

NET ZERO CITIES



EU MISSION PLATFORM

CLIMATE NEUTRAL AND SMART CITIES



Funded by
the European Union



WELCOME!

Your hosts today are:

- **Silvia Gugu**, PhD, ICLEI Europe – NZC Climate City Contracts team
- **Ryan McManus**, Bankers without Boundaries - NZC Investment Plan team
- **Justyna Wieczorkiewicz-Molendo**, EIT Climate-KIC - City Advisor
- **Anna Sokolowska**, Eurocities - City Advisor
- **Anna Huttunen**, EIT Climate-KIC - City Advisor
- **Keira Webster**, EIT Climate-KIC - City Advisor
- **Mira Conci**, EIT Climate-KIC – GhG working group coordinator





Housekeeping rules

- Please note that this meeting is being recorded to make the webinar content available to cities that cannot attend.
- The presentation of the CCC guidance and templates will alternate with Q&A sessions.
- During the presentations, please keep your microphones muted, but do type your questions in the chat as they arise.
- We encourage you to vote on the questions in the chat by adding a "reaction" (e.g., thumbs up, heart, +1, etc). This will enable us to prioritize questions.
- During the Q&A breaks, you may also raise your hand to ask questions orally.
- We aim to respond to all questions - if the time of this webinar is insufficient, we will follow up by email.





Agenda

10.30-10.40 Welcome! Resource Pack basics

10.40-10.50 Commitments

10.50-11.00 Q&A on Commitments

11.00-11.15 Action Plan

11.15-11.30 Q&A on Action Plan

11.30-11.40 Investment Plan

11.40-11.50 Q&A on Investment Plan

11.50-12.00 Closing and next steps (checklist publication)





Resource Pack V2.1



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What is the Resource Pack for Climate City Contracts?

The **official guidance** for drafting a Climate City Contract, written in collaboration with, and validated by the Cities Mission Team

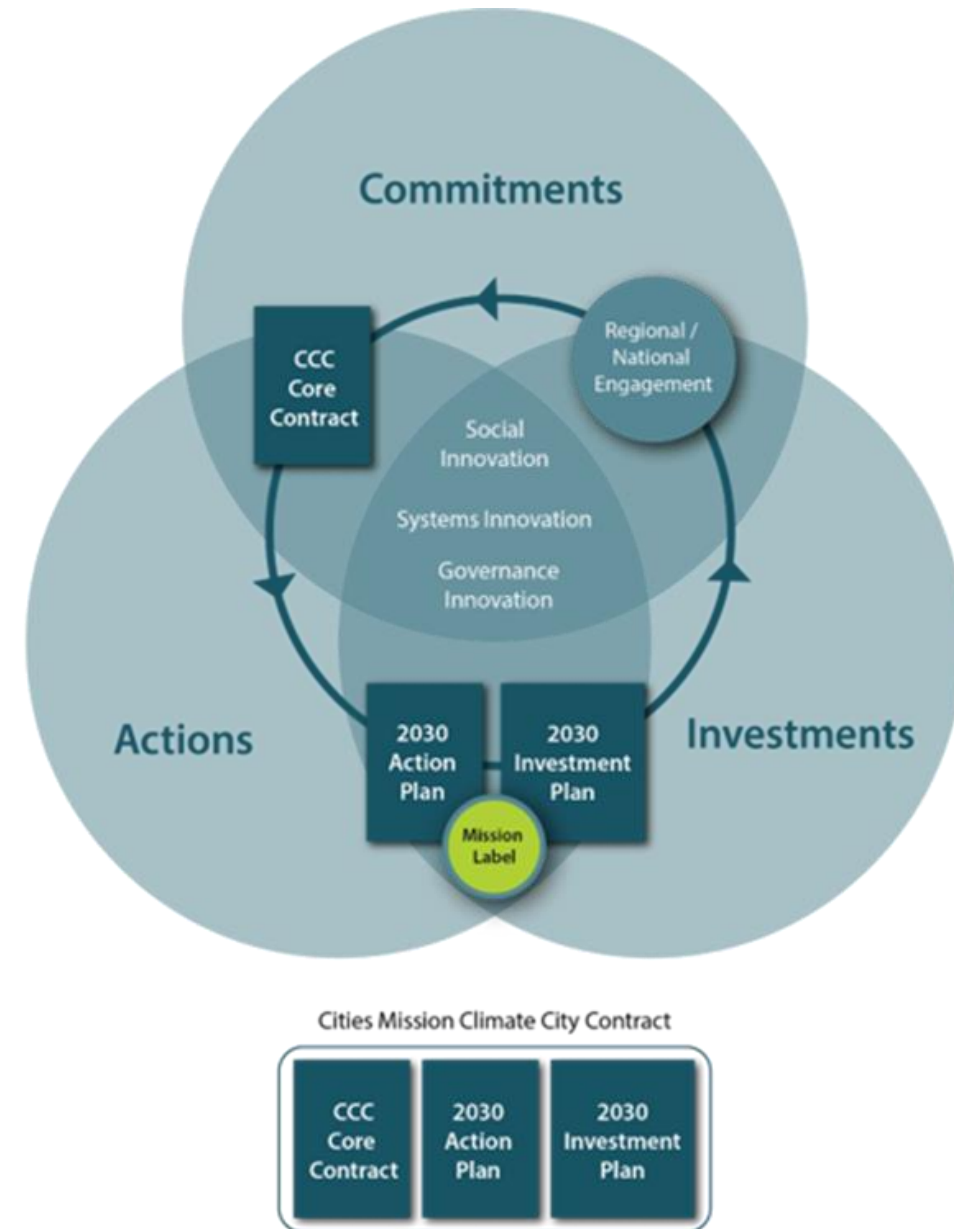
<https://netzerocities.app/ClimateTransitionMap>





