Partnering for Water Stewardship

An introduction

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IWaSP

Quick profile GIZ

giz Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

IWaSP

- GIZ promotes international cooperation for sustainable development and international education work
- 100% owned by the Federal Republic of Germany
- Mandated for Capacity Development by the German Government
- A public-benefit, non-profit company
- Strong local presence with offices in 90 countries and projects in currently 130 countries
- GIZ employs more than 17.000 staff mainly local members worldwide
- Access to Germany‘s technical know-how via its well-established partner network

What is Water Stewardship?

Stewardship:

taking care of a resource that we do not own but that is important to us.

Management of water resources:

- Common pool resource
- Risk = motivation
- Care = activities

Shared water risks

Governments

Businesses

Societies

Water losses

Water quality deficits

Water Scarcity

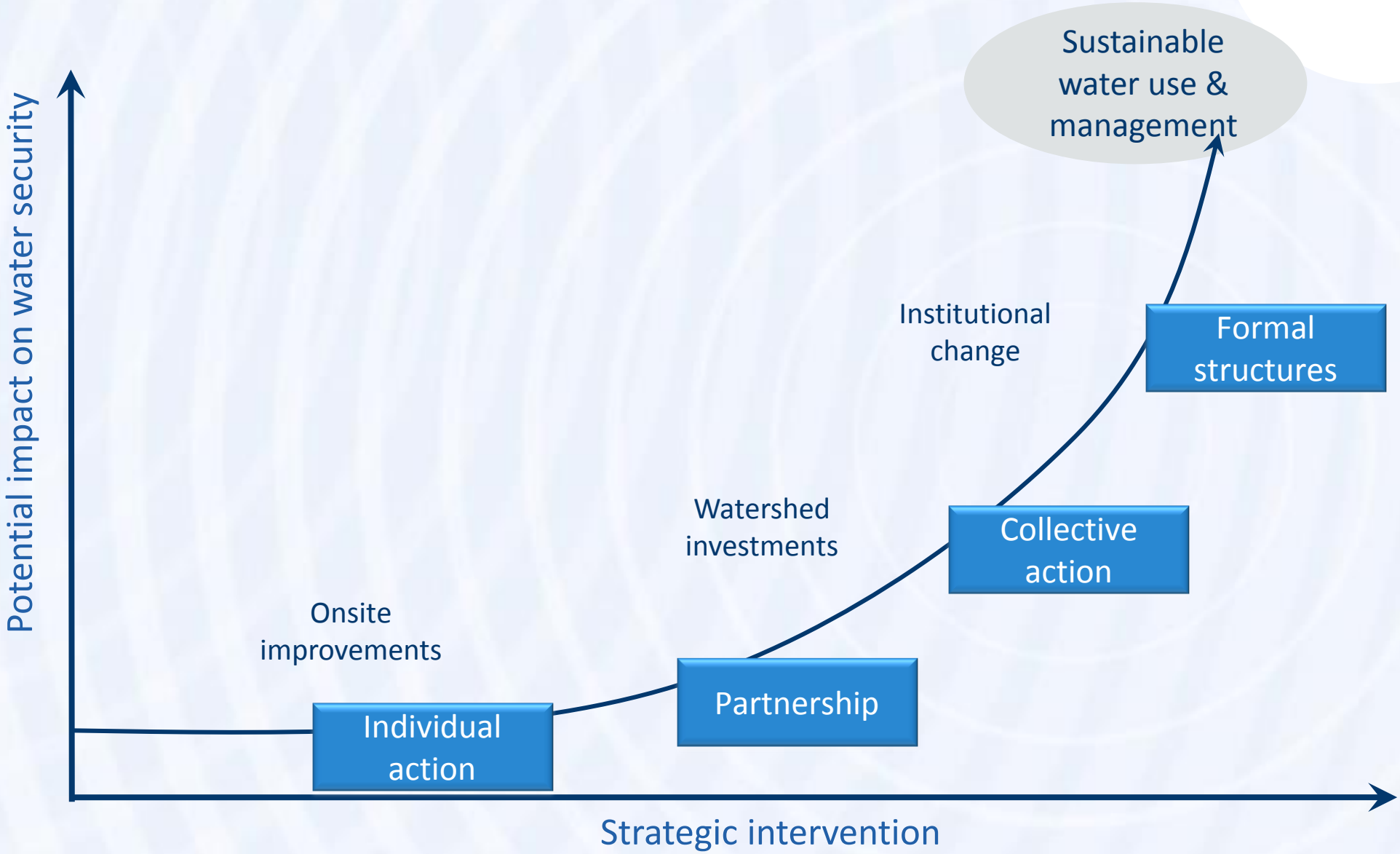
Weak capacity

Infrastructure development

Adaptive management

Lack of data

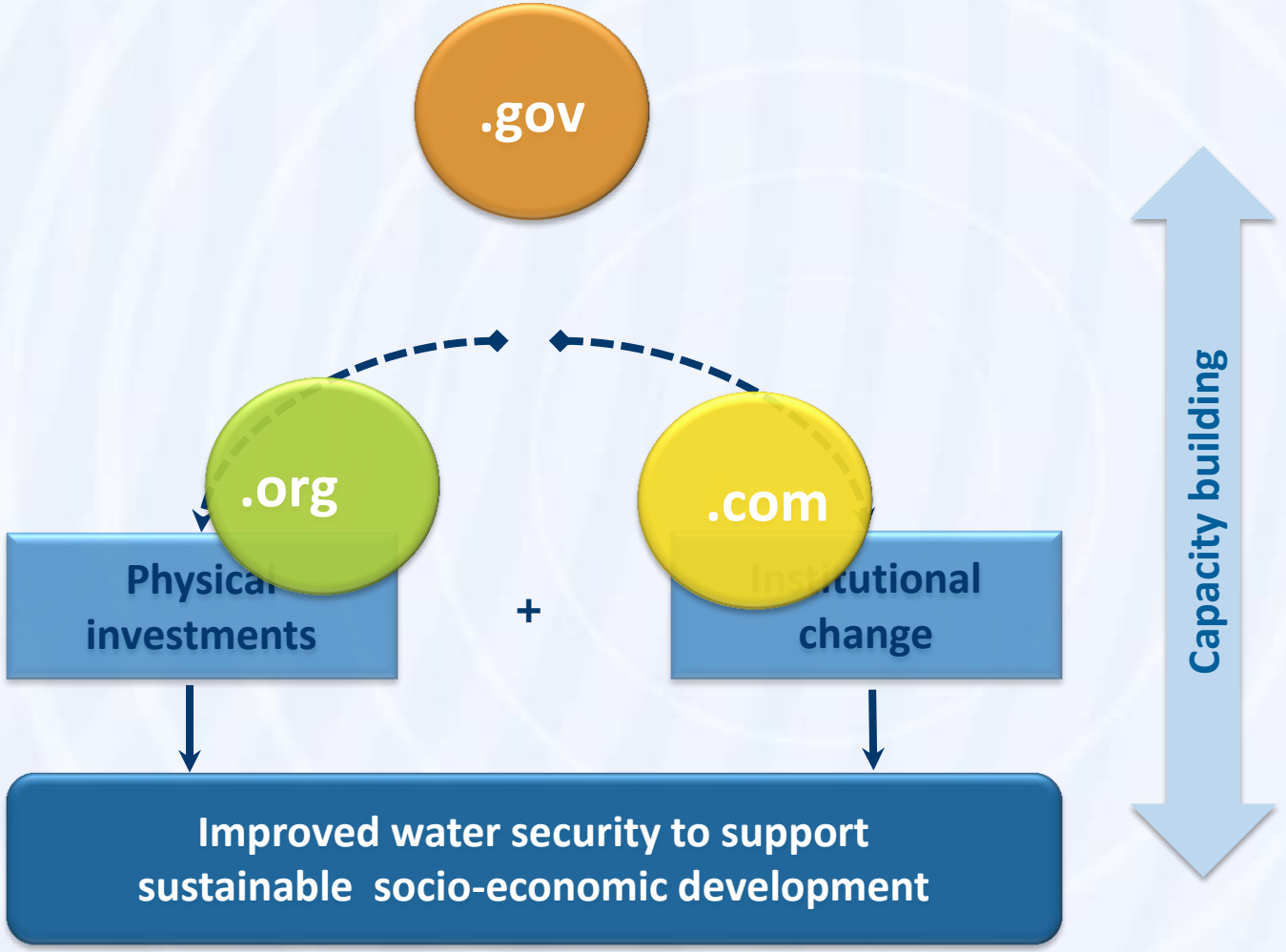
Business response to risk

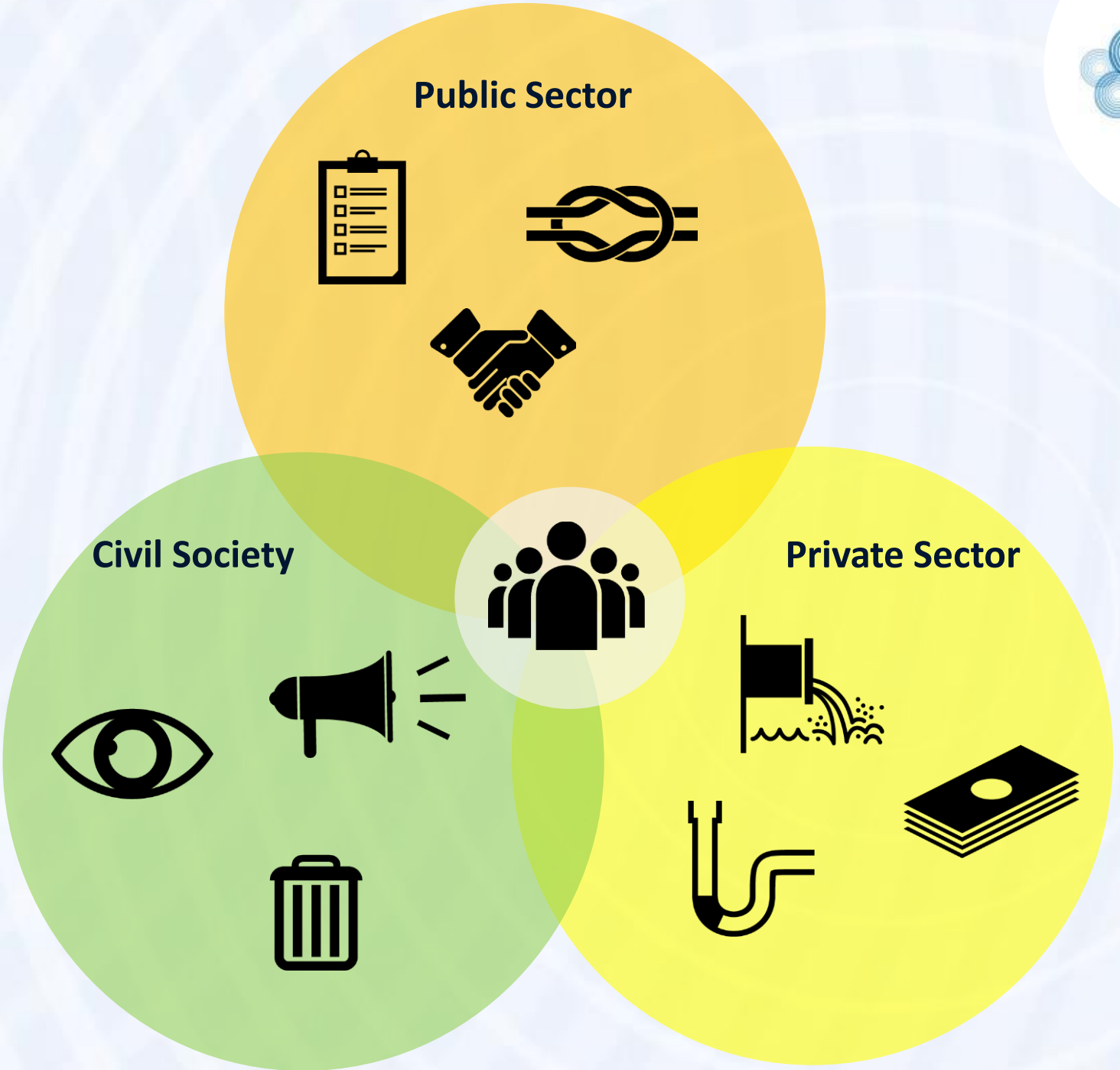


Partnering in Water Stewardship

STEPS

1. Convening, assessing risk & building partnerships
2. Developing & implementing risk management plans
3. Monitoring & adapting
4. Embedding & scaling




Public Sector
Civil Society
Private Sector

What are the challenges in water stewardship partnerships?

