



# The Global Covenant of Mayors for Climate and Energy



**Bloomberg  
Philanthropies**



Co-funded by  
the European Union

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*GCoM Co-managing Director*

**March 2023**





# *ONE WORLD ALLIANCE*

+12.500 cities, > 1 billion people, 13 Regional Covenants

# A GROWING ALLIANCE OF CITIES & LOCAL GOVERNMENTS

**12,613 CITIES**  
**1.078 BILLION PEOPLE**  
GLOBAL COVENANT OF MAYORS

**243 CITIES**  
**98.5 MILLION PEOPLE**  
NORTH AMERICA

**6 CITIES**  
**1.7 MILLION PEOPLE**  
THE CARIBBEAN

**565 CITIES**  
**195.4 MILLION PEOPLE**  
LATIN AMERICA

**10,402 CITIES**  
**258.3 MILLION PEOPLE**  
EUROPEAN UNION & WESTERN  
EUROPE

**179 CITIES**  
**82.3 MILLION PEOPLE**  
MIDDLE EAST & NORTH AFRICA

**319 CITIES**  
**152.4 MILLION PEOPLE**  
SUB-SAHARAN AFRICA

**655 CITIES**  
**60.5 MILLION PEOPLE**  
EASTERN EUROPE & CENTRAL ASIA

**36 CITIES**  
**81.6 MILLION PEOPLE**  
SOUTH ASIA

**63 CITIES**  
**81.6 MILLION PEOPLE**  
EAST ASIA

**100 CITIES**  
**65.2 MILLION PEOPLE**  
SOUTHEAST ASIA

**45 CITIES**  
**7.5 MILLION PEOPLE**  
OCEANIA

# ENERGIZING CITY CLIMATE ACTION

the 2022 GCoM REPORT is here:

[www.globalcovenantofmayors.org/impact2022/](http://www.globalcovenantofmayors.org/impact2022/)

**12,500+** cities

**144** countries

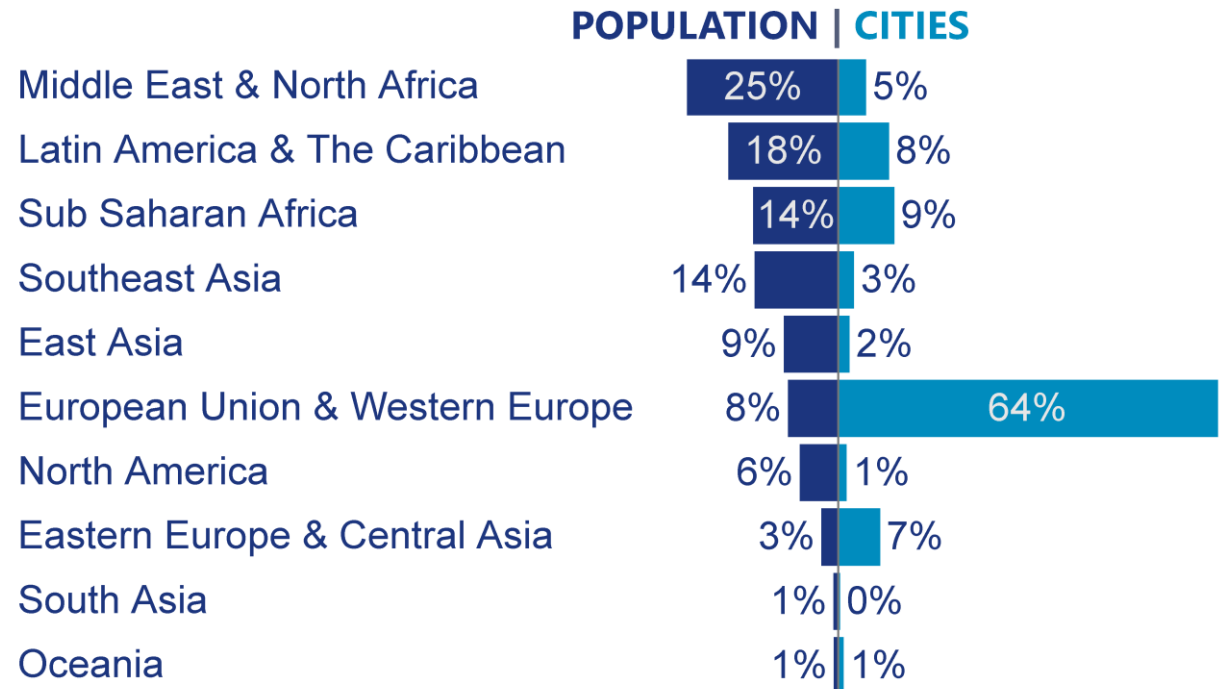
**900** new cities in 2022

*Over 1 billion people – one person in every eight – lives in a city that is committed to GCoM*

