

# Climate Change Infrastructure Project Screening Framework (for Mitigation and Adaptation)

**COVER NOTE**



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**Acknowledgement.** The case studies were prepared by AECOM under the guidance of the World Bank Project Team led by Joanna Masic, Xueman Wang and Ahmet Kindap. The contributors to the case studies from AECCOM include Renard Teipelke, Ivan Bruce, Gizem Seyhan Milica Apostolovic and Siddharth Nadkarny

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# Climate Change Infrastructure Project Screening Framework (for Mitigation and Adaptation): Cover Note

## Introduction to the Climate Change Infrastructure Project Screening Framework

The **Climate Change Infrastructure Project Screening Framework (for Mitigation and Adaptation)** is a tool to help catalyze the next generation of investments in cities for climate-smart, greener, more resilient, and inclusive urbanization. It has been developed to assess proposed infrastructure investments for World Bank Group (WBG) support and activate increased city ambition to tackle issues of social, environmental, and economic sustainability.

The Framework was developed under the **Green and Future Cities (GFC) Project**, designed to operationalize Türkiye's National Development Plan and support its climate adaptation and mitigation targets, per its commitments under the Paris Climate Agreement. The GFC aligns with WBG's strategic approach to cities and climate change, with the aim of stepping up support to cities to decarbonize and build resilience, while supporting broader development goals.

## Using the Climate Change Infrastructure Project Screening Framework

The Framework has been developed to identify infrastructure investment opportunities which:

- Demonstrate a clear and evidenced contribution to climate change mitigation and adaptation.
- Have adopted an integrated and multi-sectoral approach (i.e. involving various government departments and non-governmental organizations who share a common goal in addressing a particular issue).
- Consider climate risks and opportunities at every phase of project development (e.g. design, planning, implementation, and operation).
- Consider socio-economic impacts, including opportunities to improve inclusion, access and equity outcomes for vulnerable communities.

## Who is it for?

The Framework can be used as a tool for:

- 1) **External Review:** Investors (e.g. development banks, private sector, national government) or city officials can review and assess proposed infrastructure investments and align with their climate and sustainability goals.
- 2) **Self-Assessment:** Project managers / city officials can populate with their infrastructure projects, identifying opportunities to further integrate issues of climate and sustainability.

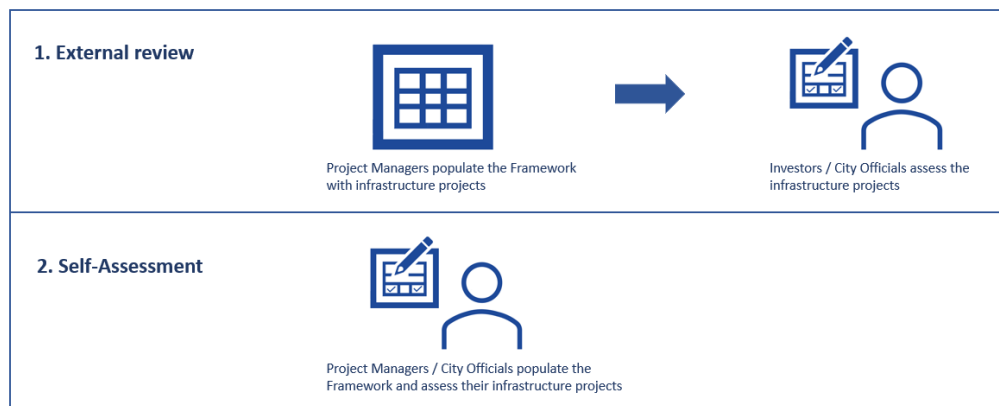


Figure 1 Using Climate Change Infrastructure Project Screening Framework

Figure 1 'Using the Climate Change Infrastructure Project Screening Framework' demonstrates two options for using the Framework, however, each city context is different and can take a different approach relative to its governance and financing arrangements.

### Populating the Framework

Project Managers (or similar project representatives) can populate the Framework, providing information on their project pipelines. The Framework is divided into 5 sections (or tabs), comprising a section for general information, followed by thematic sections on Policy Alignment, Mitigation Potential, Adaptation Potential, and Impacts and Co-benefits.

Each section includes several questions aiming to assess the extent to which the infrastructure project has considered, and is responding to, climate and wider socio-economic risks and opportunities. Project managers can respond to the questions using the green columns, providing as much information as possible, using the guidance information and examples to support their answers.

### Assessing the Infrastructure Projects

The final three sections (Mitigation Potential, Adaptation Potential, and Impacts and Co-benefits) include a traffic light rating system for assessing the completeness of each response. The traffic light rating system has been designed to help investors, other external stakeholders, or city officials, determine which infrastructure projects meet their strategic and policy objectives (for example, the World Bank's [Climate Change Action Plan](#) (2021–2025)).

Assessors can review the information provided in Sections' 3-5 and evaluate the response by selecting from the respective drop-down list. Each section also includes a column to record any additional comments by the assessor.

The Project Summary table (see Figure 1 below) collates all the inputs entered on the infrastructure projects, providing an overview on project readiness, sector focus, impacts and co-benefits including the mitigation and/or adaptation potential. This will also identify areas where further information is required, and feedback can be provided to the project's manager.

Sub-project name	Mitigation Potential				Adaptation Potential				Impacts and Co-benefits					
	MP - Q1	MP - Q2	MP - Q3	MP - Q4	AP - Q1	AP - Q2	AP - Q3	AP - Q4	IB - Q1	IB - Q2	IB - Q3	IB - Q4	IB - Q5	IB - Q6
Test Sub-Project - Water														
Test Sub-Project - Transport														
Test Sub-Project - Bus Terminal														
Sub-Project name 4														
Sub-Project name 5														
Sub-Project name 6														

Figure 2. Screenshot of the Project Summary Table

Please note, when considering sharing the Framework with project managers, the more advanced the infrastructure project (e.g. approved concept, design, and funding arrangements), the more useful and effective the framework will be. It has been designed to assess projects which have undergone an initial screening and are already shortlisted within the city's project pipeline.

**The Climate Change Infrastructure Project Screening Framework (for Mitigation and Adaptation) is available in the attached file and can also be accessed through the following**

**link:** [https://www.thegpsc.org/sites/gpsc/files/wb\\_ccips\\_framework\\_criteria\\_global\\_issued.xlsx](https://www.thegpsc.org/sites/gpsc/files/wb_ccips_framework_criteria_global_issued.xlsx)