- Securing commitment, trust
- Securing funding – buy-in of investors
- Managing internal risk constraints
- Stakeholder interaction – different role players & interests
- Managing operating principles in the companies – get own house in order
- Sustain measures long-term – plan beyond partnership duration

Pillars for WAPs

Capacity

Clear roles and responsibilities

Ownership (according to role/responsibility/level of engagement)

Shared activities; shared results and outcomes

Collectively develop, implement &monitor project plans

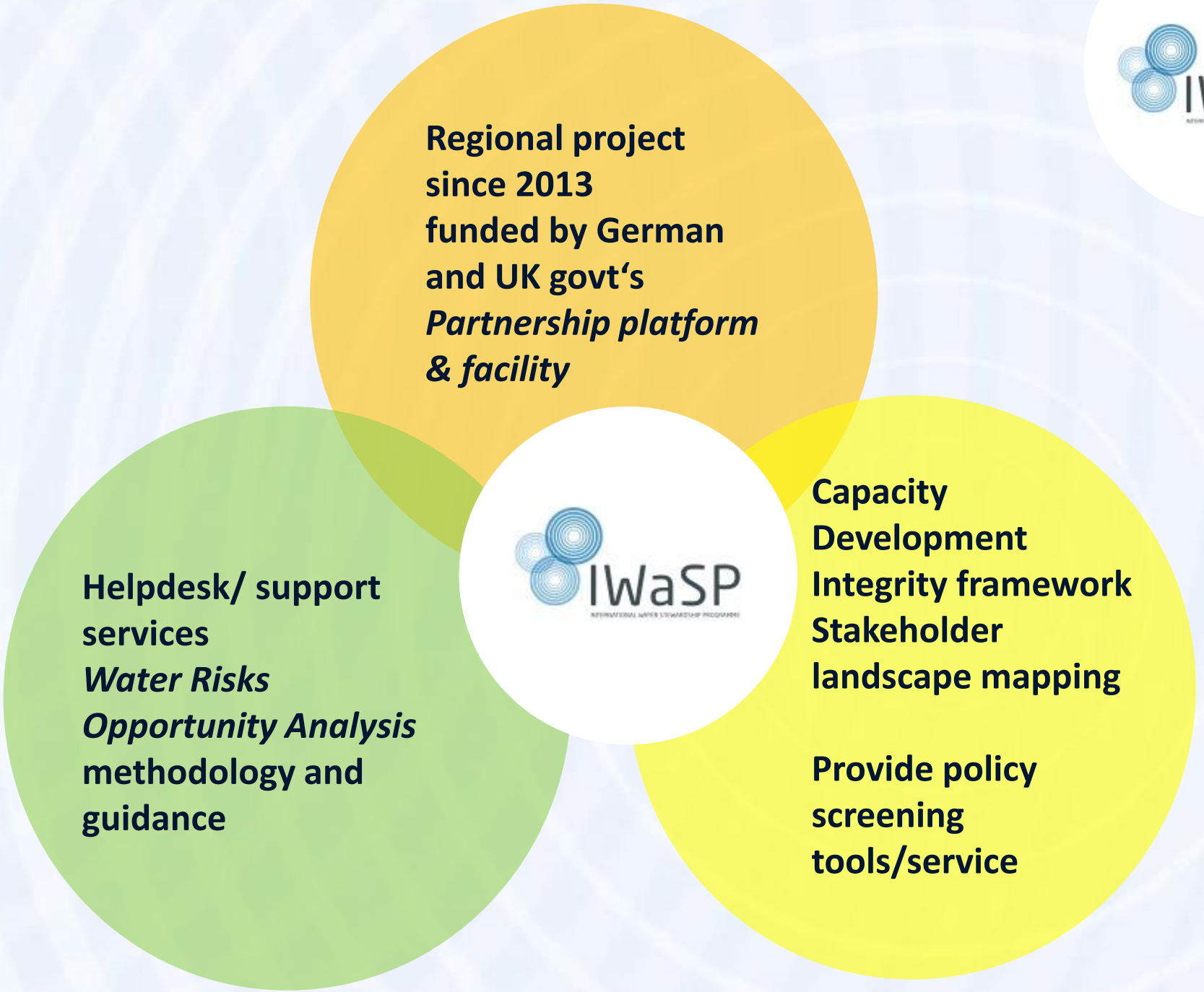
Ensure funding and political support

Capacity to perform tasks in Water stewardship

Capacity to partner

Pillars for WAPs

Capacity	Integrity
Clear roles and responsibilities	Trustworthy, credible, and accountable partners
Ownership (according to role/responsibility/level of engagement)	Inclusive, transparent, and responsive processes that lead to informed and balanced decision-making
Shared activities; shared results and outcomes	Clear objectives and demonstrable outcomes that advance sustainable water management
Collectively develop, implement &monitor project plans	Manage reputational risks
Ensure funding and political support	


Regional project
since 2013
funded by German
and UK govt's
Partnership platform
& facility
Helpdesk/ support
services
Water Risks
Opportunity Analysis
methodology and
guidance
IWaSP
Capacity
Development
Integrity framework
Stakeholder
landscape mapping
Provide policy
screening
tools/service

Case Studies from South Africa

Reducing demand on the Vaal River System, Emfuleni, South Africa

Challenge

- Full economic allocation of water in Vaal River system
