased to improve readability and understanding<br>• **New response option:** Table that allows to provide more detail and/or a weblink |
| 9.5 | 9.5 Is your city implementing any retrofit programs addressing existing commercial, residential and/or municipal buildings? | New question | • **New question:** New question for C40 Cities |
| **10. Transport** | | | |
| 10.1 | 10.1 What is the mode share of each transport mode in your city for passenger transport? | Minor change | • **New row:** 'Micro-Mobility' |
| 10.2 | 10.2 What is the mode share of each transport mode in your city for freight transport? | Modified question | • **Revised drop-down options:** The options in column 'Mode' have been revised.<br>• **New rows:** 'Rail', 'In-land waterways' |
| 10.4 | 10.4 Please provide the total fleet size and number of vehicle types for the following modes of transport. | Minor change | • **New column:** 'Comment' |
| 10.5 | 10.5 Provide information on GHG emissions from transport sector. | New question | • **New question:** New question for ICLEI's Green Climate Cities and C40 Cities |
| 10.6 | 10.6 How many buses has your city procured in the last year? | Minor change | • **New row:** 'Electric trolley buses'<br>• **New column:** 'Comment' |
| 10.9 | 10.9 How many public access EV charging points do you have in your city and/or metropolitan area for the following types: | Modified question | • **New column:** 'Number of charging points in your metropolitan area', 'Comment' |
| 10.14 | 10.14 Please provide city-wide average air pollution metrics from the monitoring sites within your city for the most recent three years. | Modified question | • **Modified question:** Question has been updated to request temporal data on pollutants. |
| **11. Urban Planning** | | | |

| | | | |
|---|---|---|---|
| 11.1 | 11.1 Population living within 500m of a mass transit station, with mass transit defined as any Bus Rapid Transit (BRT), light rail, other rail-based transit modes or frequent bus services (average of five times an hour from 7 a.m. to 9 p.m. on a weekday) | Minor change | • **Revised question:** Change to question text and response options. Detailed guidance developed to support responding to the question. |
| **12. Food** | | | |
| 12.0 | 12.0 Report the total number of meals and tonnes that are served or sold through programs managed by your city (this includes schools, canteens, hospitals etc.). | Modified question | • **Revised question text:** Question text updated for increased clarity.<br>• **New response option**: Requests data on both the number of meals and the tonnes served and/or sold |
| 12.0a | 12.0a Report the tonnes per food group that are served or sold through programs managed by your city (this includes schools, canteens, hospitals etc.). | New question | • **New question**: New question for C40 Cities |
| 12.1 | 12.1 What is the per capita meat and dairy consumption (kg/yr) in your city? | Modified question | • **Revised question text:** Question text now requests both meat and dairy consumptions<br>• **New response option**: New response table, including row 'Meat consumption per capita' (2019, 12.2), 'Dairy consumption per capita (2019, 12.3), Columns: 'Amount', 'Year data applies to', 'Comment'. |
| 12.2 | 12.2 What is the surface area of potential agricultural spaces within the municipal boundary? (km2) | New question | • **New question:** New question for ICLEI's Green Climate Cities |
| 12.4 | 12.4 How does your city increase access to sustainable foods? | Modified question | • **Modified question:** Question text revised. Response option revised. |
| 12.5 | 12.5 Please report the annual volume of food loss and waste in tonnes. | New question | • **New question:** New question: New question for C40 Cities |
| 12.6 | 12.6 What percentage of your population is food insecure? | New question | • **New question**: New question: New question for C40 Cities |
| **13. Waste** | | | |
| 13.0 | 13.0 What is the annual solid waste generation in your city? | Modified question | • **New columns:** 'Year data applies to', 'Please describe the methodology used to calculate the annual solid waste generation in your city'.<br>• **Removed row:** 'Waste generation per capita (kg/person/year)' |
| 13.6 | 13.6 Does your city have any of the following initiatives, policies and/or regulations. | Modified question | • **Modified question:** Question now asks on the initiatives, policies and/or regulations regarding different waste recycling options. |

| 14. Water Security | | | |
|---|---|---|---|
| 14.0 | 14.0 What are the sources of your city's water supply? | Minor change | • **Revised drop down options**: New option 'Surface water, from sources outside the city boundary (by water transfer schemes)', **'**Desalinated seawater' revised to 'Desalinated seawater/brackish water |
| 14.2 | 14.2 Are you aware of any substantive current or future risks to your city's water security? | Minor change | • **Revised question text:** The question text is now referring to 'water security' rather than 'water supply' noting that water risks requested are broader than only water supply risks. |
| 14.2a | 14.2a Please identify the risks to your city's water security as well as the timescale and level of risk. | Modified question | • **Revised response option**: The response options in the column 'Water security risk drivers' have been revised.<br>• **New column**: 'Estimated probability of impact' |

# 3. 2020 map

This table indicates the structure of the questionnaire and the linkages between questions.