What is the Resource Pack for Climate City Contracts?

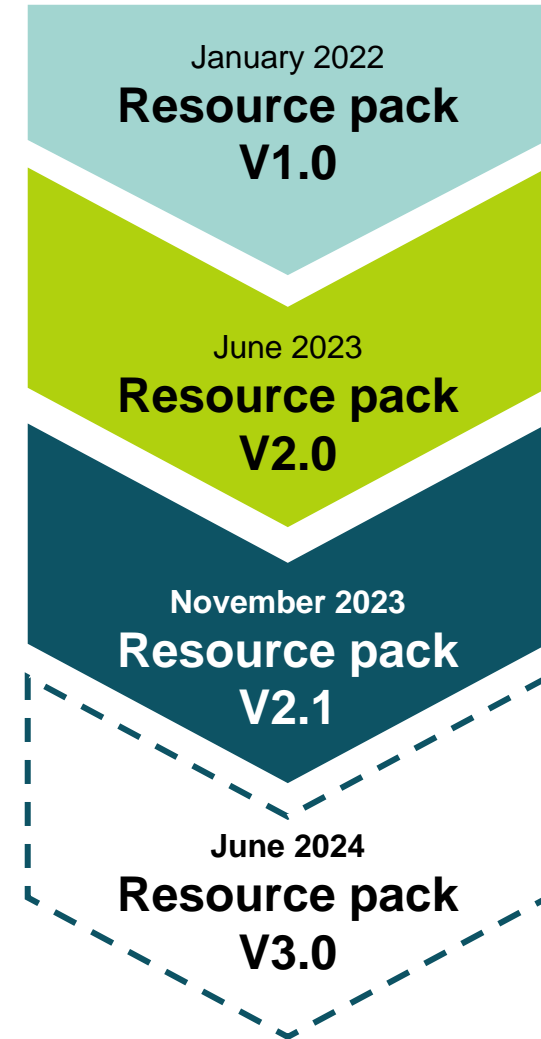
A set of **guidelines and templates** for each of the 3 inter-related components of a Climate City Contract