## A GROWING ALLIANCE



### The distribution of the GCoM growth since 2021 across regions



# ENERGIZING CITY CLIMATE ACTION

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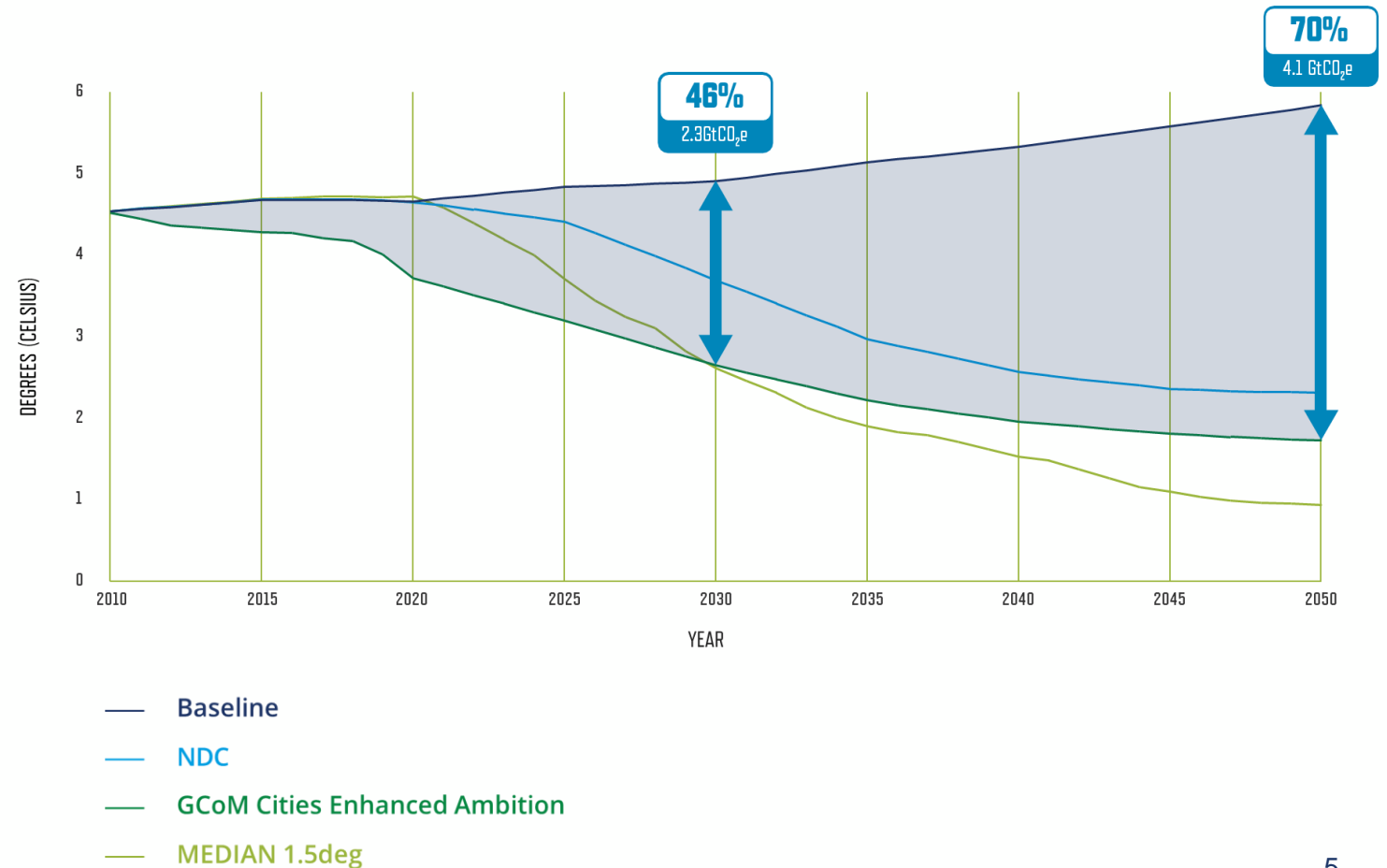
[www.globalcovenantofmayors.org/impact2022/](http://www.globalcovenantofmayors.org/impact2022/)

