



# ADB Projects in Baguio City, PHI

**Japan Platform for Redesign:  
Sustainable Infrastructure (JPRSI)**

**City-to-City Collaboration  
Programme**

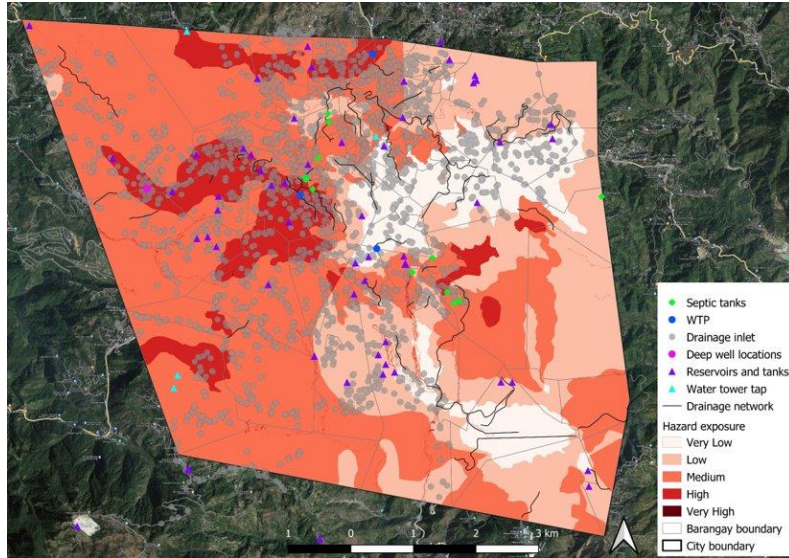
**Kyaw Thu  
Urban Development Specialist  
Southeast Asia and Pacific Team  
Water and Urban Development  
Sector Office**

**July 2023**

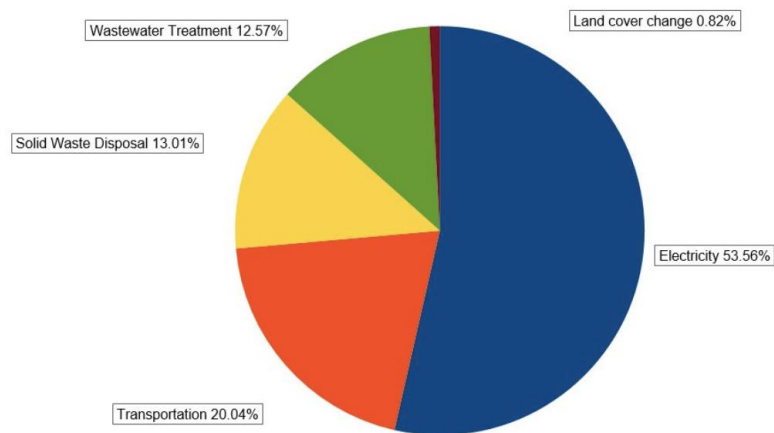
**Technical Assistance 9748**  
**“Establishing a Platform for Climate-  
Resilient and Low-Carbon Urban  
Development”**



