

## Water insecurity - the underestimated business risk

- Climate change, ecosystem degradation, rapidly developing economies and population growth have thrown natural water cycles out of balance, provoking an alarming increase in floods, shortages and pollution in many catchments.
- With an estimated 75 % of all abstracted fresh water utilised in corporate value chains, companies are highly exposed to this threat and increasingly face conflict with other water users within their catchments. This applies especially to water-intensive industries such as beverages, mining, agriculture and energy.
- Not only can water insecurity physically impact local business operations - it may also provoke damaging regulatory responses, such as the revocation of water abstraction licences. Moreover, the company's reputation may seriously suffer, eventually impacting sales and therefore shareholder value.

## Learn more about how you can protect your business and create shared value for your stakeholders

... if your operations and supply chains depend on a secure water supply,

... if your business might be affected by water shortages, floods and pollution,

... if water security and stewardship are an important part of your corporate agenda,

### and contact IWaSP today:

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## Secure your business and tackle water risks with us



Photographs: GIZ / Till Mühlenmeister



## IWaSP - collective action for water security

- With multiple stakeholders and complex causes, only joint efforts of public authorities, the private sector and communities can break the downward spiral of water insecurity.
- In this quest, the International Water Stewardship Programme (IWaSP) forges powerful public-private-civil society alliances to lever local insight and resources, while mobilising the right stakeholders for effective action.
- IWaSP is managed by the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ), on behalf of the German Federal Ministry for Economic Cooperation and Development (BMZ), and the UK Department for International Development (DFID). It builds on over 40 years of GIZ's experience in improving water security across 80 countries.
- IWaSP utilises its *Water Risk and Action Framework*, a proven five-phase-process, which ensures high quality partnerships that deliver accelerated and sustainable results to benefit businesses, communities and government.

### 1

#### Prepare

As an honest broker and facilitator, IWaSP mobilises all relevant stakeholder groups and builds common objectives. It conducts a detailed stakeholder and institutional analysis to help develop a sustainable intervention strategy.

### 2

#### Assess

IWaSP leverages GIZ's unparalleled water sector expertise to assess water risks and opportunities, followed by a strategic cost/benefit analysis to identify the most viable short, medium and long term solutions.

### 3

#### Commit

IWaSP supports the development of compelling business cases, coupled with realistic modes of delivery, to secure the commitment of critical public, private and civil society actors for action.

### 4

#### Act

IWaSP can strengthen the capacities of all involved parties to implement by providing coaching and advice. Moreover, IWaSP establishes a monitoring process to measure project progress and impacts.

### 5

#### Scale & Exit

IWaSP empowers local stakeholders to take over and sustain the success of the project, and potentially scale or replicate it in other locations.

## At a glance: example projects

- IWaSP runs more than a dozen partnerships across Kenya, Uganda, Tanzania, Zambia, South Africa and the Caribbean. It works with a wide diversity of industries, including agriculture, beverage, insurance, manufacturing, energy and mining.

### River Rwizi, Uganda

- Upstream wetland destruction is causing an increase in floods and water shortages, threatening businesses and communities in the city of Mbarara.
- IWaSP has forged a public-private partnership with the Coca-Cola System, the Ministry of Water and Environment and other stakeholders to reverse this threatening trend.
- The public-private alliance has identified and is addressing the key factors to restore water security in this catchment.
- Results so far: 160ha of protected wetland, 220 farmers trained in better practices, and improved livelihoods for 1,600 people since project start in late 2013.

### Lake Naivasha, Kenya

- Rapid economic and population growth are causing pollution and over-abstraction of water from the Lake Naivasha Basin. This results in an increasing degradation of the ecosystem, water shortages and conflicts amongst different water users, such as flower farmers, pastoralists and farming communities.
- IWaSP is facilitating a multi-stakeholder partnership between the affected groups, including UK supermarkets and their local suppliers, Kenya's Water Resources Management Authority and 12 Water Resources User Associations. These actors are now jointly tackling the causes of the shared threats.
- Results so far: 15,65ha of restored riparian zone with over 150,000 seedlings planted; 4 dams were restored; 4 roof water harvesting constructions were set up; and a common intake was installed to create a sustainable water supply for several communities.