

GLOBAL ENVIRONMENT FACILITY-8 (GEF-8): SUSTAINABLE CITIES INTEGRATED PROGRAM (SCIP)

DECARBONISATION AND SUSTAINABLE CITIES FOR A NET-ZERO FUTURE IN MALAYSIA

Program Coordination Committee (PCC)

8 OCTOBER 2026



PROJECT OVERVIEW

Objective

To catalyse urban decarbonisation in Selangor as a strategic entry point for addressing climate change, biodiversity loss, and land degradation, by integrating innovative policies, technologies, and financing mechanisms into city planning and investment frameworks, creating scalable models for sustainable, resilient, and inclusive urban development in Malaysia.

COMPONENT 1



ENABLING CITIES TO IMPLEMENT INTEGRATED DECARBONISATION POLICIES THAT REDUCE GHG EMISSIONS, SAFEGUARD BIODIVERSITY, AND COMBAT LAND DEGRADATION

DELIVERABLES

- A) City-level decarbonisation action plans developed (integrating climate change, biodiversity loss, and land degradation challenges) in alignment with national policies
- B) Institutional capacity for green and inclusive public procurement strengthened
- C) Policy recommendations distributed to other cities/states to allow for scale-up

OUTCOMES

Cities equipped to lead integrated decarbonisation efforts in alignment with national frameworks

COMPONENT 2



FACILITATING FINANCE FOR CITIES TO ADDRESS CLIMATE CHANGE, BIODIVERSITY LOSS, AND LAND DEGRADATION, WITH A FOCUS ON NATURE-BASED SOLUTIONS

DELIVERABLES

- A) Areas for investment mapped and prioritized
- B) Business models and financing structures for investments in prioritized areas proposed
- C) Investment-ready project concepts prepared based on assessed business models and financing structures

OUTCOMES

Strengthened enabling environment for sustainable urban investment through prioritised planning, viable business and financial models, and bankable project pipelines

COMPONENT 3



PILOTING AND REPLICATING/SCALING IMPACTFUL PROJECTS

DELIVERABLES

- A) Potential demonstration projects for GEF-supported financing and assistance selected and approved
- B) Technical, environmental, and commercial assessment of potential demonstration projects conducted
- C) Selected demonstration projects implemented
- D) Demonstration projects scaled up or replicated

OUTCOMES

Demonstration projects implemented, replicated, and/or scaled to showcase integrated solutions for urban decarbonisation

COMPONENT 4



KNOWLEDGE MANAGEMENT AND CAPACITY BUILDING

DELIVERABLES

- A) Knowledge management, learning and exchange with peer cities facilitated
- B) Training for local authorities conducted on the implementation of green public procurement measures
- C) Training for local authorities conducted on integrated approaches to urban decarbonization
- D) Web-based training platform & knowledge resource hub developed
- E) Strategic partnerships facilitated with technology providers for sustainable urban solutions

OUTCOMES

Local governments empowered through training, peer networks, and digital tools to implement integrated urban sustainability solutions

COMPONENT 5



PROGRESS AND IMPACT TRACKING

DELIVERABLES

- A) Monitoring and evaluation plan, Annual Project Reports, environmental and social management plan, and gender action plan implemented
- B) Key evaluation and reporting activities completed, including Mid-Term Review, and Terminal Evaluation

OUTCOMES

Monitoring and evaluation carried out

IMPLEMENTATION STATUS

Governance and coordination

- PSC 1/2026 completed; project governance and TAC role established.
- MIGHT and UNIDO signed agreement
- TAC preparation underway for technical review of demonstration proposals.
- Coordination continuing with local authorities and technical partners.

Demonstration pipeline

- Project proposals refined following city-level discussions and validation needs.
- Portfolio covers urban greening, ecological restoration, biowaste, solar/EV/net-zero building and flood/water resilience.
- Scope, cost and KPI alignment being strengthened before TAC decision-making.

Capacity and enabling actions

- Year 1 training packages being coordinated with relevant providers.
- Baseline and reporting requirements being translated into practical templates.
- Co-financing and partner contributions require continued documentation.



15 June 2026

- Project Steering Committee (PSC) No. 1/2026
- GEF-8 Launching Event
- Inception Workshop

18 June 2026

- MIGHT and UNIDO signed agreement

FGD and proposal refinement

Pre-council meeting with UPEN Selangor and SCAC for technical consolidation

TAC technical review

Implementation readiness

IMMEDIATE PRIORITIES

Next 30–60 days

1

Finalise TAC package

Clarify technical scope, costs, financing status, delivery model, risks and decision points for each proposed demonstration.

2

Tighten KPI logic

Link each project to measurable GHG reduction, climate resilience, ecosystem restoration, beneficiaries and replication potential.

3

Confirm Year 1 capacity plan

Close training topics, participants, delivery format and linkages to city implementation needs.

4

Prepare implementation controls

Set up baseline data collection, reporting templates, procurement readiness checks and approval workflow.

KEY CHALLENGES

1

Proposal readiness

Some demonstrations still need stronger technical basis, baseline evidence, implementation sequencing and clearer ownership.

