



GEF 8 : MALAYSIA

PPG PREPARATION

DEVELOPMENT OF A GEF CEO ENDORSEMENT DOCUMENT

UNDER PROJECT

DECARBONIZATION AND SUSTAINABLE CITIES FOR NET-ZERO FUTURE IN MALAYSIA

UNIDO PROJECT ID

230257

OBJECTIVE

To reduce the GHG emission from cities and support the national target to reduce carbon intensity by 45% in 2030 through Nature-based solutions and advanced technologies - addressing urban development challenges in an integrated way that scales up investment in innovative technologies and practices to address GHGs, climate change resilience, land degradation, and biodiversity in urban areas in Malaysia

COMPONENTS

POLICY WORK

- A) City level action plans to accelerate decarbonisation and addressing biodiversity and land degradation - including indicator framework coherent with national policies
- B) Policy framework updated to allow for additional mobilisation of project implementation - including public procurement rules
- C) Policy recommendations distributed to other cities / states to allow for scale up

STIMULATING INNOVATION AND FINANCING

- A) Mapping of a prioritised areas for investment
- B) Assess feasible business models and financing structures for investments that accelerate net zero emissions and build resilience
- C) Development of climate finance strategies

DEMONSTRATION PROJECTS IN 3 PILOT CITIES

- A) Decision on grant programme for demonstration projects
- B) Conduct technical and commercial assessment of potential demonstration projects
- C) Implementation of demonstration projects
- D) Scale-up / replication of calls for proposals and demonstration projects

CAPACITY BUILDING PROGRAMME

- A) Knowledge management, learning and exchange with peer cities as well as training and capacity building programs for officials from national, state and city levels - cooperation with global programme
- B) Training and coaching for local authorities on the implementation of green public procurement measures
- C) Training on best practices, resource efficiency, awareness for low carbon products, and circular economy (in area of Climate change, biodiversity, and land degradation)
- D) Training platform developed with reference materials for ongoing work / capacity building
- E) Development of partnerships with international technology suppliers for technology transfer

LEAD STATE



Total GEF Funding: 4,784,138.67 USD

Co-financing: 15 Mil USD

DELIVERABLES

Enabling policies for cities to implement decarbonisation through climate change, biodiversity and land degradation indicator framework.

Stimulating innovation and financing model for net-zero development in cities.

Demonstration of decarbonisation with integration of nature-based solutions for key components in building, transport and power systems.

Access to climate action planning, urban biodiversity knowledge and land matter in supporting tools for the decision-making process.

OUTCOME

The Sustainable Net-Zero Carbon Cities in Malaysia will help addressed the challenges above through the policy input development, investment framework, demonstration project, knowledge sharing and capacity building by making transformational shifts towards net-zero GHG emissions and climate-resilient development as well as significant biodiversity conserved, sustainably used, and restored. This will directly contribute to the GEF and SDG goals of integrated sustainability planning, specifically by incorporating climate risks into urban planning and management that address climate change mitigation, biodiversity and land degradation.

SUMMARY OF ACADEMY KEY TAKEAWAYS

- ❑ Strengthening local and institutional capacities
- ❑ Co-financing of demonstration sub-projects (investments / interventions) in the various sectors in 3 municipalities in the state of Selangor
- ❑ Assisting cities in the mobilization of financial resources for upscaling of investment
- ❑ Development of materials and training programmes which could be used by other cities in Malaysia
- ❑ Monitoring and Knowledge Management.

TOTAL POTENTIAL PROJECTS 34

Potential Projects under Climate Change

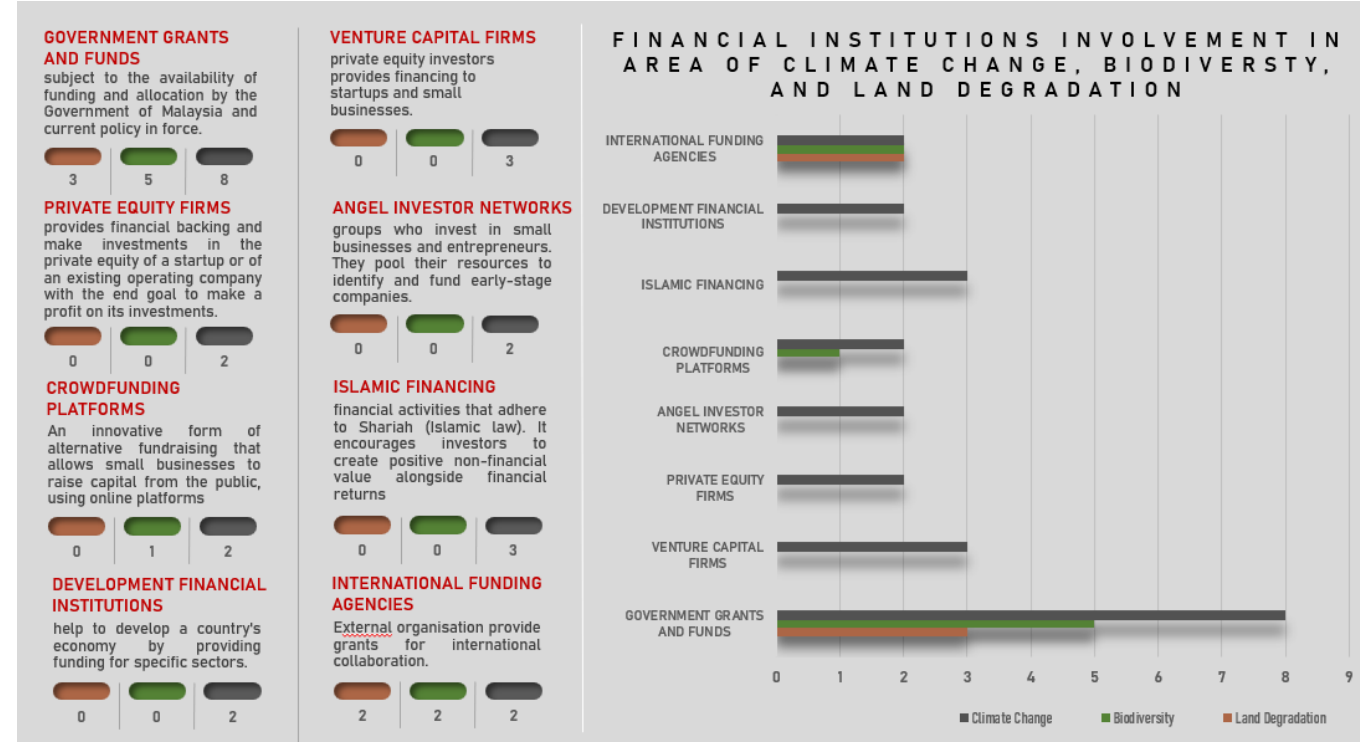
Shah Alam 12 Sepang 3 Klang 9

Potential Projects under Biodiversity

Shah Alam 2 Sepang 3 Klang 5

Note: Some biodiversity projects can also leverage for land degradation

STATUS: Currently in the process to arrange site visits at the 3 local municipalities for further due diligence.



Tabulated based on FGD Financing Component

"Innovative financing models are the catalysts for innovation in sustainable projects, unlocking new pathways to investment and ensuring that visionary ideas become impactful realities for a better world."

PPG FGDs & WORKSHOPS

Focus Group Discussions (FGDs)



Inception Workshop



Communication skills are the
Key to 21st Century SUCCESS!

Verification Workshop



PPG TIMELINE