| Module no. | Module | Section | 2020 Question no. | 2020 Question text | Linked questions | Initiatives | 2019 Question no. |
|---|---|---|---|---|---|---|---|
| | | | | | | | |
| 0 | Introduction | Introduction | 0.1 | 0.1 Please give a general description and introduction to your city including your city's reporting boundary in the table below. | | All initiatives | 0.1 |
| 0 | Introduction | Introduction | 0.2 | 0.2 If you have not previously submitted a Letter of Commitment to the Global Covenant of Mayors, please attach your Letter of Commitment here, signed by an appropriately mandated official (e.g. Mayor, city Council). Please click here to download the template of the Letter of Commitment. [Attachment function] | | GCoM | 0.2 |
| 0 | Introduction | City Details | 0.3 | 0.3 Please provide information about your city's Mayor or equivalent legal representative authority in the table below. | | All initiatives | 0.3 |

| 0 | Introduction | City Details | 0.4 | 0.4 Please select the currency used for all financial information disclosed throughout your response. | | All initiatives | 0.4 |
|---|---|---|---|---|---|---|---|
| 0 | Introduction | City Details | 0.5 | 0.5 Please provide details of your city's current population. Report the population in the year of your reported inventory, if possible. | | All initiatives | 0.5 |
| 0 | Introduction | City Details | 0.6 | 0.6 Please provide further details about the geography of your city. | | All initiatives | 0.6 |
| | | | | | | | |
| 1 | Governance and Data Management | Governance | 1.0 | 1.0 Does your city incorporate sustainability goals and targets (e.g. GHG reductions) into the master planning for the city? | 1.0a | All initiatives | 1.0 |
| 1 | Governance and Data Management | Governance | 1.0a | 1.0a Please detail which goals and targets are incorporated in your city's master plan and describe how these goals are addressed in the table below. | 1.0 | All initiatives | 1.0a |
| 1 | Governance and Data Management | Governance | 1.1 | 1.1 Please attach the letter from your city's Mayor requesting the relevant local government department to participate in the Green Climate Cities (GCC) program. | | ICLEI GCC | 1.2 |
| 1 | Governance and Data Management | Governance | 1.2 | 1.2 Please list the local government departments involved in the GCC program and its role. It is important to specify the program coordinator, action plan developer, GHG inventory accountant, verifier and action plan implementer. | | ICLEI GCC | 1.3 |
| 1 | Governance and Data Management | Governance | 1.3 | 1.3 Please list the key development challenges, barriers and opportunities within the GCC Program. | | ICLEI GCC | 1.4 |
| 1 | Governance and Data Management | Governance | 1.4 | 1.4 Please list the stakeholder engagement activities for each relevant stakeholder group. | | ICLEI GCC | 1.5 |
| 1 | Governance and Data Management | Governance | 1.5 | 1.5 Please describe to what extent the planning process is transparent and open. | | ICLEI GCC | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1 | Governance and Data Management | Governance | 1.6 | 1.6 How many city staff (FTE) work on topics related to climate change mitigation and adaptation? | | C40 | 1.7 |
| 1 | Governance and Data Management | Data Management | 1.7 | 1.7 Please describe your city's climate data management plan including data collection, storing, quality assurance/checking (QA/QC) and updating of the plan, and attach reference document. | | ICLEI GCC | 1.8 |
| | | | | | | | |
| 2 | Hazards and Vulnerability | Climate Risk and Vulnerability Assessment | 2.0 | 2.0 Has a climate change risk and vulnerability assessment been undertaken for your city? | 2.0a-d | All initiatives | 2.0 |
| 2 | Hazards and Vulnerability | Climate Risk and Vulnerability Assessment | 2.0a | 2.0a Please select the primary process or methodology used to undertake the risk or vulnerability assessment of your city. | 2.0 | All initiatives | 2.0a |
| 2 | Hazards and Vulnerability | Climate Risk and Vulnerability Assessment | 2.0b | 2.0b Please attach and provide details on your climate change risk or vulnerability assessment. Please provide details on the boundary of your assessment, and where this differs from your city's boundary, please provide an explanation. | 2.0 | All initiatives | 2.0b |
| 2 | Hazards and Vulnerability | Climate Risk and Vulnerability Assessment | 2.0c | 2.0c Please explain why your city does not have a climate risk and vulnerability assessment. | 2.0 | All initiatives | 2.0c |
| 2 | Hazards and Vulnerability | Climate Risk and Vulnerability Assessment | 2.0d | 2.0d Does your local/regional government have an update / revision process for the climate risk or vulnerability assessment? | 2.0 | ICLEI GCC | |
| 2 | Hazards and Vulnerability | Climate Hazards | 2.1 | 2.1 Please list the most significant climate hazards faced by your city and indicate the probability and consequence of these hazards, as well as the expected future change in frequency and intensity. Please also select the top 3 assets or services that are affected by the climate hazard, and provide a description of the impact. | | All initiatives | 2.1 |
| 2 | Hazards and Vulnerability | Climate Hazards | 2.1a | 2.1a Have you identified the most vulnerable geographic areas in your city? | | ICLEI GCC | |
| 2 | Hazards and Vulnerability | Climate Hazards | 2.1b | 2.1b Based on the climate hazards identified as "high risk" in your city, have you defined climate exposure scenarios? | | ICLEI GCC | |