Based on current targets and actions, the GCoM cities could collectively reduce global emissions by 2.3 GtCO<sub>2</sub>e annually in 2030 compared to a business-as-usual (BAU) trajectory

# A LOW CARBON FUTURE



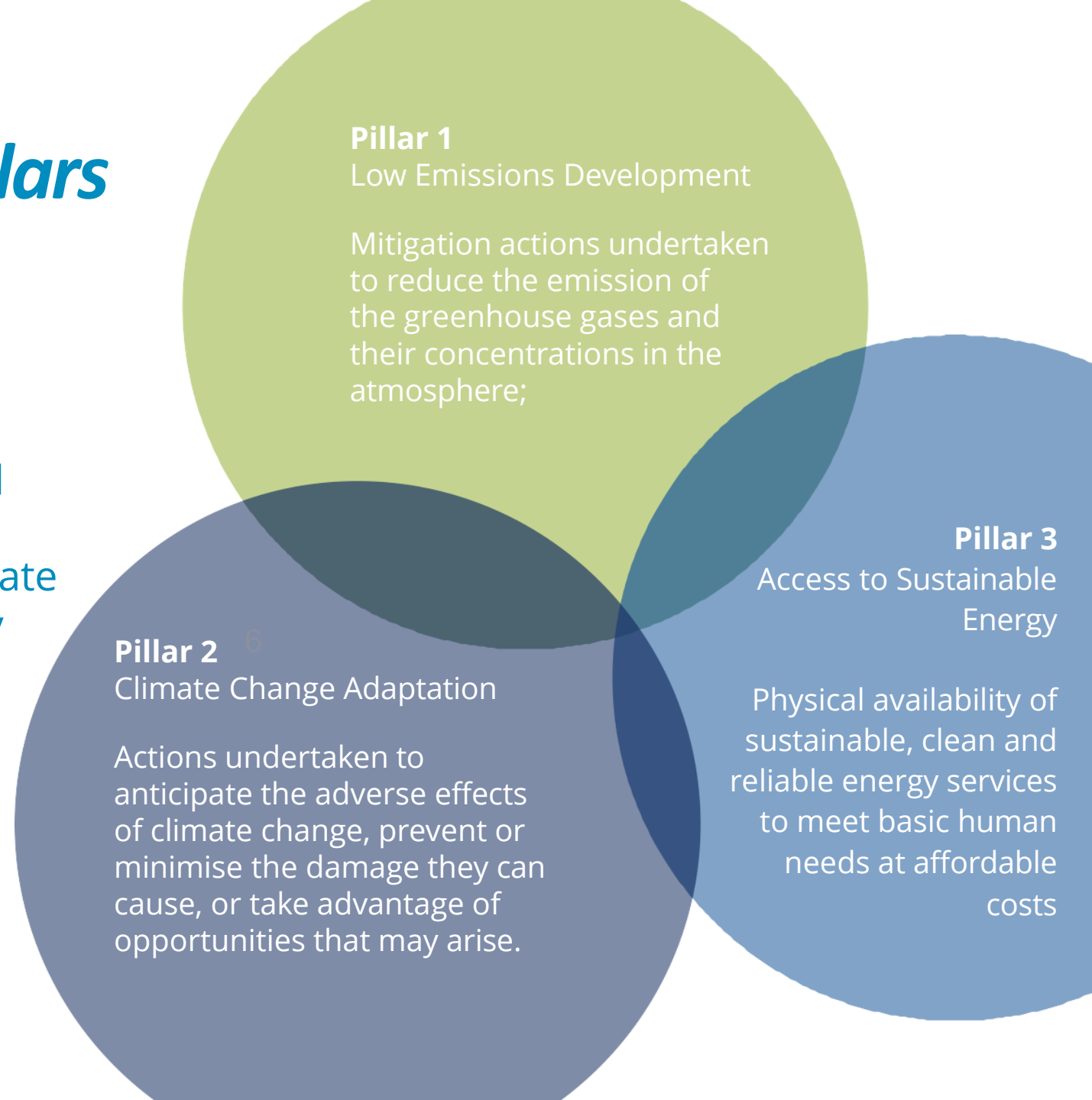
## GCoM signatory emissions scenarios, 2010-2050