- Sasol relies on 4% of river yield and is concerned about future water security
- Government sets Sasol rigorous on-site water efficiency targets
- Opportunity: upstream municipal water losses are excessive (e.g. Emfuleni > 44%)

EMFULENI LOCAL MUNICIPALITY

sasol reaching new frontiers

giz Australian AID UKaid

Partnership activities

1.

Install bulk water meters

2.

Repair visible leaks

3.

Retrofit plumbing (public buildings + 70,000 homes)

4.

Education & awareness campaign (53 schools + 100.000 homes)

Results by June 2014

- Donor funds: R 5 m; Sasol funds: R 5 m; municipality: ca. R 17 M
- Reduced of abstraction from Vaal catchment of about 7 million m^3/a
- About 400,000 people will benefit from a more reliable access
- R 37 cumulative cost savings for municipality
- Job creation in water-related services: plumbers; water warriors

Reducing water risks in the George/Oudtshoorn hops-growing region of South Africa

german cooperation
DEUTSCHE ZUSAMMENARBEIT

Implemented by:
giz Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

SAB The South African Breweries Limited

WWF®

environmental affairs
Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

Challenge

- George/Oudtshoorn area in Western Cape – severely water stressed area
  - Expanding agricultural activities and towns in Waboomskraal and Herold River catchments
  - Climate change

- Large hops-growing area – main source of hops for SAB
  - Supply chain risk

Partnership activities

First phase GIZ, SAB and WWF partner to assess water risks for SAB's supply chain in catchment

- > 4 500 ha invasive alien tree species main threat
- Groundwater extraction
- Coordination of integrated water resources management