# Prioritizing and Financing of Climate Projects in Baguio

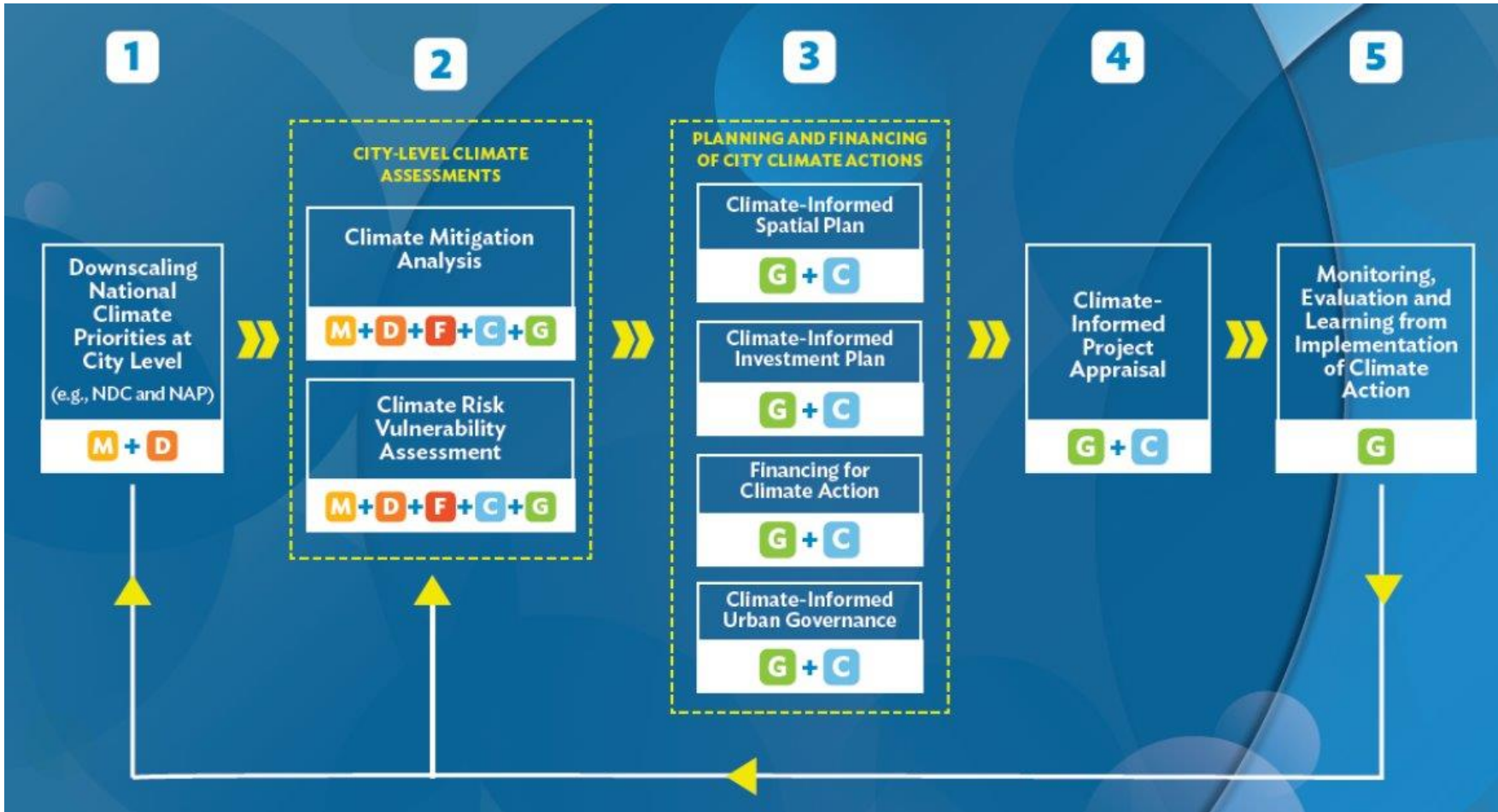


Baguio City Emissions - Share by inventory sector



- Climate priorities identified based on city **climate risk and vulnerability assessment** and **GHG profile**.
- Review of **city planning and infrastructure master plan** to identify projects that respond to climate priorities (mitigation and adaptation).
- Discrete climate projects bundled together to formulate a **programmatic approach** to climate project formulation moving from ad-hoc interventions to a list of prioritized most impactful projects which generate maximum co-benefits.
- Identification of **feasible financing options** including from the private sector to finance projects included in the climate program within the city's constraint budget envelope.
- Identification of actions to strengthen the wider **enabling environment** for financing climate projects in a programmatic manner (e.g., climate budget tagging, green procurement system).

# Platform for Low Carbon and Climate Resilient Urban Development



- Platform to provide cities with a range of technical resources to scale up climate investments (mitigation and adaptation)

## RESOURCES:

- M** Methodology
- D** Access to data (SPADE)
- F** Output Format
- G** Guidelines
- C** Capacity Building

# Baguio Resilient City Tourism Project

# Baguio Resilient City Tourism Project (USD 62.5 million proposed)

## National Flagship Program: Transforming Communities Towards Resilient, Inclusive and Sustainable Tourism (TouRIST)

Outcome: Baguio City's resilience is enhanced for tourism development

### Output 1



### Urban Infrastructure and services to enhance resilience

- **Balili STP** (80m<sup>3</sup>/day septage; 12,000m<sup>3</sup>/day sewage)
- **Network rehabilitation**
- **Regional sanitation plan**
- **Capacity building and institutional strengthening**
- **Tariff reform program**

### Output 2



### Tourism workers' productivity (training model established)

- **Private sector-led skills training networks** (climate change and resilience, digital skills, accommodation, food services, transport, farm tourism, tour operations)

# Output 1 – Urban Infrastructure and Services

Hard infrastructure	“Soft” infrastructure
<ul style="list-style-type: none"><li>• <b>New 12,000 m<sup>3</sup>/day Balili STP</b><ul style="list-style-type: none"><li>- Improve site and access road</li><li>- 80 m<sup>3</sup>/day septage co-treatment</li><li>- Septage treatment for the entire city</li><li>- Balili sewage</li><li>- Sludge dewatering and drying</li></ul></li><li>• <b>Rehabilitated Balili sewage network</b><ul style="list-style-type: none"><li>- Replace 9 km of main sewer</li><li>- Connect 33% of Balili catchment (for 2025 - approx. 17,000 total connections)</li></ul></li></ul>	<ul style="list-style-type: none"><li>• <b>Regional Sanitation Plan and Biosolids Strategy</b></li><li>• <b>Sanitation Compliance Manual and Sanitation Unit</b></li><li>• <b>Consolidated and strengthened sanitation function</b></li><li>• <b>Tariff reform program / budgeting</b></li><li>• <b>Capacity development</b><ul style="list-style-type: none"><li>- Asset management</li><li>- Management information system</li><li>- Compliance</li></ul></li><li>• <b>Position tracking system for desludging operators</b></li></ul>

## Output 2: Skills Training Networks

1. Apply the enterprise-led (demand-driven) learning network skills development funding model.
2. Networks will submit applications to Department of Transport (DOT) to access the fund.
3. Participating firms in the networks will collectively nominate their workers, and identify common priority training needs, to be supported by the project.
4. Trainings in COVID-19 health and safety protocols will be provided to complement and support the DOT's goals for safe and resilient tourism rebound.
5. A specific focus of the training will be **digital skills enhancement for tourism workers**, as well as **emergency response and business continuity planning** to prepare for emergencies.

The model, which is based on the Irish SkillNet program, was successfully piloted in the Philippines with the Department of Tourism (DOT) under TA 8334-PHI: Improving Competitiveness in the Tourism Sector.

The model was also adopted in the ADB-funded Sustainable Tourism Development Project for Coron and El Nido, Palawan in partnership with the Tourism Infrastructure and Enterprise Zone Authority and DOT.



## Potential Areas to Collaborate

- City-to-City collaboration between Japanese cities and Baguio city on tangible support for agreed areas with resources and experts.
- Technical cooperation on the use/testing of the Climate-Resilient and Low-Carbon Urban Development Platform and tools in other cities including in Japan.

**Q&A**

**Thank you..**