

Managing Water Risks within the Coca-Cola system

Lisa Manley
The Coca-Cola Company

### Water Risks

There is no single water crisis – different countries, different communities & different companies face a diverse array of water risks.

# Global Risk Snapshot



2009/2010 System-wide Water Risk Summary in Manufacturing Total Water Footprint in 0.5-liter Coca-Cola; Locates Water Use in Supply Chain

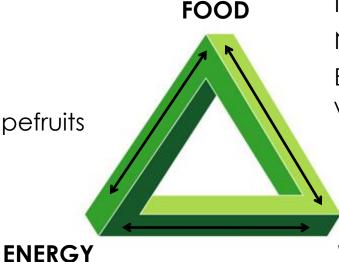
## Risks are Multidimensional & Inter-related

Largest purchaser globally of:

- ✓Sugar from cane
- ✓Sugar from beets
- √Corn syrup
- √Orange juice
- ✓Limes, lemons, grapefruits

Top 5 purchaser of:

- ✓Tea
- ✓Coffee
- ✓Apple juice
- √Grape juice



309 billion liters of water per year

Non-export business

Non-diversified

Embedded water ~70x plant water

WATER

20 million customer outlets

10 million cold drink coolers

1,000 bottling plants

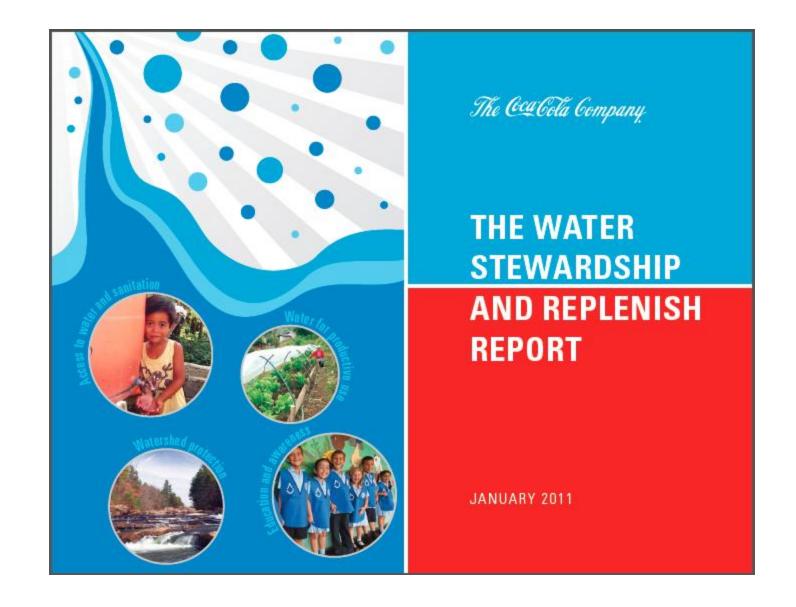
Largest fleet of vehicles

4<sup>th</sup> largest global employer

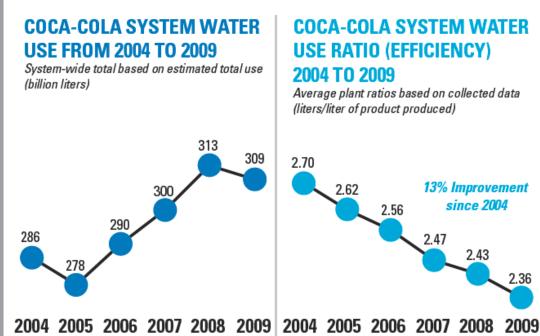
# Role of Private Sector in Addressing Water Risks

- >Steward resource wisely in direct operations
- Encourage wise stewardship in supply chain and broader value chain
- > Engage with communities where you operate
- Participate in multi-stakeholder forums with focus on government and civil society
- >Use communications and marketing to raise awareness

# Water Stewardship & Replenish Report

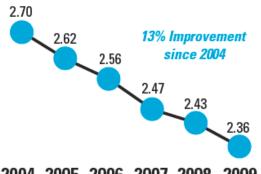


## Steward Wisely in Direct Operations



#### **COCA-COLA SYSTEM WATER USE RATIO (EFFICIENCY)** 2004 TO 2009

Average plant ratios based on collected data (liters/liter of product produced)



#### 2009 INTERNAL WASTEWATER **DISCHARGE LIMITS**

(mg/L = milligrams per liter)

Maximum Value (unless applicable legal requirements are more stringent)

5-Day Biological Oxygen Demand 50mg/L

 $6.5 - 8^{1}$ pH Level

**Total Suspended Solids** 50 mg/L

**Total Dissolved Solids** 2,000 mg/L

**Total Nitrogen** 5 mg/L

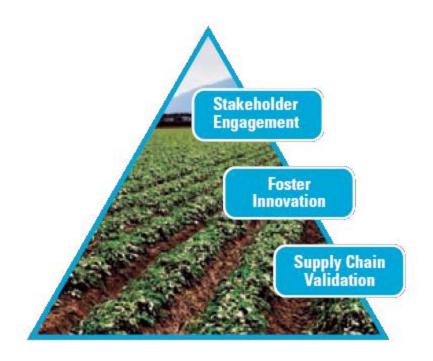
2-5 mg/L2 **Total Phosphorus** 

<sup>&</sup>lt;sup>1</sup>These are six of 20 water quality parameters established for the Coca-Cola system

<sup>&</sup>lt;sup>2</sup> Depends on receiving stream water conditions

# Encourage Stewardship in Value Chain

## Sustainable Agriculture Framework



Our current efforts focus on sugarcane, oranges and corn

# Engage with Communities



Since 2005, The Coca-Cola system has engaged in more than 320 Community Water Partnership projects in 86 countries.

# Participate in Multi-Stakeholder Forums















# Use Communications & Marketing to Raise Awareness



# A Transformational Partnership

Addressing global water challenges is of critical importance to both the World Wildlife Fund (WWF) and The Coca-Cola Company. For this reason, we have embarked on a transformative partnership to conserve freshwater resources around the world. Our work together focuses on five goals:

- 1. Conserve seven of the world's most important freshwater basins.
- 2. Improve water efficiency within the Company's operations.
- 3. Reduce the Company's carbon emissions.
- 4. Promote sustainable agriculture.
- 5. Inspire a global movement to conserve water.

Within the freshwater basins, the partnership team is addressing four central challenges to conservation: better governance and management, resource protection, balancing conservation with development needs, and conserving biodiversity.



Thank You!