

## Case Study 1

### Solar School Initiative (Green Classrooms Programme)

**Description:**

The Ministry of Education, in partnership with the Ministry of Tourism and Environment, is rolling out a programme to install rooftop solar photovoltaic systems on 50 public schools. The goal is to reduce diesel dependence, lower operational costs, and promote awareness among students. Technical support is being provided through a bilateral grant from Denmark (USD 800K), while the capital investment comes from the Public Sector Investment Programme (PSIP) (USD 1.5M grant). A local solar company is contributing in-kind support (USD 200k) through discounted installation services and maintenance for the first two years.

**Total Budget:** USD 2.5 million

Budget Line Item	Description	Amount (USD)	Climate Relevance	Notes
1. Rooftop Solar PV Systems	Purchase and installation of solar panels and inverters for 50 schools	1,500,000		
2. Technical Assistance & Design	Engineering design, feasibility studies, and technical oversight funded by Denmark	800,000		
3. In-kind Installation & Maintenance Support	Discounted installation services and two years of maintenance by local solar company	200,000		
4. Teacher Training on Energy Awareness	Training teachers on integrating renewable energy topics into school curriculum	50,000		

<b>5. Public Awareness Campaign</b>	Promotional materials and events for students and parents	25,000		
<b>6. Classroom Refurbishment</b>	Painting, new furniture, and general repairs to classrooms	60,000		
<b>7. ICT Equipment Purchase</b>	Laptops, projectors, and internet upgrades for classrooms	40,000		
<b>8. Administrative Costs</b>	Project management, monitoring, and reporting	25,000		

Case study 2

Climate Resilience for Farmers (AgriAdapt Project)

Description:

This project aims to enhance climate resilience in farming communities across three atolls through the promotion of drought-resistant seeds, introduction of drip irrigation, and training on climate-smart agriculture. It targets areas highly vulnerable to saltwater intrusion and variable rainfall. The project is funded by a multilateral climate adaptation fund (USD 700K) through a grant, co-financed by the Ministry of Agriculture under PSIP (USD 300K), and supported by a private agro-business (USD 200k) offering extension services as part of their ESG commitments.

Total Budget: USD 1.2 million

Budget Line Item	Description	Amount (USD)	Climate Relevance	Notes
1. Drought-Resistant Seed Distribution	Procurement and distribution of climate-resilient crop varieties to farmers in target atolls	250,000		
2. Drip Irrigation Systems	Installation of water-efficient drip irrigation systems on pilot farms	300,000		
3. Climate-Smart Agriculture Training	Training for farmers on soil conservation, water management, and salt-tolerant crops	150,000		
4. Farmer Extension Services (In-kind)	Technical advice and field visits provided by private agro-business as part of ESG commitments	200,000		

<b>5. Agricultural Market Access Improvements</b>	Upgrading rural collection centres, cold storage, and transport links	150,000		
<b>6. General Farm Equipment Purchase</b>	Tractors, tillers, and general tools for farming	100,000		
<b>7. Project Management &amp; Monitoring</b>	Administrative support, baseline surveys, and impact tracking	50,000		

## Case Study 3

### Post-Cyclone Recovery Fund

#### Description:

In response to severe cyclone damage earlier this year, the government has established an emergency recovery fund. It will finance the repair of homes, schools, and health clinics, provide cash transfers to displaced households, and restore basic utilities. Funding includes reprogrammed PSIP allocations (USD 1.5M), budget support from UK (USD 2M), and a contingent loan from a multilateral development bank (USD 1.5M) activated through a disaster risk financing mechanism. The project focuses on immediate response, not long-term adaptation.

**Total Budget:** USD 5 million

Budget Line Item	Description	Amount (USD)	Climate Relevance	Notes
1. Housing Repairs & Reconstruction	Repair and rebuild cyclone-damaged homes in affected communities	2,000,000		
2. School Rehabilitation	Repair damaged classrooms, replace lost equipment, and restore learning spaces	750,000		
3. Health Clinic Restoration	Rebuilding damaged health facilities and replacing medical equipment	500,000		
4. Cash Transfers to Displaced Households	Emergency financial assistance for basic needs	1,000,000		
5. Utility Restoration	Repair power lines, water supply systems, and communications infrastructure	600,000		
6. Project Administration & Coordination	Management of fund allocation, monitoring, and reporting	150,000		

## Case Study 4

### Urban Highway Expansion

#### Description:

This infrastructure project aims to widen a major urban highway to reduce congestion and travel times in the capital city. There is no analysis of greenhouse gas emissions, modal shifts, or climate co-benefits in the project proposal. It is financed entirely through domestic PSIP funds (USD 5M) and a loan from a multilateral development bank (USD 5M).

**Total Budget:** USD 10 million

Budget Line Item	Description	Amount (USD)	Climate Relevance	Notes
1. Road Widening & Paving	Expansion from four to six lanes, full resurfacing, and paving works	7,000,000		
2. Drainage Improvements	Upgrading stormwater drainage systems along highway	1,000,000		
3. Roadside Landscaping	Planting decorative trees and shrubs along median and sidewalks	500,000		
4. Traffic Management Systems	New traffic lights, signage, and road markings	750,000		
5. Pedestrian Overpasses	Construction of three pedestrian bridges	500,000		

<b>6. Project Management &amp; Supervision</b>	<b>Administrative costs, contractor oversight, and quality control</b>	<b>250,000</b>		
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