

## NIWRA: Financing Priorities and Windows

Annex II

### Strategic Objective--Establish A Financially Sustainable National Integrated Water Resources Management Authority

#### Phase I

Priorities	Financing Windows
<p>1. Establish NIWRA Board of Directors, Advisory Board and Administration</p>	<p>Government of Belize (GOB): Secure existing Budget Allocations from Hydrology Unit Ministry of Health and Public Utilities Commission (estimated at \$365,000), reallocated to NIWRA</p> <p>GOB: Financing based on NIWRA's proposed new budget subvention based on updated estimates of requirements based on agreed priorities and their phasing.</p> <p>Water abstraction rates : Based on Abstraction rates (.0001)/gal. for BWS</p>
<p>2. Secure External Financing for launching Scholarship and Training Programme</p>	<p>Relevant international financial Institutions (IFIs) including Caribbean Development Bank (CDB), Organization of American States (OAS), UNDP, and European Union (EU) for financing for scholarships</p>
<p>3. Draft and Finalize Water Resource Master Plan</p>	<p>GOB and relevant international Institutions including UNDP and European Union</p>
<p>4. Launch Public Awareness Campaign</p>	<p>GOB and bilateral contributions from Government of Taiwan, United States and Mexico</p>
<p>5. Inventories of national water assets and of water stakeholder access and practices</p>	<p>NIWRA: Financing from annual well drilling permits and licenses: 150 permits per year @ \$500 each; 10 licenses @ \$1000 ea. Based on Williams Data.</p> <p>GOB budget financing IFIs: UNDP, EU (for agricultural sector)</p>

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**Phase II**

<b>Priorities</b>	<b>Financing Windows</b>
<p>1. Conduct second round of broad based consultations with water sector stakeholders to lay the ground for fee and pricing reforms</p>	<p>GOB budget financing IFIs: UNDP, IDB, WB</p>
<p>2. Rationalize abstraction and licensing process for water abstraction</p>	<p>GOB: budget financing NIWRA: Water abstraction rates : Based on Abstraction rates (.0001)/gal. for BWS, Rural water systems (RWS) and private operators</p>
<p>3. Implement water conservation fees incorporated in departure fees in collaboration with BTB and PACT</p>	<p>NIWRA: Financing from annual well drilling permits and licenses: 150 permits per year @ \$500 each; 10 licenses @ \$1000 ea. Based on Williams Data.</p>
<p>4. Propose legislation for water monitoring fee and registration fee for wells</p>	<p>NIWRA: Financing from Annual Registration of wells based on SIB data-- 1400 wells @ \$100 each</p>
<p>5. Launch water management pilot at grass roots level.</p>	<p>NIWRA: Financing from water conservation fee based on 250,000 overnight visitor arrivals and 3% growth rate per annum per person charge of US\$1 per person</p>
<p>6. Initiate reform of water pricing in collaboration with BWS and PUC.</p>	<p>NIWRA: Financing from water conservation fee based on 570,000 cruise ship visitor arrivals and charge of US\$1 per person</p>
<p>7. Initiate plan for establishment of a national lab.</p>	<p>NIWRA: Financing from water use charges Water Use Charges for Irrigation @\$.00001per gal; assumes that incentives for conservation kick on and water use declines in Phase III NIWRA: Financing from water monitoring fee: Based on 109 Village Water Boards @ \$500 each</p>

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**Phase III--Future Financing Options**

<p>1. Finance mobilization for National Lab</p>	<p>NIWRA: Financed by Water conservation, abstraction, licensing and monitoring fees introduced in Phases I and II.</p>
<p>2. Prepare the ground work for assessing the feasibility of external bond instrument for generating investment in the water sector for water resource management</p> <p>3. Initiate the process of accreditation for NIWRA as a fiduciary manager for water resource management</p> <p>4. Finalize and prepare for implementation of differential charges for water use for residential as compared to commercial use and revenue and revenue sharing with BWS and PUC.</p> <p>5. Assess the feasibility of establishing a clean water trust fund potentially financed with debt swaps</p>	<p>NIWRA: Fees generated from water testing based on 2300 commercial entities including water bottling companies, hotels, rural water systems, wells etc.</p>