Resource Pack Update V2.1

- Aiming to support cities in drafting their Climate City Contracts for Window 3 (March 2024)
- To be followed by "CCC Resource Pack 3.0" in June 2024, aiming to support cities in drafting their Climate City Contracts for Window 4 (September 2024)



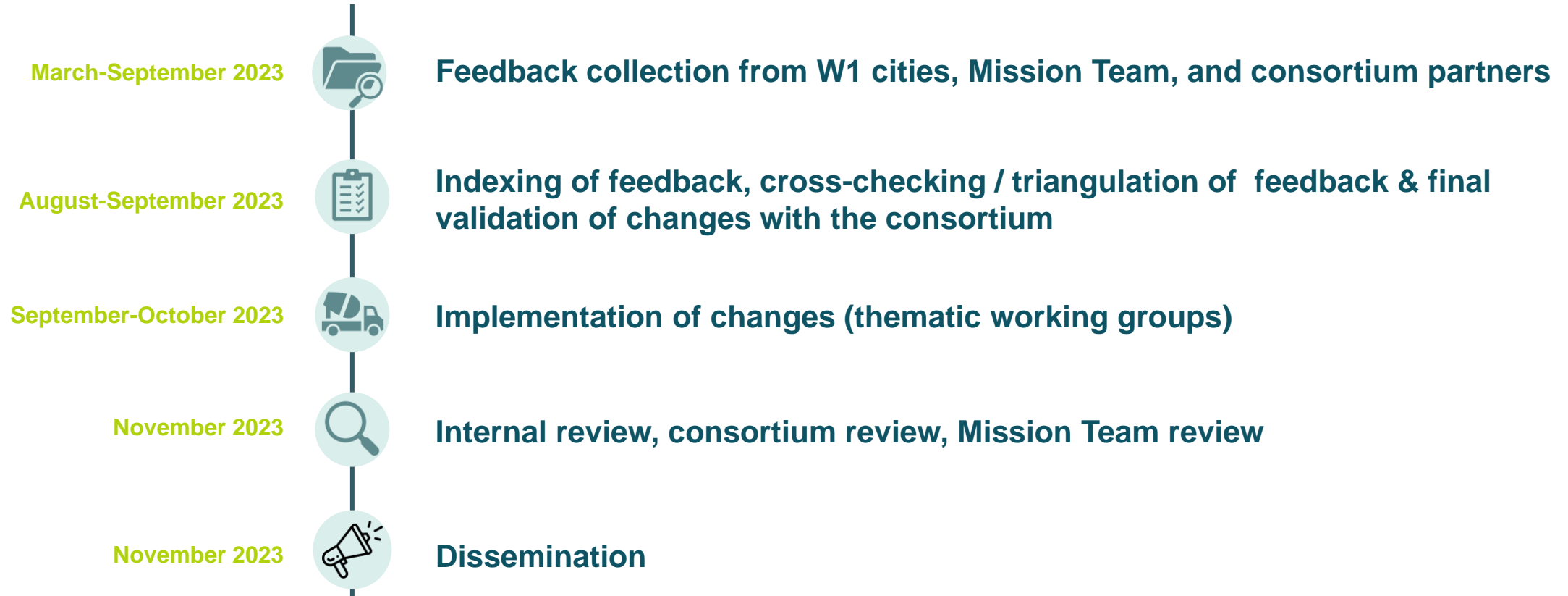


Objectives

- Emphasize content over format
- Provide more intuitive / user-friendly templates
- Improve, rather than contradict previous guidance



Process





What's new: Templates

- **Expected content:** introduced a summary of information expected to be documented in each section
- **Less formatting:** eliminated or marked as optional tables that led to redundancy
- **Guiding questions:** introduced guiding questions in template fields (to be replaced with city's text)
- **Connections to other sections:** specified relations with other CCC sections
- **Definitions:** provided definitions of uncommon terms in footnotes
- **Further guidance:** provided references to additional (external) guidance in footnotes





What's new: Templates

1 Introduction

This opening section explains the city's motivation to join the EU Mission "100 climate-neutral and smart cities by 2030" and highlights the city's present commitments to climate action. It aims to include:

- Brief background information about the Climate City Contract process, and a short paragraph on why the city decided to apply to join the Mission.
- A reference to the city's highlights on climate action so far, including main developments and achievements, engagement with global or European initiatives, key local programmes, strategies and partnerships, as well as relevant processes¹.

