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**UNEP DTIE Office Building, Paris**



# **UNEP “Water Accounting & Efficiency Stocktaking” Workshop**

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# UNEP “Water Accounting & Efficiency Stocktaking” Workshop

## Objectives:



- 1) Elucidate commonalities and differences among emerging methods and practice,
- 2) Identify gaps and challenges, and
- 3) Inform where accounting methods might benefit from harmonization and increased field testing





# UNEP “Water Accounting & Efficiency Stocktaking” Workshop

## UNEP Water Footprint, Neutrality & Efficiency (WaFNE) Project

### *Component 1: Refinement and Promotion of Methodologies and Tools for Water Accounting*

#### Day 1:

- **Setting the Scene**
- **Business & Industry Aspect**

#### Day 2:

- **Finance Sector**
- **Geographic Locations**
- **Linking the 3 Aspects**





# WaFNE Project: Proposed Activities

**Component 1:** Refinement, promotion of methodologies and tools for application of water accounting/ footprinting related concepts / tools

**Component 2:** Applying water accounting/ footprinting related concepts & management tools in selected industry sectors

**Component 3:** Using water accounting/ footprint and related concepts in financial sector

**Component 4:** Applying water accounting/ footprinting and related concepts in selected geographical locations



# WaFNE Project: Overview

## Overall Goal:

- To enhance water efficiency and water quality management through the refinement of water accounting/ footprint and water neutrality methodologies with support of related management tools, their testing and application in...
  - i. high water impact and water dependent industry sectors, used by their financiers and investors in due diligence and stock picking exercises, as well as
  - ii. water-stressed / scarce regions, used by public authorities in local water service and conservation operations.



## Outputs:

- Methodologies, tools / guides, capacity platform, dialogue forums, country pilot tests / demonstrations, awareness raising & communications

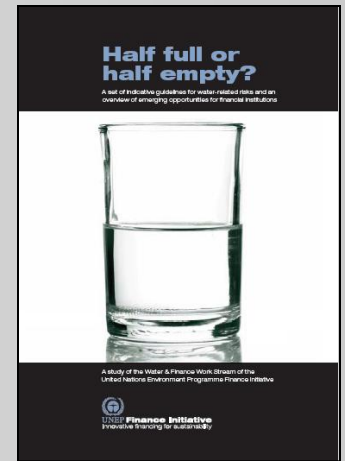


# WaFNE Project

**Time frame:** 3 years (2009/10 – 2012/13)

## **Partners:**

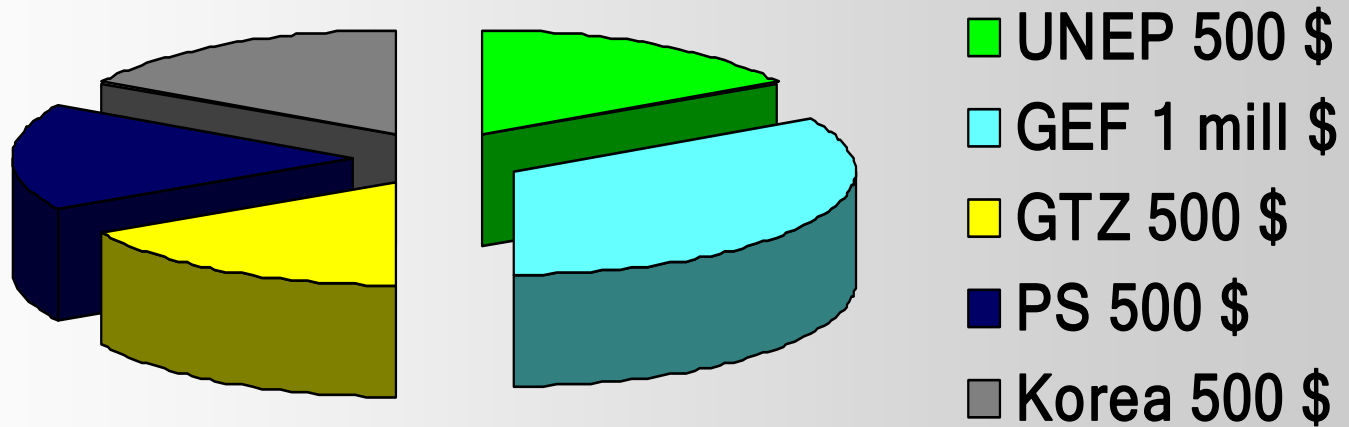
- **UNEP:**
  - UNEP SCP Branch (Paris),
  - UNEP Finance Initiative (Geneva),
  - International Environmental Technology Centre (Osaka)
- UN Global Compact – CEO Water Mandate
- Business & Industry and Banks: participant companies, organizations, GRI
- Municipalities & Regions
- Other relevant UN institutions, expert institutes & networks incl. UN-Waters, Pacific Institute, Water Footprint Network and UNEP/ SETAC Life Cycle Initiative





# WaFNE Project: Funding Prospects

> US\$ 3 million over 3 yrs



# WaFNE Project: Target Geo-Locations & Industries



## Target geographical areas and industrial sectors to be selected on the basis of:

- level of water stress and scarcity, current and projected;
- level of national industrial output, water use and environmental inefficiencies;
- economic and environmental importance of targeted industries, considering major agricultural exporters and industrial suppliers of global supply chains;
- willingness of decision-makers and organisations in targeted areas / sectors to participate;
- assessment of potential for replication and wider adaptation in country, region.