| 2 | Hazards and Vulnerability | Climate Hazards | 2.1c | 2.1c Have you compiled information related to climate risk, vulnerabilities, and adaptive capacities into a baseline synthesis report? | | ICLEI GCC | |
|---|---|---|---|---|---|---|---|
| 2 | Hazards and Vulnerability | Climate Hazards | 2.2 | 2.2 Please identify and describe the factors that most greatly affect your city's ability to adapt to climate change and indicate how those factors either support or challenge this ability. | | All initiatives | 2.2 |
| 2 | Hazards and Vulnerability | Climate Hazards | 2.3 | 2.3 Is your city facing risks to public health or health systems associated with climate change? | 2.3a | All initiatives | |
| 2 | Hazards and Vulnerability | Climate Hazards | 2.3a | 2.3a Please report on how climate change impacts health outcomes and health services in your city. | 2.3 | All initiatives | |
| | | | | | | | |
| 3 | Adaptation | Adaptation Actions | 3.0 | 3.0 Please describe the main actions you are taking to reduce the risk to, and vulnerability of, your city's infrastructure, services, citizens, and businesses from climate change as identified in the Climate Hazards section. | | All initiatives | 3.0 |
| 3 | Adaptation | Adaptation Actions | 3.1 | 3.1Describe how your city identified and prioritized adaptation actions to implement | | ICLEI GCC | |
| 3 | Adaptation | Adaptation Planning | 3.2 | 3.2 Does your city council, or similar authority, have a published plan that addresses climate change adaptation? | 3.2ab | All initiatives | 3.1 |
| 3 | Adaptation | Adaptation Planning | 3.2a | 3.2a Please provide more information on your plan that addresses climate change adaptation and attach the document. Please provide details on the boundary of your plan, and where this differs from your city's boundary, please provide an explanation. | 3.2 | All initiatives | 3.1a |
| 3 | Adaptation | Adaptation Planning | 3.2b | 3.2b Please explain why there is not a published plan and any future arrangements you have to create a plan. | 3.2 | All initiatives | 3.1b |
| 3 | Adaptation | Adaptation Goals | 3.3 | 3.3 Please describe the main goals of your city's adaptation efforts and the metrics / KPIs for each goal. | | All initiatives | 3.2 |

| 3 | Adaptation | Adaptation Planning Process | 3.4 | 3.4 Does your local/regional government apply a Monitoring & Evaluation (M&E) system for monitoring the implementation of adaptation goals and targets as part of the climate adaptation plan (or integrated climate action plan)? | | C40, ICLEI GCC | |
|---|---|---|---|---|---|---|---|
| 3 | Adaptation | Adaptation Planning Process | 3.5 | 3.5 Please explain how your city has addressed vulnerable groups through transformative action. | | C40, ICLEI GCC | |
| 3 | Adaptation | Adaptation Planning Process | 3.6 | 3.6 Please explain the level of inclusion of the planning process. | | C40, ICLEI GCC | |
| | | | | | | | |
| 4 | City-wide Emissions | City-wide GHG Emissions Data | 4.0 | 4.0 Does your city have a city-wide emissions inventory to report? | 4.1, 4.2, 4.3, 4.4, 4.5, 4.6cd, 4.7, 4.8, 4.9, 4.12, 4.14 | All initiatives | 4.0 |
| 4 | City-wide Emissions | City-wide GHG Emissions Data | 4.1 | 4.1 Please state the dates of the accounting year or 12-month period for which you are reporting your latest city-wide GHG emissions inventory. | 4.0 | All initiatives | 4.1 |
| 4 | City-wide Emissions | City-wide GHG Emissions Data | 4.2 | 4.2 Please indicate the category that best describes the boundary of your city-wide GHG emissions inventory. | 4.0 | All initiatives | 4.2 |
| 4 | City-wide Emissions | City-wide GHG Emissions Data | 4.3 | 4.3 Please give the name of the primary protocol, standard, or methodology you have used to calculate your city's city-wide GHG emissions. | 4.0, 4.3a, 4.6a-f | All initiatives | 4.3 |
| 4 | City-wide Emissions | City-wide GHG Emissions Data | 4.3a | 4.3a The Global Covenant of Mayors requires committed cities to report their inventories in the format of the new Common Reporting Framework (CRF). Would you like to report your inventory in the CRF format or continue to report in the GPC format? This question triggers the display of the corresponding emissions table. | 4.3, 4.6ab | GCoM | 4.3a |
| 4 | City-wide Emissions | City-wide GHG Emissions Data | 4.4 | 4.4 Which gases are included in your city-wide emissions inventory? | 4.0 | All initiatives | 4.4 |
| 4 | City-wide Emissions | City-wide GHG Emissions Data | 4.5 | 4.5 Please attach your city-wide inventory in Excel or other spreadsheet format and provide additional details on the inventory calculation methods in the table below. | 4.0 | All initiatives | 4.5 |

| 4 | City-wide Emissions | City-wide GHG Emissions Data | 4.6a | 4.6a The Global Covenant of Mayors requires committed cities to report their inventories in the format of the new Common Reporting Framework, to encourage standard reporting of emissions data. Please provide a breakdown of your city-wide emissions by sector and sub-sector in the table below. Where emissions data is not available, please use the relevant notation keys to explain the reason why. | 4.3, 4.3a | GCoM | 4.6a |
|---|---|---|---|---|---|---|---|
| 4 | City-wide Emissions | City-wide GHG Emissions Data | 4.6b | 4.6b Please provide a summary of emissions by sector and scope as defined in the Global Protocol for Community Greenhouse Gas Emissions Inventories (GPC) in the table below. | 4.3, 4.3a | All initiatives | 4.6b |
| 4 | City-wide Emissions | City-wide GHG Emissions Data | 4.6c | 4.6c Please provide a breakdown of your GHG emissions by scope. Where values are not available, please use the comment field to indicate the reason why. | 4.0, 4.3 | All initiatives (not GCoM) | 4.6c |
| 4 | City-wide Emissions | City-wide GHG Emissions Data | 4.6d | 4.6d Where it will facilitate a greater understanding of your city-wide emissions, please provide a breakdown of these emissions by IPCC sector in the table below. | 4.3 | All initiatives (not GCoM) | 4.6d |
| 4 | City-wide Emissions | City-wide GHG Emissions Data | 4.6e | 4.6e Where it will facilitate a greater understanding of your city-wide emissions, please provide a breakdown of these emissions by the US Community Protocol sources. | 4.0, 4.3 | All initiatives (not GCoM) | 4.6e |
| 4 | City-wide Emissions | City-wide GHG Emissions Data | 4.6f | 4.6f Where it will facilitate a greater understanding of your city-wide emissions, please provide a breakdown of these emissions by end user (buildings, water, waste, transport), economic sector (residential, commercial, industrial, institutional), or any other classification system used in your city. | 4.3 | All initiatives (not GCoM) | 4.6f |
| 4 | City-wide Emissions | City-wide GHG Emissions Data | 4.7 | 4.7 If the submitted GHG inventory is baseline inventory for target setting, please provide the Baseline Synthesis Report and stakeholder consultation process and results to this inventory | 4.0 | ICLEI GCC | 4.7 |
| 4 | City-wide Emissions | City-wide GHG Emissions Data | 4.8 | 4.8 Please indicate if your city-wide emissions have increased, decreased, or stayed the same since your last emissions inventory, and describe why. | 4.0 | All initiatives | 4.8 |
| 4 | City-wide Emissions | City-wide GHG Emissions Data | 4.9 | 4.9 Does your city have a consumption-based inventory to measure emissions from consumption of goods and services by your residents? | 4.0 | All initiatives | 4.9 |