# *GCoM climate action pillars*

Under the GCoM, local authorities are invited to make a voluntary political commitment to implement climate and energy actions in their communities and agree on a long-term vision to tackle 3 pillars: climate change mitigation, climate change adaptation and access to energy

In order to translate the political commitment into practical measures, signatories commit to developing and implementing a Climate Action Plan



**12675**  
COMMITTED CITIES



**Commit** to the Global Covenant of Mayors for Climate and Energy.

**Join** the largest global alliance for city and climate leadership.

**Pledge** to implement policy and undertake measure to reduce greenhouse gas (GHG) emissions, prepare for climate impacts, increase sustainable energy access and track progress towards these objectives.

### Three pillars each with one badge and 3 steps



**737**  
COMPLIANT CITIES





# CAP development process overview

## Signatory cities' commitments

### Initiation

- Political commitment
- Mobilize all municipal departments involved
- Stakeholders engagement

### Year 0

Political Commitment  
Signature of PCD

### Planning

Gain better understanding of local emissions, vulnerability to climate change impacts and access to energy services  
Current policy framework

#### Climate Mitigation

Prepare a **Baseline Greenhouse Gas (GHG)** emissions inventory; The inventory determine baseline emissions, identifying main emission sources and reduction opportunities.

#### Climate Adaptation

Prepare a **Climate Change Risk and Vulnerability Assessment (RVA)**: Cities conduct an RVA to identify current and future risks to people and assets.

#### Access to Energy

Produce an **Access to Energy Assessment (AEA)**: as a dashboard, to overviewing the local status of electrification and cooking fuels access.

Establishment of the vision, where do we want to go?  
> **TARGET** Elaboration of the plan: how do we get there?  
> **ACTIONS** What to consider when designing actions to reach the targets?

#### Climate Mitigation

**Sectors:**

- Buildings/ Stationary Energy
- Transport
- Waste

#### Climate Adaptation

**Type of hazards:**

- Extreme heat/cold
- Extreme precipitation / drought
- Floods
- Sea level rise

#### Access to Energy

**Sectors:**

- Electricity
- Cooking fuels

### Implementation

- Deliver practical actions

Every 2 years  
after submission  
local plan

### Monitoring and reporting

- Review progress and readjust priorities

Progress report  
Submission of  
the document

### Year 3

Climate Action Plan  
Submission of the  
document





# *Challenges in SEACAP development*

SEACAPs' development process is characterised by the following key challenges, especially from the cities' administrative perspective:

- ✓ **Lack of multi-level governance** across city departments (coordination challenges). This impacts severely on the development of an integrated plan, across different sectors, departments and existing plans / studies;
- ✓ **Lack of engagement** / interest by municipal employees;
- ✓ **Lack of knowledge** / understanding of how to engage the key stakeholders from the private sector, in order to mobilise actions across the city's geographical boundaries;
- ✓ Lack of a filing system / approach for municipal energy consumptions or other related data for a number of sectors, mainly municipal buildings / facilities, street lighting, municipal vehicles and waste / waste-water.



# Mistakes from practice

**Lack of quality data** is always a key challenge, but not the main reason for insufficient implementation





# *Ambitious climate action can transform cities*



Improved  
air quality



Greater citizen  
well-being



Reduced traffic  
congestion



More attractive  
for investment



Ensuring key  
services to all



Energy poverty  
alleviation



## ***Benefits of joining the GCoM***

*GCoM signatories join the world largest coalition of local leaders committed to address the climate change challenge. They can benefit from:*



Access to good practices, guidance documents, methodologies and tools



Capacity building & technical support on planning & implementation of climate and sustainable energy action



Access to decentralized cooperation mechanisms. Peer-to-peer learning.