2

Measurement credibility

GHG, biodiversity, land, resilience and beneficiary indicators must be quantified with credible assumptions and data sources.

3

Multi-partner coordination

City owners, national agencies and technical partners need aligned roles, approval routes and reporting cadence.

4

Financing and procurement

GEF funding, co-financing, procurement timelines and readiness of delivery partners must be matched carefully.

Cross-cutting risk

Fragmented pilots may reduce learning value. The project needs common methods, comparable indicators and replication pathways across cities.

AREAS WHERE GPSC AND PARTNERS CAN ADD VALUE

01

Technical peer review & expertise

Validate scopes, baselines, KPI methods and implementation risks before investment decisions.

02

MRV and reporting tools

Provide practical templates and guidance for GHG, NbS, resilience, biodiversity and beneficiary reporting.

03

Peer learning & case examples

Share relevant experience from other SCIP countries on ZEB retrofits, biowaste, urban greening and flood resilience.

04

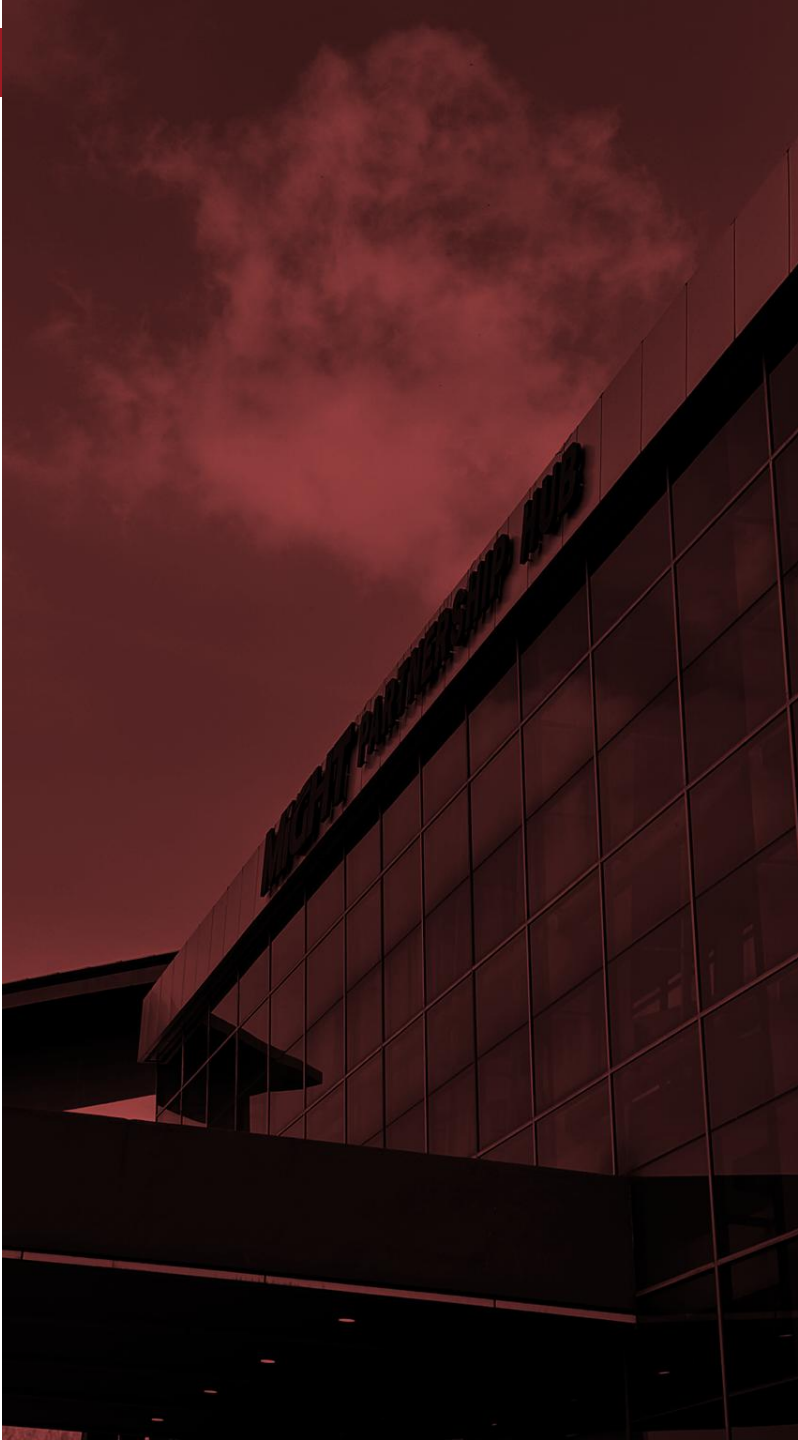
Partnerships & collaboration

Connect Malaysia with relevant GPSC core partners such as ICLEI and other specialists as needed.

05

Knowledge products & replication

Support practical learning products, city-to-city exchange and replication guidance for Malaysia and the wider platform.



LET'S HAVE A CONVERSATION

#letscollaborate for #betterfutures

Together, we make it happen!