| 4 | City-wide Emissions | City-wide GHG Emissions Data | 4.11 | 4.11 Does your city have a strategy, or other policy document, in place for how to measure and reduce consumption-based GHG emissions in your city? | | C40 | |
|---|---|---|---|---|---|---|---|
| 4 | City-wide Emissions | City-wide External Verification | 4.12 | 4.12 Has the city-wide GHG emissions data you are currently reporting been externally verified or audited in part or in whole? | 4.0, 4.12ab | All initiatives | 4.11 |
| 4 | City-wide Emissions | City-wide External Verification | 4.12a | 4.12a Please provide the following information about the city-wide emissions verification. | 4.12 | All initiatives | 4.11a |
| 4 | City-wide Emissions | City-wide External Verification | 4.12b | 4.12b Please explain why your city-wide emissions inventory is not verified and describe any plans to verify your city-wide emissions in the future. | 4.12 | All initiatives | 4.11b |
| 4 | City-wide Emissions | Historical Emissions Inventories | 4.13 | 4.13 Please provide details on any historical and base year city-wide emissions inventories your city has, in order to allow assessment of targets in the table below. | | All initiatives | 4.12 |
| 4 | City-wide Emissions | Re-stating previous emissions inventories | 4.14 | 4.14 Since your last submission, have you needed to recalculate any past city-wide GHG emission inventories previously reported to CDP? | 4.0, 4.14a | All initiatives | 4.13 |
| 4 | City-wide Emissions | Re-stating previous emissions inventories | 4.14a | 4.14a Please provide your city's recalculated total city-wide emissions figures for any previous inventories. | 4.14 | All initiatives | 4.13a |
| 4 | City-wide Emissions | Emissions Factors | 4.15 | 4.15 Please provide a summary of emissions factors and activity data used in your inventory. | | GCoM | |
| | | | | | | | |
| 5 | Emissions Reduction | Mitigation Target Setting | 5.0 | 5.0 Do you have a GHG emissions reduction target(s) in place at the city-wide level? Select all that apply. | 5.0a-3, 5.2, 5.3 | All initiatives | 5.0 |
| 5 | Emissions Reduction | Mitigation Target Setting | 5.0a | 5.0a Please provide details of your total city-wide base year emissions reduction (absolute) target(s). In addition, you may add rows to provide details of your sector-specific targets, by providing the base year emissions specific to that target. | 5.0, 5.1 | All initiatives | 5.0a |

| 5 | Emissions Reduction | Mitigation Target Setting | 5.0b | 5.0b Please provide details of your total fixed level target(s). | 5.0, 5.1 | All initiatives | 5.0b |
|---|---|---|---|---|---|---|---|
| 5 | Emissions Reduction | Mitigation Target Setting | 5.0c | 5.0c Please provide details of your total city-wide base year intensity target(s). An intensity target is usually measured per capita or per unit GDP. If you have an absolute emissions reduction target, please select "Base year emissions (absolute) target" in question 5.0. | 5.0, 5.1 | All initiatives | 5.0c |
| 5 | Emissions Reduction | Mitigation Target Setting | 5.0d | 5.0d Please provide details of your total city-wide baseline scenario target(s), including projected business as usual emissions. | 5.0, 5.1 | All initiatives | 5.0d |
| 5 | Emissions Reduction | Mitigation Target Setting | 5.0e | 5.0e Please explain why you do not have a city-wide emissions reduction target and any plans to set one in the future. | 5.0 | All initiatives | 5.0e |
| 5 | Emissions Reduction | Mitigation Target Setting | 5.1 | 5.1 Please describe how the target(s) reported above align with the global 1.5-2C pathway set out in the Paris agreement. | 5.0a-d | All initiatives | 5.1 |
| 5 | Emissions Reduction | Mitigation Target Setting | 5.2 | 5.2 Is your city-wide emissions reduction target(s) conditional on the success of an externality or component of policy outside of your control? | 5.0, 5.2a | GCoM | 5.2 |
| 5 | Emissions Reduction | Mitigation Target Setting | 5.2a | 5.2a Please identify and describe the conditional components of your city-wide emissions reduction target(s). | 5.2 | GCoM | 5.2a |
| 5 | Emissions Reduction | Mitigation Target Setting | 5.3 | 5.3 Does your city-wide emissions reduction target(s) account for the use of transferable emissions units? | 5.0, 5.3a | GCoM | 5.3 |
| 5 | Emissions Reduction | Mitigation Target Setting | 5.3a | 5.3a Please provide details on the use of transferable emissions. | 5.3 | GCoM | 5.3a |
| 5 | Emissions Reduction | Mitigation Actions | 5.4 | 5.4 Describe the anticipated outcomes of the most impactful mitigation actions your city is currently undertaking; the total cost of the action and how much is being funded by the local government. | | All initiatives | 5.4 |