Improved international visibility of climate and energy actions carried out by cities in sub-Saharan Africa



Facilitated access to finance, leveraging investments





# *The opportunity of GCoM city climate action*

**100,000+ climate actions  
requiring USD 690 billion  
(EUR 593 billion)**

*reported by GCoM signatories*



**11 million**

*new green jobs*

**Urban resilience**

*significantly enhanced*

We launched  
**THE CITY CLIMATE  
FINANCE GAP FUND**



**to unlock €4 billion**

*(equal to the GDP of Sierra Leone) (2018)*

to transform ambitious city climate  
ideas into finance-ready projects

**[www.citygapfund.org](http://www.citygapfund.org)**



GLOBAL COVENANT  
of MAYORS for  
CLIMATE & ENERGY

# *Technical Support for CAPs projects preparation*



# CAPs



# *Objective & Scope of the Technical Support*

## **General Objective**

Accelerate access to climate finance by identifying the size of the funding needs, bankability potential and the associated climate finance metrics to support match-making through existing pipelines.



## **Service Scope**

Tailor made to the city needs & in support of projects at pre-feasibility stages.

# Key objective: Enhance bankability to facilitate match making





# Place within the Project Development Cycle



City Climate  
Finance Gap Fund

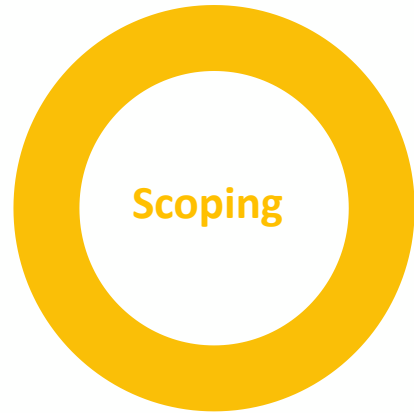


- |   |  |   |   |   |  |   |
|---|--|---|---|---|--|---|
| <ul style="list-style-type: none"> <li>• Designing enabling legislation</li> <li>• Designing regulatory approaches</li> <li>• Reforming project-relevant institutions</li> <li>• Capacity and consensus building</li> </ul> | <ul style="list-style-type: none"> <li>• Developing climate action plans (CAPs)</li> <li>• Build on synergies with other initiatives already planned by City</li> <li>• Tap into local governments networks for best practices/peer-to-peer learning</li> <li>• Develop a preliminary CAP implementation plan by identifying and prioritizing a menu of “quick wins” climate action projects, medium term and longer term ones</li> <li>• Get CAP approved by City Council or equivalent body</li> </ul> | <ul style="list-style-type: none"> <li>• Identifying desired outputs for project</li> <li>• Collect data &amp; compare with alternative projects</li> <li>• Identify potential budgetary streams in municipal master plan/budget to help prioritize</li> <li>• Conducting prefeasibility studies</li> </ul> | <ul style="list-style-type: none"> <li>• Performing financial modelling</li> <li>• Technical options analysis</li> <li>• Environmental impact assessment</li> <li>• Socio-economic appraisal</li> <li>• Other specialist studies</li> </ul> | <ul style="list-style-type: none"> <li>• Assessing project finance options (public, private, PPP etc.)</li> <li>• Designing legal entities</li> <li>• Developing technical/engineering designs</li> </ul> | <ul style="list-style-type: none"> <li>• Finalising project finance and legal structure</li> <li>• Designing and conducting bid process and drafting contracts</li> <li>• Finalising technical design</li> </ul> | <ul style="list-style-type: none"> <li>• Monitoring of outcomes</li> <li>• Impact evaluation</li> <li>• Renegotiating or refinancing project</li> </ul> |
|---|--|---|---|---|--|---|



Critical step to fill in the funding gap cities are facing and attract financing

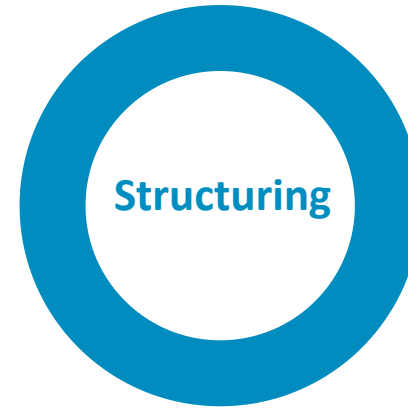
# Activities and support



**Scoping**



**Pre-feasibility**



**Structuring**



**Match-making**

## Activities

- Data collection and preliminary analysis
- Prioritization and scoping of objectives
- Identification of desired outputs for the project

