



## Terms of References

### Country: Jordan

<b>Post Title:</b>	Updating the Amman Climate Plan (CAP) for the Greater Amman Municipality
<b>Contracting modality</b>	National/International Individual Consultant.
<b>Post Reference</b>	Output 1.1: Development of a Sustainability Plan (SP) and Financing Strategy (FS) for the city of Amman.
<b>Starting Date:</b>	Immediately
<b>Duration:</b>	40 working days over 6 months.
<b>Location:</b>	Amman - Jordan
<b>Project:</b>	A systemic approach to <b>Sustainable Urbanization</b> and <b>Resource Efficiency</b> in Greater Amman Municipality (SURE)

### 1. Background

A rapid increase in economic activity, population growth, and successive influxes of refugees over the last decade have imposed huge stresses on Jordan's urban areas and fragile water and energy resources. Jordan is host to 1.4 million Syrians, of whom 674,458 are registered refugees. Approximately 80.4% of these refugees, 542,199 in total, are living in non-camp settings in urban and rural areas. The highest concentrations are in northern and central Jordan, including the capital city, Amman, with the largest proportion (29.7%); a significant proportion is classified as extremely vulnerable and approximately 24% of all Syrian refugees are women and almost 53% are children.

The Government of Jordan (GoJ) and the Greater Amman Municipality (GAM) recognize that climate change mitigation and adaptation are an integral part of a much broader strategy for green growth and sustainable development. Authorities have already shown the political will to undertake many of the underlying regulatory reforms needed to catalyze green growth while GAM has committed

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to a vision of green and sustainable growth via the Amman Master Plan (AMP). However, as observed in the latest AFEX report, “Jordan still needs to strengthen its implementation capacity to properly capitalize on introduced energy efficiency policies” and there is still a great deal of support needed for customized solutions at the city-level, particularly around enforcement of existing codes, proper monitoring of policies and targets, financial engineering and support for proof-of-concepts.

Over the last decade, GAM has taken significant action towards improving its environmental performance. Building on existing work, GAM aims to take a more systematic approach to addressing its existing and emerging urban environmental challenges. As a result, GAM has developed the Amman Climate Plan (CAP), an ambitious step on the long journey to creating a sustainable future for the city of Amman and achieve carbon neutrality by 2050, the plan comes after the Amman Resilience Strategy of 2017 and precedes the Green City Action Plan of 2021. It lays out actions needed to achieve the Amman Vision 2050, and tackle challenges in a variety of sectors, while expanding services and meeting the needs of the rapidly growing city. This inaugural plan sets an interim target of a 40% reduction of greenhouse gas emissions by 2030. Carbon neutrality is a long-term goal, this plan sets out a shared vision for collaboration among the government, private sector, development partners and residents of Amman.

The preparation of the CAP provides an important opportunity for GAM and its stakeholders to:

- Define the Amman Vision 2050 and lay out the opportunities and challenges for the city of Amman.
- Pave the pathway to achieving Vision 2050 along with interim targets.
- Identify the sectoral goals of the city of Amman.
- Meet the criteria for C40 membership.

The Amman CAP proposes 48 actions divided between short-, medium-, and long-term actions that include buildings, renewable energy, transport, solid waste, water and wastewater, and urban planning, all of which are designed to help achieve Vision 2050 and its interim targets (see annex for CAP).

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## 2. Objectives

The main objective of this assignment is to update the Amman Climate Plan (CAP) in close collaboration with GAM and UNDP to align the document with the National Climate Change Policy 2022-2050 and in order for the city of Amman to better align with the C40 framework<sup>1</sup>.

## 3. Main Scope of Work

The main scope of this assignment is to update the Amman Climate Plan (CAP) in close collaboration with GAM (in contact with C40) and UNDP in order to align it with Jordan's National Climate Change Policy 2022-2050 in addition to meeting C40 membership requirements. This process involves PATHWAYS model data collection, performing scenario modeling based on collected datasets, updating the greenhouse gas inventory in order to better assess the current state of affairs and progress towards achieving emissions reduction targets, and evaluating mitigation and adaptation actions from climate change strategies and plans for the city of Amman and summarizing/expanding them to identify new opportunities and initiatives as needed in order to produce a coherent, realistic action plan for the achievement of emissions reduction targets by 2030 and 2050. The components will be compiled into one coherent report which will be published as the updated Amman Climate Plan.

## 4. Detailed Tasks and Responsibilities:

The individual consultant will work with the project team and relevant focal points from GAM in collaboration with C40 to perform the following tasks:

1. Work with UNDP team to conduct a workshop to review and evaluate the current status of the CAP and any other relevant action plans adopted previously by GAM, the invitees will be

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<sup>1</sup> [https://www.c40knowledgehub.org/s/article/Climate-Action-Planning-Framework?language=en\\_US](https://www.c40knowledgehub.org/s/article/Climate-Action-Planning-Framework?language=en_US)

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from all sectors at GAM and line ministries from this field. The assignment holder will be responsible for facilitating the workshop and ensuring stakeholder engagement. The workshop conclusions will support the CAP updating process, gaps that require specific attention include the adaptation strategies<sup>2</sup>, scenario modeling, action definitions, and monitoring<sup>3</sup>.