| 5 | Emissions Reduction | Mitigation Planning | 5.5 | 5.5 Does your city have a climate change mitigation or energy access plan for reducing city-wide GHG emissions? | 5.5ab | All initiatives | 5.5 |
|---|---|---|---|---|---|---|---|
| 5 | Emissions Reduction | Mitigation Planning | 5.5a | 5.5a Please attach your city's climate change mitigation plan below. If your city has both action and energy access plans, please make sure to attach all relevant documents below. | 5.5 | All initiatives | 5.5a |
| 5 | Emissions Reduction | Mitigation Planning | 5.5b | 5.5b Please explain why you do not have a city climate change mitigation plan and any future plans to create one. | 5.5 | All initiatives | 5.5b |
| | | | | | | | |
| 6 | Opportunities | Opportunities | 6.0 | 6.0 Please indicate the opportunities your city has identified as a result of addressing climate change and describe how the city is positioning itself to take advantage of these opportunities. | | All initiatives | 6.0 |
| 6 | Opportunities | Opportunities | 6.1 | 6.1 Has your city measured and demonstrated the wider social and economic impacts of delivering climate actions/projects/policies? If so, please provide more details and a link to more information. | | C40 | |
| 6 | Opportunities | Collaboration | 6.2 | 6.2 Does your city collaborate in partnership with businesses in your city on sustainability projects? | 6.2a | All initiatives | 6.1 |
| 6 | Opportunities | Collaboration | 6.2a | 6.2a Please provide some key examples of how your city collaborates with business in the table below. | 6.2 | All initiatives | 6.1a |
| 6 | Opportunities | Collaboration | 6.3 | 6.3 Describe how your local/regional government collaborates and coordinates horizontally on climate action. | | C40, ICLEI GCC | |
| 6 | Opportunities | Collaboration | 6.4 | 6.4 Describe how your local/regional government collaborates and coordinates vertically (higher levels of government) on climate action. | | C40, ICLEI GCC | |
| 6 | Opportunities | Finance and Economic Opportunities | 6.5 | 6.5 List any mitigation, adaptation, water related or resilience projects you have planned within your city for which you hope to attract financing and provide details on the estimated costs and status of the project. If your city does not have any relevant projects, please select 'No relevant projects' under 'Project Area'. | | All initiatives | 6.2 |

| 6 | Opportunities | Finance and Economic Opportunities | 6.6 | 6.6 Has your local/regional government tested their climate actions through pilot/demonstration projects? | | C40, ICLEI GCC | |
|---|---|---|---|---|---|---|---|
| 6 | Opportunities | Finance and Economic Opportunities | 6.7 | 6.7 Has your City received/secured funding for any low carbon projects (e.g. energy efficiency, renewable energy, low emission vehicles, bus rapid transit, waste management) or climate adaptation projects from a development bank (e.g. World Bank, Asian Development Bank, etc.)? | | C40, ICLEI GCC | 6.3 |
| 6 | Opportunities | Finance and Economic Opportunities | 6.8 | 6.8 Has your City established a fund to invest in energy efficiency, renewable energy or carbon reduction projects? | | C40, ICLEI GCC | 6.4 |
| 6 | Opportunities | Finance and Economic Opportunities | 6.9 | 6.9 Has your city taken steps to decarbonise the investments held by the city retirement funds and/or municipal investments, e.g. by making a commitment to divest from fossil fuels and/or increase sustainable investments? | | C40, ICLEI GCC | |
| 6 | Opportunities | Finance and Economic Opportunities | 6.11 | 6.11 If city staff pensions are managed at the city level, who has responsibility for making investment decisions for the city retirement funds? | | C40 | 6.8 |
| 6 | Opportunities | Finance and Economic Opportunities | 6.12 | 6.12 Does your City have its own credit rating? | | C40, ICLEI GCC | 6.5 |
| 6 | Opportunities | Climate Action Planning | 6.13 | 6.13 Describe how your local/regional government plans to enhance ambition and scale up Climate Action Plan (integrated/adaptation/mitigation) and actions to achieve climate neutrality | | ICLEI GCC | |
| 6 | Opportunities | Climate Action Planning | 6.14 | 6.14 How do the environment/sustainability and economic development departments work together, such as regarding climate action planning? | | C40 | 6.9 |
| 6 | Opportunities | Climate Action Planning | 6.15 | 6.15 How many people within your City are employed in green jobs/ industries? | | C40 | 6.11 |
| 6 | Opportunities | Climate Action Planning | 6.16 | 6.16 Does your local/regional government report to the national MRV system (if in place)? | | ICLEI GCC | |