Introduction

Guiding questions (please replace with your text):

- Why have you decided to join the EU Mission and develop a Climate City Contract?
- What have been the highlights of your city's journey to achieving climate neutrality so far?
- What is your city's current climate neutrality commitment and how can the Mission enable your city to build on what it is already doing? What opportunities does it create?





What's new: Guidance

- **Definitions:** provided definitions of uncommon terms in footnotes
- **Further guidance:** provided references to additional guidance in footnotes and a thematic bibliography
- **Language** was edited for:
 - **Clarity** - limiting jargon and technical words, being concrete and specific, using active rather than passive verbs, avoiding long strings of prepositional phrases, avoiding misplaced modifiers.
 - **Concision** - using active verbs, avoiding nominalisations, avoids long strings of prepositions, as well as repetition and redundancy.
 - **Coherence** - paragraphs constructed around one topic, sentences with one main idea





Commitments

Team: ICLEI, ERRIN, TNO, DemSoc, Demos

Reviewers: POLIMI, UPM, CKIC, selected City Advisors

Commitments Guidance & Template V2.1



- Amended to encourage the signatories to adhere to **specific, time bound and measurable commitments** that reference the 2030 Climate Neutrality Action Plan and 2030 Climate Neutrality Investment Plan
- Amended to emphasize **multilevel governance** through prompts to integrate regional/national stakeholder commitment(s) with defined roles, leveraging the multi-level governance engagement supported by NetZeroCities, [CapaCities](#) and other emerging national-level initiatives. Provides examples of concrete incentives for national governments to support the CCC process.



Commitments Guidance & Template V2.1



6 Sample contract with signatures

Express joint commitment / agreement for all parties who sign this 2030 Climate Neutrality Commitments document⁶.

Example: We, the undersigned, hereby commit to help make City X climate neutral by 2030. We agree on the joint ambition and commitments, as formulated in the City X's Climate City Contract. We aim to support this goal with the following actions:

-
-

Date of signature	Name	Signature
-------------------	------	-----------

Mayor of City X

President, City X Development Agency

Provost, University of City X

CEO, Utility X





Questions?





Action Plan

Team: ICLEI, TNO, DemSoc, Demos, NZC GHG Working group, AIT, Metabolic

Reviewers: POLIMI, UPM, CKIC, selected City Advisors



Action Plan Template V2.1 - Introduction

The introduction was amended to require descriptions of:

- The **administrative territory/ies** included in the city's 2030 climate neutrality target and **excluded districts or emission sources**
- Key **data on the administrative and political organisation** of the city, its **demographic and socio-economic** characteristics, and **climate-relevant sectors**.
- **Work process** of developing the city's Action Plan Guidance



Table I-1.1: Climate Neutrality Target by 2030

Sectors	Scope 1	Scope 2	Scope 3
Stationary energy	Included/excluded/to be defined	Included/excluded/to be defined	Optional information
	list exclusions (if any) in terms of sources or greenhouse gases	list exclusions (if any) in terms of sources or greenhouse gases	Optional information
Transport	Included/excluded/to be defined	Included/excluded/to be defined	Optional information
	list exclusions (if any) in terms of sources or greenhouse gases	list exclusions (if any) in terms of sources or greenhouse gases	Optional information
Waste/wastewater	Included/excluded/to be defined	Not applicable	Included/excluded/to be defined
	list exclusions (if any) in terms of sources or greenhouse gases	Not applicable	list exclusions (if any) in terms of sources or greenhouse gases
Industrial Processes and Product Use (IPPU)	Included/excluded/to be defined	Not applicable	Optional information
	list exclusions (if any) in terms of sources or greenhouse gases	Not applicable	Optional information
Agriculture, Forestry and Other Land Uses (AFOLU)	Included/excluded/to be defined	Not applicable	Optional information
	list exclusions (if any) in terms of sources or greenhouse gases	Not applicable	Optional information
Other	Specify what is included	Specify what is included	Specify what is included
Geographical boundary	Same as city administrative boundary	Smaller than city administrative boundary	Larger than city administrative boundary
(Tick correct option)			
Specify excluded/additional areas		Required information	Required information