- Further assessment of different options, including for bundling
- Identification of sources of financing and possible instruments
- Development of preliminary business models and budgets

- Further financial and economic analysis, including Cost Benefits and Return on Investment
- Gap assessment for funding and identification of possible municipal revenue streams
- Instrument selection and possible legal arrangements

**Identify and engage with relevant funding partners, including Project Preparation Facilities. Targeting of possible areas of support relevant to the cities' needs as well as financing instruments and mechanisms.**

## Tech. support

- Guidance on metrics to be used and requirements from donors
- Preliminary assessment of possible options including support to bundle projects
- Support on possible existing business models and sources of revenues

- Guidance on preferred options and further assessment for bundling
- Guidance on sources and instruments to be used depending on the options, including by assessing conditions for enabling environments of the proposed solutions
- Further support to prepare for economic and financial analysis

- Guidance on financial and economic analysis metrics and methodologies
- Identification of relevant instruments and blending mechanisms, including de-risking and possible additional municipal revenue streams
- Guidance on requirements for the possible contractual arrangements

This support can include, but is not limited to:

- Organization of bi-lateral meetings with partners
- Dedicated sessions during common events organized by GCoM
- Sharing of funders' materials and metrics to fast track investments



# *Eligible projects – preliminary definition*

**Infrastructure projects  
with climate impacts/scopes**

**AND/OR**

**Projects or interventions with potential for investment  
leading to tangible climate results**



*Soft interventions considered eligible only as part of an integrated project including infrastructure*



# Thematic Sectors

*Projects can cover one or multiple sectors.*



Sectors
Natural resources management, agriculture and biodiversity
Disaster risk reduction
Transport & Urban Mobility
Building Energy Efficiency & Construction
Renewable Energy Generation and Access to Clean Energy
Waste & Circular Economy

➔ *Projects addressing adaptation and mitigation are encouraged*



# Eligibility Criteria

## GCoM Regions

### *Signatory cities in:*

- South Asia
- East Asia
- Southeast Asia
- Eastern European & Central Asia, incl. Balkans
- Latin America & the Caribbean
- Middle East & North Africa, incl. Turkey

## Cities size

Municipalities, local authorities or groupings of local authorities **above 100 000 and under 1.5 Millions inhabitants.**

## Projects size

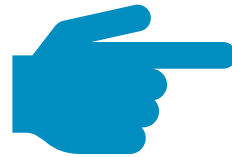
Project or bundled projects of overall minimum size of **1 Million Euros** in value.

*The value of the project or bundled projects is the total estimated costs for the project's implementation.*



# How to apply?

Fill out an  
**Application Form**  
and send to the  
Global Secretariat.



- Go to <https://www.globalcovenantofmayors.org/>
- Download the Application Form available on the **Bankable cities climate projects** webpage
- Sent it to [projects@globalcovenantofmayors.eu](mailto:projects@globalcovenantofmayors.eu) by the **17th April 2023**



# *Experts Exchange: Cities meet cities*





## The GCoM Experts Exchange programme provides:

**Financial and organizational support to exchanges between 20 GCoM signatory cities.**

- ✓ The 20 cities will be coupled in **10 pairings**, based on their main themes of interest and priorities in **CAPs implementation**.
- ✓ The exchanges are definitively oriented to facilitate the CAP projects' implementation through knowledge exchange.





## How it works:

Each Exchange will allow for two experts from each city visiting the respectively paired GCoM signatory city in a different region. Each city will perform one exchange visit to the paired city, and the paired city will reciprocate the visit later in the process, so to have **two exchange visits for each one pairing**.

### Apply here:

<https://www.globalcovenantofmayors.org/press/cities-meet-cities-expert-exchange-program/>

### Info here:

[experts.exchange@globalcovenantofmayors.eu](mailto:experts.exchange@globalcovenantofmayors.eu)



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*of MAYORS for*  
**CLIMATE & ENERGY**

***More information:***



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