| 7 | Local Government Emissions | Local Government Operations GHG Emissions Data | 7.0 | 7.0 Do you have an emissions inventory for your local government operations to report? Reporting a Local Government Operations emissions inventory is optional. | 7.1, 7.2, 7.3, 7.4,7.5, 7.6, 7.7, 7.8, 7.9 | ICLEI GCC | 7.0 |
|---|---|---|---|---|---|---|---|
| 7 | Local Government Emissions | Local Government Operations GHG Emissions Data | 7.1 | 7.1 Please state the dates of the accounting year or 12-month period for which you are reporting an emissions inventory for your local government operations. | 7.0 | ICLEI GCC | 7.1 |
| 7 | Local Government Emissions | Local Government Operations GHG Emissions Data | 7.2 | 7.2 Please indicate the category that best describes the boundary of your local government operations emissions inventory. | 7.0 | ICLEI GCC | 7.2 |
| 7 | Local Government Emissions | Local Government Operations GHG Emissions Data | 7.3 | 7.3 Please give the name of the primary protocol, standard, or methodology used to calculate your local government operations emissions inventory and attach your inventory using the attachment function | 7.0 | ICLEI GCC | 7.3 |
| 7 | Local Government Emissions | Local Government Operations GHG Emissions Data | 7.4 | 7.4 Which gases are included in your emissions inventory? | 7.0 | ICLEI GCC | 7.4 |
| 7 | Local Government Emissions | Energy Data | 7.5 | 7.5 Please give the total amount of fuel (refers to Scope 1 emissions) that your local government has consumed this year. | 7.0 | ICLEI GCC | 7.5 |
| 7 | Local Government Emissions | Energy Data | 7.6 | 7.6 Please provide total (Scope 1 + Scope 2) GHG emissions for your local government operations, in metric tonnes CO2e. | 7.0 | ICLEI GCC | 7.6 |
| 7 | Local Government Emissions | Energy Data | 7.7 | 7.7 Do you measure local government Scope 3 emissions? | 7.0, 7.7ab | ICLEI GCC | 7.7 |
| 7 | Local Government Emissions | Energy Data | 7.7a | 7.7a Please complete the table reporting your local government Scope 3 emissions. | 7.7 | ICLEI GCC | 7.7a |
| 7 | Local Government Emissions | Energy Data | 7.7b | 7.7b Please explain why you do not measure your local government Scope 3 emissions and detail your plans to do so in the future, if any. | 7.7 | ICLEI GCC | 7.7b |

| 7 | Local Government Emissions | Energy Data | 7.8 | 7.8 Please indicate if your local government operations emissions have increased, decreased, or stayed the same since your last emissions inventory, and please describe why. | 7.0 | ICLEI GCC | 7.8 |
| 7 | Local Government Emissions | Local Government Emissions Verification Section | 7.9 | 7.9 Has the GHG emissions data you are currently reporting been externally verified or audited in part or in whole? | 7.0, 7.9ab | ICLEI GCC | 7.9 |
| 7 | Local Government Emissions | Local Government Emissions Verification Section | 7.9a | 7.9a Please provide the following information about the emissions verification process. | 7.9 | ICLEI GCC | 7.9a |
| 7 | Local Government Emissions | Local Government Emissions Verification Section | 7.9b | 7.9b Please explain why your local government operations inventory is not verified and describe any future plans for verification. | 7.9 | ICLEI GCC | 7.9b |
| | | | | | | | |
| 8 | Energy | Energy | 8.0 | 8.0 Does your city have a renewable energy or electricity target? | 8.0ab | All initiatives | 8.0 |
| 8 | Energy | Energy | 8.0a | 8.0a Please provide details of your renewable energy or electricity target and how the city plans to meet those targets. | 8.0 | All initiatives | 8.0a |
| 8 | Energy | Energy | 8.0b | 8.0b Please explain why you do not have a renewable energy or electricity target and any plans to introduce one in the future. | 8.0 | All initiatives | 8.0b |
| 8 | Energy | Energy | 8.1 | 8.1 Please indicate the source mix of electricity consumed in your city. | | All initiatives | 8.2 |
| 8 | Energy | Energy | 8.2 | 8.2 What scale is the electricity mix data reported above? | | All initiatives | 8.3 |

| 8 | Energy | Energy | 8.3 | 8.3 What percentage of your city's electricity grid mix is zero carbon? "Zero carbon" includes solar, wind, hydro, biomass and geothermal as the source to produce electricity. | | C40 | 8.4 |
|---|---|---|---|---|---|---|---|
| 8 | Energy | Energy | 8.4 | 8.4 How much (in MW capacity) renewable energy is installed within the city boundary in the following categories? | | All initiatives | 8.5 |
| 8 | Energy | Energy | 8.5 | 8.5 Does your city have a target to increase energy efficiency? | 8.5ab | All initiatives | 8.6 |
| 8 | Energy | Energy | 8.5a | 8.5a Please provide details on your city's energy efficiency targets. | 8.5 | All initiatives | 8.6a |
| 8 | Energy | Energy | 8.5b | 8.5b Please explain why you do not have an energy efficiency target and any plans to introduce one in the future. | 8.5 | All initiatives | 8.6b |
| | | | | | | | |
| 9 | Buildings | Buildings | 9.0 | 9.0 What is the total tCO2e emissions per capita from existing commercial, institutional and residential buildings in your city? | | C40 | 9.0 |
| 9 | Buildings | Buildings | 9.1 | 9.1 Does your city have emissions reduction targets OR energy efficiency targets for the following building types? | | C40 | 9.1 |
| 9 | Buildings | Buildings | 9.2 | 9.2 Is your city implementing a strategy/pathway/roadmap to ensure that all new buildings are net zero carbon operational by 2030? | | C40 | 9.2 |
| 9 | Buildings | Buildings | 9.3 | 9.3 Is your city implementing any requirements to achieve net zero carbon existing buildings? For example, outline how regulations, codes or planning policies requiring Passive House or other ultra-high efficiency standards for existing buildings are being implemented. | | C40 | 9.3 |
| 9 | Buildings | Buildings | 9.4 | What is the total final annual energy use for buildings within your city boundary (aggregated across all fuel types)? (*in USA 'total final energy use' is known as 'site energy use')? | | C40 | 9.4 |