Map



Action Plan Template V2.1- Part A

Module A-1 “Greenhouse Gas Emissions Baseline Inventory” was amended to:

- Require the alignment of the GHG inventory with the geographic boundary and scope of the 2030 Climate Neutrality Target – highlighting any eventual mismatch and plans to address it
- Emphasize that the template should not prevail over keeping internal consistency, accuracy, and clarity of the emissions data intact. A note was added encouraging cities to submit the inventory that corresponds to the calculations in the plan together with the plan (including available documentation on methodology and approaches).



Action Plan Template V2.1- Part A



Module A-2 "Current Policies and Strategies Assessment"

- Table A-2.1 "List of relevant policies, strategies & regulations" and A2.2 "Description & assessment of policies" were replaced by text boxes to avoid redundancy.
- Requested clarification of the role of the CCC vis-à-vis pre-existing plans and strategies (e.g., is the CCC replacing a SECAP, is it an umbrella for the SECAP and other strategies, will it exist and be implemented in parallel etc.).
- **Table A-2.3 "Emissions Gap" was relabelled A-2.1 and edited to propose a simplified approach to calculating the emissions gap and residual emissions.** If your city uses the CCC as an umbrella for existing and future efforts towards climate-neutrality (e.g., by including measures in SUMP or SECAPs in their action portfolio), then consider all associated emissions reduction as part of the emissions gap to be addressed by this plan



Table A-2.1 "Emissions Gap"



	(1) Baseline emissions ¹	(2) Emissions Reduction Target 2030 ²		(3) Emission reduction through other Action Plans ³		(4) Emissions Gap ⁴		(5) Emissions reduction through the CCC Action Plan to address the Gap ⁵		(6) Residual emissions ⁶	
			(absolute)	(%)	(absolute)	(%)	(absolute)	(%)	(absolute)	(%)	(absolute)
	Baseline emissions (ideally not older than 2018) - referring to the inventory used for target setting	The emissions reduction target for 2030 ideally achieves a minimum 80% reduction from the baseline, as reported in Section 2 of the Commitments document of the CCC. The overall target should be absolute or net-zero (i.e. including the compensation of any residual emissions).		These are the emissions reductions that would be achieved through existing policies, and plans, outlined in Section A-2.1. Those actions are by definition not part of the action portfolio in section B. If they are fully or partially incorporated in module B-2, their associated reduction potential should be referenced in column (5) and not be included here. WARNING if the baseline is a BAU scenario: If the BAU modelling includes any of these existing measures, please also do not include the associated emissions reduction in this column as otherwise it would be double counted.		(4) = (2) – (3)		This column is used to present the already quantified emission reduction associated with the action portfolios outlined in module B-2. Ideally, this equals the gap. If there is a difference between the reduction potential of the actions specified in module B-2 (for instance because their reduction potential has not been fully estimated or because additional measures will be identified in future iterations), the CCC AP should be explicit about this difference and explain how the difference will be closed. In principle, as long as the difference has not been addressed, it would be considered as part of the residual emissions.		(6) = (1) – (2)	
	(absolute) (specify units)	(absolute)	(%)	(absolute)	(%)	(absolute)	(%)	(absolute)	(%)	(absolute)	(%)
Buildings											
Transport											
Waste											
IPPU											
AFOLU											
Total											





Action Plan Template V2.1- Part A

Module A-3 “Systemic Barriers and Opportunities to 2030 Climate Neutrality”

- Was edited to include **references to the evaluation of unexploited resources (e.g., renewable energy sources, digital technologies, etc).**
- Table A-3.3: "Description or visualisation of participatory model for the city climate neutrality – textual and visual elements" – was eliminated for redundancy and its content is merged with C-1.1: "Description or visualisation of the participatory governance model for climate neutrality".
- The terms referring to stakeholders, actors, citizens were streamlined and clarified.