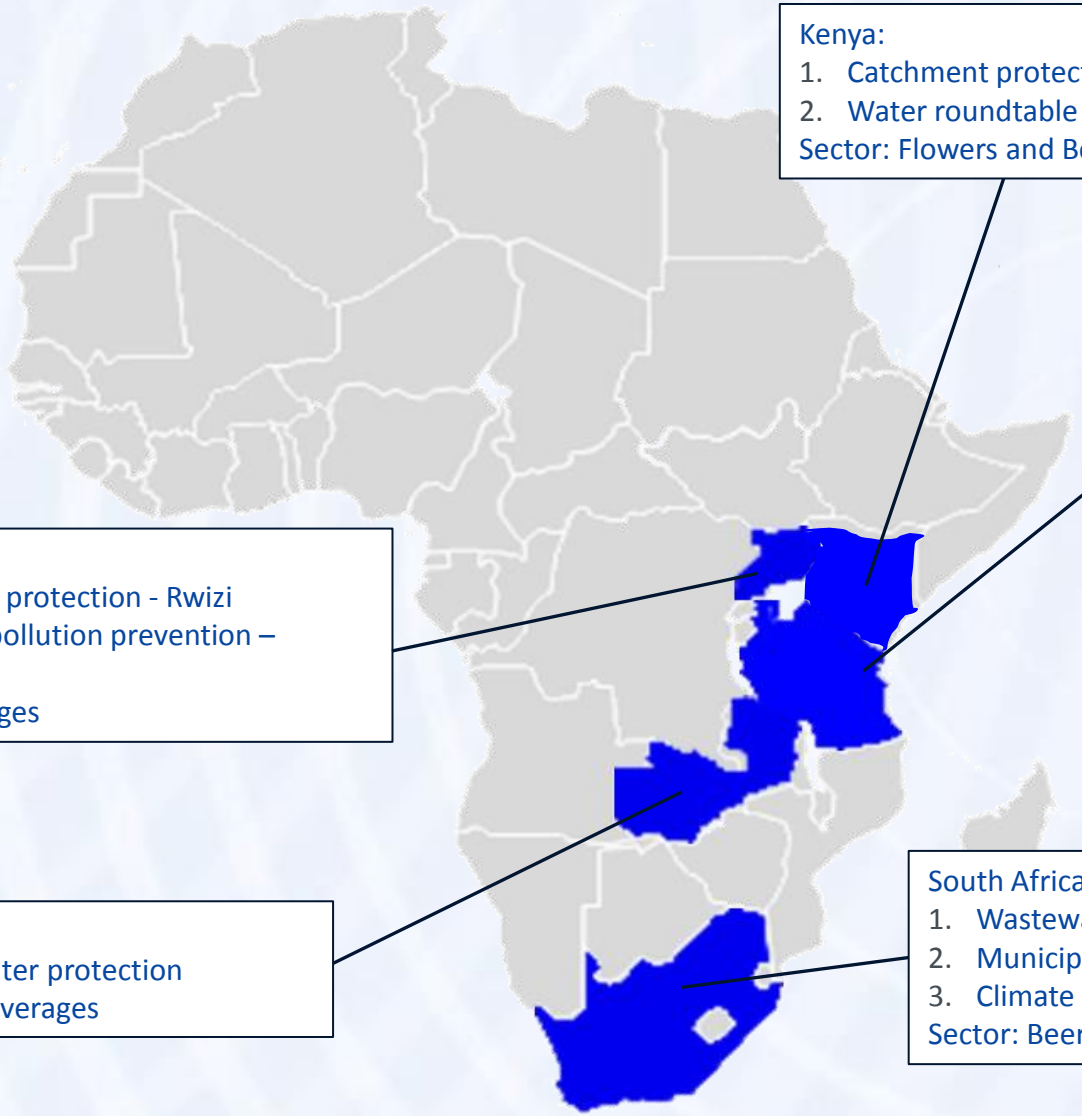
Second phase : 2014 – 2016

Combined up-front investment of **€200 000 from SAB and GIZ** unlocked **€400 000 from DEA** to clear invasives on SAB's farms and their suppliers' farms

Expected outcomes by 2016

- Extensive alien invasive clearing on SAB supply chain farms **and beyond**
- Successful rehabilitation of riparian areas
- Commitment by farmers to continue clearing after initial activities
- Well-established coordination structure for integrated water resources management
- Increased data capturing of groudwater extraction for monitoring

GIZ's Water Stewardship Initiatives in Africa



Kenya:
1. Catchment protection - Naivasha
2. Water roundtable – Nairobi

Sector: Flowers and Beverages

Tanzania:
River restoration – Dar es Salaam
Sector: Beverages

Uganda:
1. Catchment protection - Rwizi
2. Industrial pollution prevention – Kampala

Sector: Beverages

Zambia:
Source water protection
Sector: Beverages

South Africa/ SADC:
1. Wastewater treatment infrastructure
2. Municipal water loss reduction
3. Climate resilient supply chains

Sector: Beer, Chemical, Agriculture

Final thoughts

1. Convening, assessing risk & building partnerships
2. Developing & implementing risk management plans
3. Monitoring & adapting
4. Embedding & scaling

Thanks for your attention!

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