| 9 | Buildings | Buildings | 9.5 | 9.5 Is your city implementing any retrofit programs addressing existing commercial, residential and/or municipal buildings? | | C40 | |
|---|---|---|---|---|---|---|---|
| | | | | | | | |
| 10 | Transport | Transport | 10.0 | 10.0 Do you have mode share information available to report for the following transport types? | 10.1,10.2 | All initiatives | 10.0 |
| 10 | Transport | Transport | 10.1 | 10.1 What is the mode share of each transport mode in your city for passenger transport? | 10.0 | All initiatives | 10.1 |
| 10 | Transport | Transport | 10.2 | 10.2 What is the mode share of each transport mode in your city for freight transport? | 10.0 | All initiatives | 10.2 |
| 10 | Transport | Transport | 10.3 | 10.3 What are the total number of journeys made in your city each year by each mode below? | | C40 | 10.3 |
| 10 | Transport | Transport | 10.4 | 10.4 Please provide the total fleet size and number of vehicle types for the following modes of transport. | | All initiatives | 10.5 |
| 10 | Transport | Transport | 10.5 | 10.5 Provide information on GHG emissions from transport sector. | | C40, ICLEI EcoMobility | |
| 10 | Transport | Transport | 10.6 | 10.6 How many buses has your city procured in the last year? | | C40 | 10.6 |
| 10 | Transport | Transport | 10.7 | 10.7 Do you have a low or zero-emission zone in your city? (i.e. an area that disincentivises fossil fuel vehicles through a charge, a ban or access restriction) | 10.7a | All initiatives | 10.7 |
| 10 | Transport | Transport | 10.7a | 10.7a Please provide more details about the zero emissions zone. | 10.7 | All initiatives | 10.7a |

| 10 | Transport | Transport | 10.8 | 10.8 Do you have a loading / unloading Restricted Zone for Logistics? If yes, please provide more detail about the Restricted zone. | | ICLEI EcoMobility | 10.8 |
|---|---|---|---|---|---|---|---|
| 10 | Transport | Transport | 10.9 | 10.9 How many public access EV charging points do you have in your city and/or metropolitan area for the following types: | | C40 | 10.9 |
| 10 | Transport | Transport | 10.11 | 10.11 Does your city collect air quality data? | 10.12,10.13, 10.14 | C40, ICLEI EcoMobility | 10.11 |
| 10 | Transport | Transport | 10.12 | 10.12 What is the most recent calendar year for which you have air quality data? | 10.11 | ICLEI EcoMobilty | 10.12 |
| 10 | Transport | Transport | 10.13 | 10.13 How many instances of exceeding your city's Air Quality Index the WHO/EPA standards for the Air Quality Index (AQI) has your city experienced? | 10.11 | ICLEI Ecomobility | 10.14 |
| 10 | Transport | Transport | 10.14 | 10.14 Please provide city-wide average air pollution metrics from the monitoring sites within your city for the most recent three years. | 10.11 | C40, ICLEI Ecomobility | 10.15 |
| 10 | Transport | Transport | 10.15 | 10.15 Please indicate if your city currently has any programs or projects to improve air quality. | | ICLEI EcoMobility | 10.16 |
| | | | | | | | |
| 11 | Urban Planning | Urban Planning | 11.0 | 11.0 What is the size of your city's park space in square km? | | C40 | 11.0 |
| 11 | Urban Planning | Urban Planning | 11.1 | 11.1 Population living within 500m of a mass transit station, with mass transit defined as any Bus Rapid Transit (BRT), light rail, other rail-based transit modes or frequent bus services (average of five times an hour from 7 a.m. to 9 p.m. on a weekday) | | C40 | 11.1 |
| | | | | | | | |
| 12 | Food | Food Consumptions | 12.0 | 12.0 Report the total number of meals and tonnes that are served or sold through programs managed by your city (this includes schools, canteens, hospitals etc.). | | All initiatives | 12.0 |

| 12 | Food | Food Consumptions | 12.0a | 12.0a Report the tonnes per food group that are served or sold through programs managed by your city (this includes schools, canteens, hospitals etc.). | | C40 | |
|----|------|-------------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------|---|-------------------------------|------|
| 12 | Food | Food Consumptions | 12.1 | 12.1 What is the per capita meat and dairy consumption (kg/yr) in your city? | | All initiatives (country specific) | 12.2 |
| 12 | Food | Food Production | 12.2 | 12.2 What is the surface area of potential agricultural spaces within the municipal boundary? (km2) | | ICLEI GCC | |
| 12 | Food | Sustainable Food Policies and Actions | 12.3 | 12.3 Does your city have any policies relating to food consumption within your city? If so, please describe the expected outcome of the policy. | | All initiatives | 12.4 |
| 12 | Food | Sustainable Food Policies and Actions | 12.4 | 12.4 How does your city increase access to sustainable foods? | | All initiatives (country specific) | 12.5 |
| 12 | Food | Food Waste | 12.5 | 12.5 Please report the annual volume of food loss and waste in tonnes. | | C40 | |
| 12 | Food | Food Waste | 12.6 | 12.6 What percentage of your population is food insecure? | | C40 | |
| | | | | | | | |
| 13 | Waste | Waste | 13.0 | 13.0 What is the annual solid waste generation in your city? | | All initiatives | 13.0 |
| 13 | Waste | Waste | 13.1 | 13.1 How much of the solid waste generated in your city is disposed to landfill or incineration (tonnes/year)? | | C40 | 13.1 |
| 13 | Waste | Waste | 13.2 | 13.2 What percentage of the solid waste generated in your city is diverted away from landfill or incineration? | | C40 | 13.2 |