Action Plan Template V2.1- Part B

- Description for B-2.3 "Summary strategy for residual emissions" has been expanded to specify **"Detail how residual emission will be compensated, if applicable. Include the expected breakdown of natural sinks, permanent sequestration, and offsets"**



Action Plan Template V2.1- Part C

- Module C-1 "Organisational and Governance Innovation Intervention" and C-2 "Social Innovation Interventions" were edited for clarity and concision and to include additional guidance.
- Module C-3 "Financing of Action Portfolio" was eliminated for redundancy.



Action Plan Guidance V2.1

- Chapter 2 “Short Guide” was eliminated and merged with Chapter 1 “Purpose of this guide” and Chapter 3 “Section-by-Section Guide”
- The guidance for each module was amended to reinforce and elaborate on the adjustments made to the template.
- Where available, references to additional guidance documents were provided throughout (e.g. NZC deliverables, resources endorsed in 2 dialogues with JRC on stakeholder and citizen involvement and on Window 1 CNAPs)
- A thematic references list was included at the end of the document.





Questions?





Investment Plan

Team: BwB

Reviewers: POLIMI, UPM, selected City Advisors



Headline Changes

- Improvements include feedback and suggestions from the European Investment Bank, independent financial evaluators, City Advisors as well as consortium partners (particularly those that have been involved in the IP review process).
- Emphasis of the changes is granularity and supporting analysis - cities must provide methodology and assumptions for their analysis.
- All tables now have specific table guidelines to help cities to understand what content is needed for completeness.
- All changes aimed to support cities in the development and implementation of their climate actions. A more thorough document to be used as a resource and tool.





Section A – Current State of Climate Investment

- Addition of a new ***Table 1: Historical Municipal Budget and Budget for Climate Actions***. This asks for five years of historical budget data from the city - and the portion of that earmarked for climate actions - in order to provide additional context for the IP.
- ***Table 2: Finance Sources by Field of Actions*** extended to provide three years of historical budget for climate actions broken down by sector or field of actions. This is to provide additional context for the IP.
- Additional granularity requested for sources of funding for current and capital expenditures of the city.





Section B – Investment Pathways towards Climate Neutrality

- Specific request for assumptions and methodology for section B1 to be provided as an annex to support the analysis conducted by the city.
- New **Table 7: Capital Intensive Projects** for identifying largest and most capital-intensive projects and the required investment from all stakeholders.
- New **Table 8: Capital Planning by Stakeholder** within Section B2 requires the city to break down the costs of climate actions for a range of stakeholders including the municipality, municipally-owned companies, citizens and private sector.
- Changes to **Table 9: Capital Planning** to clearly align funding and external capital sources to the actions identified in the Action Plan and Section B1, including any funding gap identification.





Section C – Enabling Financial Conditions for Climate Neutrality

- Broad focus of the changes is distinguishing between the Action Plan and Investment Plan - specifically sections C1 and C3.
- Changes to **Table 13: List of Project-Level Risks** to encourage cities to develop a framework for risk management that also assess risk severity and likelihood, as well as any residual risks after mitigation actions.
- Section C3 focused on both engagement with finance and investment stakeholders, as well as outlining the costs of any stakeholder engagement (e.g. cost for incentive schemes). This includes changes to **Table 14: Stakeholder Engagement Mapping** to include investment requirement from each stakeholder, and the addition of new **Table 15: Stakeholder Activity Cost**.