# WaFNE Project: Target Countries

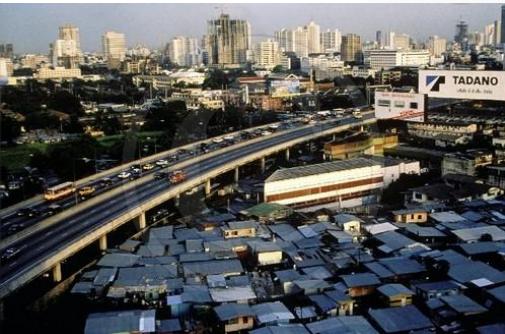
**Pilot testing & demonstrations foreseen in 6+ countries.**

**Considering project criteria, to be selected from...**

- (i) Asia: **China, India**, Pakistan, Sri Lanka, Thailand
- (ii) Africa: Algeria, Egypt, Kenya, Malawi, Morocco, **South Africa**, Tunisia
- (iii) (resources depending), also Latin America, where countries face variation internally (scarcity in some areas, abundance in others) and have internal distributional challenges: Argentina, Chile, **Mexico**, Peru
- (iv) (resources depending), also Eastern Europe, where countries face water challenges: **Ukraine, ...**



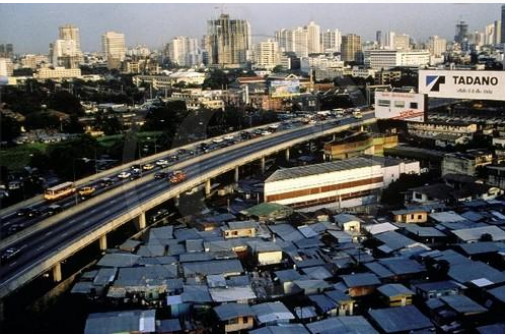
# First Activities Foreseen - Business & Industry



- **Water accounting methods (Water Accounting/ Footprint, Neutrality & Efficiency) stocktaking/ mapping exercise leading to a UN joint Global Compact/ UNEP report**
- Coordination with other initiatives around emerging trends and practice in water disclosure
  - in partnership with UNEP FI, GRI and the CEO Water Mandate
- Solicitation and Coordination of Pilot Testers
  - invitation letter soliciting CEO Mandate endorser participation in joint pilot projects with UNEP focusing on testing water accounting methods
  - emphasis on water-related supply chain engagement, capacity building and mitigation activities on the ground
- Meetings on the above and public-private engagement at the company level and in geographic locations
  - Jointly by UNEP SCP Branch, IETC & FI



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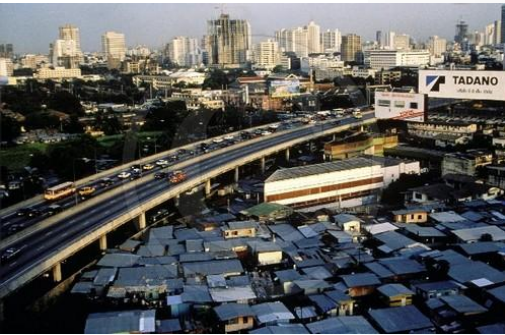


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# African Beverage Industries Water Saving Initiative (ABIWSI)

## Expected accomplishments



- Capacities of industries to implement cleaner and resource efficient production and reduce their water consumption and pollution discharge enhanced.
- Conductive policy and institutional environment that facilitates efficient water management and utilization at all levels promoted.
- An active public-private partnership that promotes efficient water utilization in African beverage industries established.



# Activities - Finance Sector

***Target group: Financial Institutions***

## **Communication Results:**

**-Ensure component in business transparency & accountability framework to effectively communicate their water performance**

## **Convene Water Efficiency Financing Group**

**Members: financial institutions, business entities & public authorities**

## **Report**

**UNEP FI & GRI – topic: Water Disclosure & its Use in the Finance Sector**



# Activities – Geographic Locations

## UNEP International Environmental Technology Centre (IETC)



***Stakeholders: citizens, government, private sector, NGOs***

**-Identify locations**

**-Convene coordination & dialogue meetings**

**-Assess Water Footprint of 3 areas:**

**Calculate water use (direct & indirect) to produce goods & services**

**Report UNEP IETC & WFN**





# UNEP “Water Accounting & Efficiency Stocktaking” Workshop

## Take away message



Let’s discuss methodologies and good practice keeping in mind that the overarching goal is to:

- **Increase water efficiency by better accounting!**



**For more information:**



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