| 13 | Waste | Waste | 13.3 | 13.3 What is the amount of your city's total solid waste collected for each of the following sectors (tonnes/year)? | | C40 | 13.3 |
| 13 | Waste | Waste | 13.4 | 13.4 What is the amount of solid waste being treated (tonnes/year) via: | | C40 | 13.4 |
| 13 | Waste | Waste | 13.5 | 13.5 Please provide a waste composition analysis | | C40 | 13.5 |
| 13 | Waste | Waste | 13.6 | 13.6 Does your city have any of the following initiatives, policies and/or regulations: | | C40 | 13.6 |
| | | | | | | | |
| 14 | Water Security | Water Supply | 14.0 | 14.0 What are the sources of your city's water supply? | | All initiatives | 14.0 |
| 14 | Water Security | Water Supply | 14.1 | 14.1 What percentage of your city's population has access to potable water supply service? | | All initiatives | 14.2 |
| 14 | Water Security | Water Supply | 14.2 | 14.2 Are you aware of any substantive current or future risks to your city's water security? | 14.2ab,14.3 | All initiatives | 14.3 |
| 14 | Water Security | Water Supply | 14.2a | 14.2a Please identify the risks to your city's water security as well as the timescale and level of risk. | 14.2 | All initiatives | 14.3a |
| 14 | Water Security | Water Supply | 14.2b | 14.2b Please explain why you do not consider your city to be exposed to any substantive water-related risk. | 14.2 | All initiatives | 14.3b |
| 14 | Water Security | Water Supply Management | 14.3 | 14.3 Please select the actions you are taking to reduce the risks to your city's water supply. | 14.2 | All initiatives | 14.4 |

| 14 | Water Security | Water Supply Management | 14.4 | 14.4 Does your city have a publicly available Water Resource Management strategy? | 14.4ab | All initiatives | 14.5 |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | Water Security | Water Supply Management | 14.4a | 14.4a Please provide more information on your city's public Water Resource Management strategy. | 14.4 | All initiatives | 14.5a |
| 14 | Water Security | Water Supply Management | 14.4b | 14.4b Please explain why your city does not have a public Water Resource Management strategy. | 14.4 | All initiatives | 14.5b |

# 4. Deleted questions

This table indicates which questions have been removed from the 2019 questionnaire.

| 2019 Question no. | Question text |
|---|---|
| **0. Introduction** | |
| No questions removed | |
| **1. Governance and Data Management** | |
| 1.1 | 1.1 Has the Mayor or city council committed to adapting to climate change across the geographical area of the city, town or settlement? |
| 1.1a | 1.1a Please select any commitments to climate adaptation and/or mitigation your city has signed and attach evidence. |
| 1.1b | 1.1b Please explain why your Mayor or city council does not have any commitments to climate adaptation and/or mitigation. |
| 1.6 | 1.6 Does the Mayor have a statutory duty (legal responsibility) to reduce greenhouse gases? |
| 1.9 | 1.9 How many staff (FTE) does your city have for environmental related data management (including collecting, storing, analysing and communicating)? |
| 1.11 | 1.11 How would you characterize the data management of your city and department? |
| 1.12 | 1.12 What tools does your city / department use to manage its environmental related data? |
| 1.13 | 1.13 What tools does your city / department use to analyse its environmental related data? |
| 1.14 | 1.14 Does your city have a team dedicated to data analysis (e.g., data analytics staff, performance management staff, evaluation staff, chief data officer, etc.)? |
| 1.15 | 1.15 Has your city's Mayor or equivalent legal authority communicated their commitment to governing with data publicly to city residents (e.g., through public remarks, press releases, etc.)? |
| **2. Hazards and Vulnerability** | |
| No questions removed | |
| **3. Adaptation** | |
| No questions removed | |
| **4. City-wide Emissions** | |
| No questions removed | |
| **5. Emissions Reduction** | |
| No questions removed | |
| **6. Opportunities** | |
| 6.6 | 6.6 Are Environmental, Social and Governance (ESG) issues incorporated into investment decisions of any of the city retirement funds? |
| 6.7 | 6.7 How are investment decisions of the city retirement funds made? |
| **7. Local Government Emissions** | |
| No questions removed | |
| **8. Energy** | |
| 8.1 | 8.1 Does your city have energy consumption data to report? |
| **9. Buildings** | |
| No questions removed | |
| **10. Transport** | |
| 10.4 | 10.4 What are the vehicle kilometres of road goods vehicles travelled in your city? |

| 10.13 | 10.13 For the calendar year indicated, please describe your city's Air Quality Index. Please include AQI levels and concentrations | |
|---|---|---|
| **11. Urban Planning** | | |
| No questions removed | | |
| **12. Food** | | |
| 12.1 | 12.1 How many tonnes of food are produced within your city's boundaries each year? | |
| 12.3 | 12.3 What is the per capita dairy consumption (kg/yr) in your city? | |
| **13. Waste** | | |
| No questions removed | | |
| **14. Water Security** | | |
| 14.1 | 14.1 Where does the water used to supply your city come from? | |