Annex: New Table 1 - Historical Municipal Budget and Budget for Climate Actions

Table 1: Historical Municipal Budget and Budget for Climate Actions

Budget Data	20xx	20xx	20xx	20xx	20xx
Municipal Budget (€)
Municipal Budget for Climate Actions & Projects (€)
% of Municipal Budget for Climate Actions & Projects (%)





Annex: New Table 7 - Capital Intensive Projects

Table 7: Capital Intensive Projects

Fields of Action	Action / Indicator				
Transportation	e.g. New Tram Line	Capex (€m)	Opex (€m)	Cost Effectiveness (EUR/tCO ₂ e)	Investment (Split by Stakeholders)
		...€m	...€m	...EUR/tCO ₂ e	e.g. 25% Municipality, 25% National Funds, 50% Green Loan
		Project Description : ...			





Annex: New Table 8 - Capital Planning by Stakeholder

Table 8: Capital Planning by Stakeholder

Field of Action	Action / Indicator	Citizens (€)	Private Sector (€)	Municipality (€)	Transport Operators (€)	Utility Providers (€)	Total (€)
...					
...					
...					
...					
Total							





Annex: New Table 15 - Stakeholder Activity Cost

Table 15: Stakeholder Activity Cost

Stakeholders involved	Activity	Cost to Municipality (€)
...
...





Questions?





Next steps



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CCC Checklist update v2.1

Update objectives

- Increasing user friendliness of the checklist.
- Focus on CCC coherence and completeness.
- Align with the updated Resource Pack.
- A full overview will be given as part of the pre-submission webinar in February.

The editable version of the checklist is available at this [link](#) which will be sent via email and via the [Climate Transition Map on the portal](#).



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CCC Coherence and Completeness Checklist

V2.1





CCC Checklist update v2.1

How to use the checklist

- The checklist is an opportunity for cities to-self assess the coherence and completeness of their CCC before submission. It is a feedback tool for cities to identify gaps and areas in need of further support.
- It is **mandatory** for cities to fill in and submit the checklist during the CCC submission.
- All questions in the checklist must be answered according to their format (yes/no or multiple answer).
- A dedicated session on the checklist will be run in February as part of the pre-submission webinar.

Commitment document & overall coherence							
ID	Criteria and relevant section	Question	Question type: Y/N or multiple choice.	City Answer (according to the question type)	Reviewer Answer (according to the question type)	Location in the CCC (document and page n°)	Next steps How can this element be improved? Additional notes and comments
1	<p>Neutrality Target</p> <p>Coherence between the CCC target, and the <u>EqJ</u></p> <p><i>Commitments guidance and explanations, section "2 Goal: Climate neutrality by 2030", Action Plan guidance and explanations, section "2.1 Introduction"</i></p>	Does the CCC include a clear 2030 climate neutrality target specifying any exclusions (areas, sectors, sources, gases, scopes) in line with the <u>EqJ</u> ?	Yes/No				<p>City comments</p> <hr/> <p>Reviewers' comments</p>
			<p>Yes: The CCC includes a clear 2030 climate neutrality target in line with the <u>EqJ</u>, specifying eventual exclusions (areas, sectors, sources, gases, scopes).</p> <p>No: The CCC does not include a clear 2030 climate neutrality target, or the target is not aligned with the <u>EqJ</u>, and eventual exclusions (areas, sectors, sources, gases, scopes) are not specified.</p>				

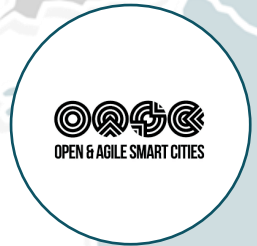
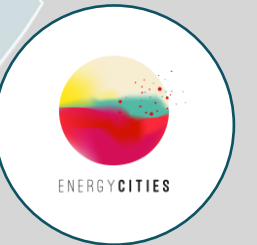
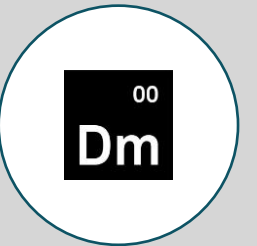




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