2. Migration of data from CURB tool to PATHWAYS, in addition to completion of PATHWAYS data collection template with primary data collected from city departments and from secondary sources for all relevant missing data.
3. Perform scenario modeling based on PATHWAYS datasets in close coordination with GAM and C40 to meet the requirements of the updated CAP and understand the scope of scenarios to be completed.
4. Complete missing datasets within the greenhouse gas inventory and identify emissions gaps between current progress and actions needed to achieve 2030 and 2050 emissions targets.
5. With the completed scenario modeling in mind, drawing on existing plans, review, reassess, prioritize, and validate mitigation and adaptation strategies and actions<sup>45</sup> from the Amman Resilience Strategy, Amman Climate Plan, and the Amman Green City Action Plan, to be included in the updated CAP based on the updated targets
6. Update, draft, and finalize the CAP to eliminate any gaps in close coordination with GAM and UNDP, increase adaptation actions, and improve the sectoral approach to GHG reduction.

<sup>2</sup> [https://www.c40knowledgehub.org/s/article/Focused-Adaptation-A-strategic-approach-to-climate-adaptation-in-cities?language=en\\_US](https://www.c40knowledgehub.org/s/article/Focused-Adaptation-A-strategic-approach-to-climate-adaptation-in-cities?language=en_US)

<sup>3</sup> [https://www.c40knowledgehub.org/s/article/Measuring-Progress-in-Urban-Climate-Change-Adaptation-A-monitoring-evaluating-and-reporting-framework?language=en\\_US](https://www.c40knowledgehub.org/s/article/Measuring-Progress-in-Urban-Climate-Change-Adaptation-A-monitoring-evaluating-and-reporting-framework?language=en_US)

<sup>4</sup> [https://www.c40knowledgehub.org/s/guide-navigation?language=en\\_US&guideArticleRecordId=a3s1Q000001iaiLQAQ&guideRecordId=a3t1Q0000007IEWQAY](https://www.c40knowledgehub.org/s/guide-navigation?language=en_US&guideArticleRecordId=a3s1Q000001iaiLQAQ&guideRecordId=a3t1Q0000007IEWQAY)

<sup>5</sup> For reference: criteria 3.1.1 to 3.1.7 in the CAP framework relates to action definition and the needed components

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## 5. Expected Outputs & Deliverables Timeframe

Deliverable	Documents	Duration/Deadline
5.1: Inception report containing: - Action plan and timeline to update the CAP based on C40's initial review.	Inception Report	Within 1 month of signing the contract.
5.2: PATHWAYS data collection and scenario modeling	1. Validated report summarizing data collection process approved by GAM in coordination with C40. 2. Validated scenario modeling chapter of the updated CAP approved by GAM in coordination with C40.	Within 3 months of signing the contract.
5.3: Update mitigation and adaptation actions based on findings	Progress report including list of final prioritized and validated mitigation and adaptation actions.	Within 4 months of signing the contract.
5.4: Draft Amman Climate Plan in close coordination with GAM and C40	Updated CAP Draft	Within 5 months of signing the contract.
5.5: Final validated and approved Amman Climate Plan	Final Updated CAP endorsed by GAM	Within 6 months of signing the contract

## 6. Required Qualifications and Skills

### 6.1 Experience

- Minimum 7 years of relevant experience in climate action, climate science, scenario modeling, developing climate action plans, policies, and strategies, with extensive experience working on climate action at a city level.

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- Ability to develop and oversee adaptation and mitigation actions relevant to finance, cities, infrastructure, and natural resources.
- Familiarity or experience with C40 is a major asset.
- Strong experience working with government on climate change response.
- Knowledge of theories, concepts, and approaches relevant to urban planning and management.
- Communication skills: Speaks and writes clearly and effectively; listens to others, correctly interprets messages from others and responds appropriately; asks questions to clarify and exhibits interest in having two-way communication with others.

**6.2 Education:** Advanced university degree (MSc degree and above) in environmental science, or engineering or other relevant fields.

## 7. Compensation and special conditions

The Individual Contractor will be compensated according to the following modality:

- The 1<sup>st</sup> payment (10% of total) after delivery and approval of Deliverable 5.1
- The 2<sup>nd</sup> payment (20% of total) after delivery and approval of Deliverable 5.2
- The 3<sup>rd</sup> payment (20% of total) after delivery and approval of Deliverable 5.3
- The 4<sup>th</sup> payment (20% of total) after delivery and approval of Deliverable 5.4
- The 5<sup>th</sup> payment (30% of total) after delivery and approval of Deliverable 5.5

## 8. Proposal Submission Requirements

Interested individual consultants must submit the following documents to be considered for the assignment:

### 1. Technical Proposal

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- (i) Explaining why the candidate is the most suitable for the work (1-page max.)
- (ii) Providing a brief methodology on how the candidate will approach and conduct the work. (2-3 pages)

2. Financial proposal

- (i) Indicating the daily rate and total value of the financial proposal.

3. Personal CV including past experience in similar projects and at least 3 references

UNDP Signature	IC Signature
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