

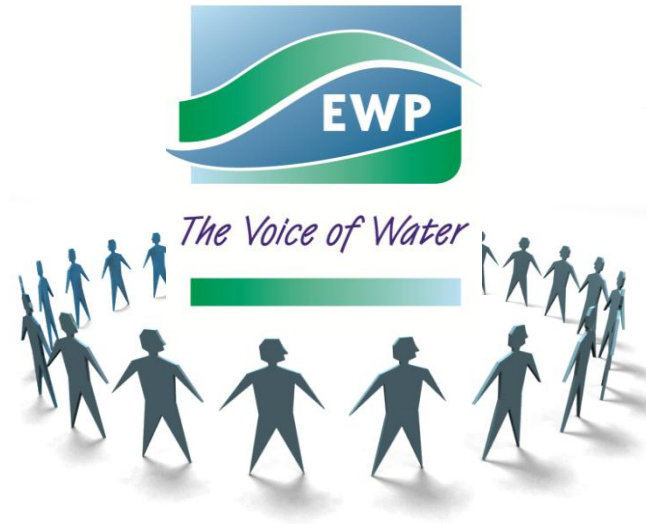


Engaging private sector in sustainable water management

European Water Partnership (EWP)

“Independent and value based non-profit organization structured as an open and inclusive member association”

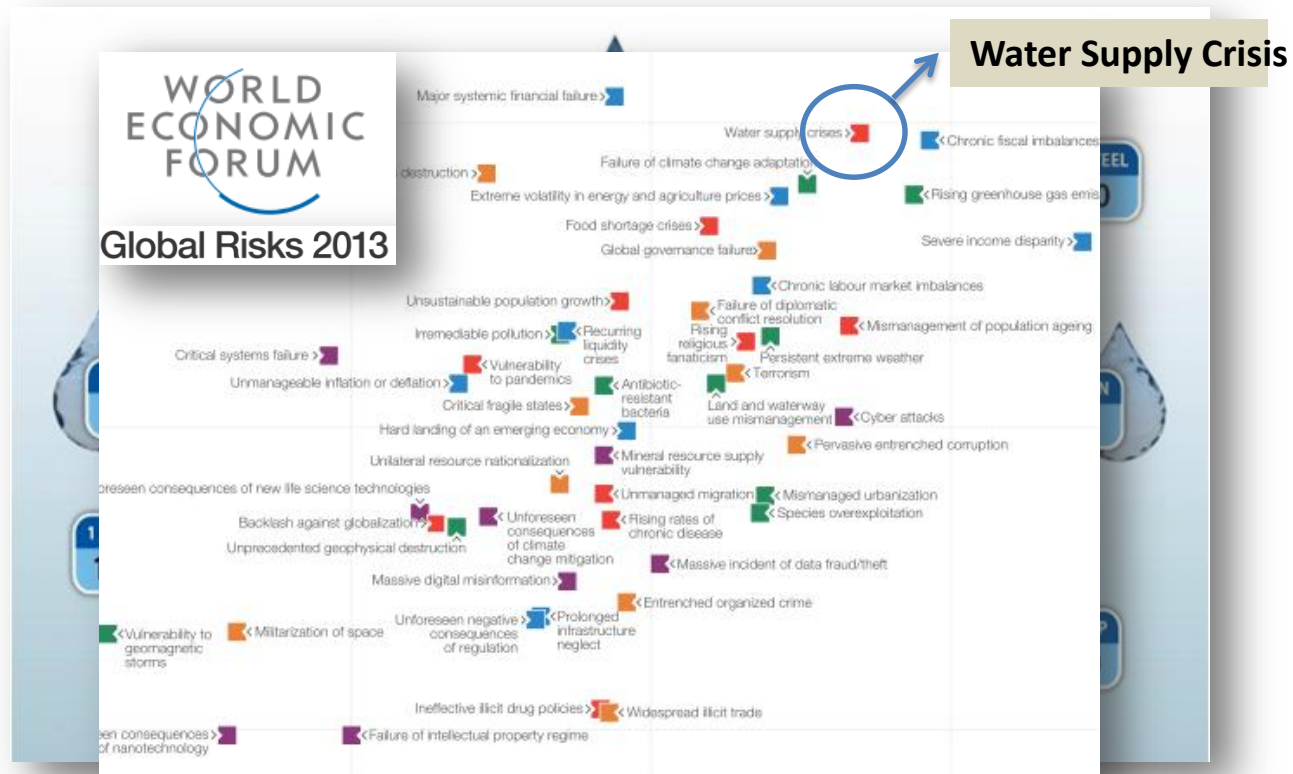
- Private business
- NGOs
- Research Institutions
- Institutional partners



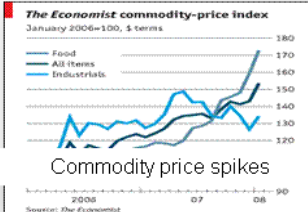
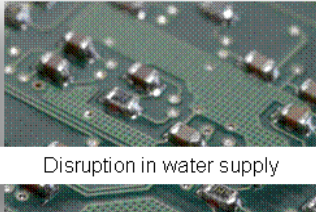



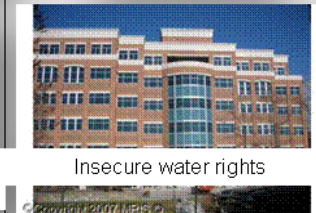





- Engaging private sector: What changed? -

What changed? Footprint to Risk



Matrix of water-related risks

Point of impact:	Supply chain	Production process	Product use
Type of risk:			
Physical	 <p>Commodity price spikes</p>	 <p>Disruption in water supply</p>	 <p>Scarcity limiting sales</p>
Regulatory (+ litigation)	 <p>Water quality standards constraining power generation</p>	 <p>Court settlement to scale back operations</p>	 <p>Insecure water rights</p>
Reputation	 <p>Multinationals' suppliers singled out for violations</p>	 <p>Competition with social uses</p>	 <p>Profligate water use</p>

Example: Investors – CDP report 2013



70% report exposure to one or more water-related risks that could substantively affect their business

Two thirds of risks expected to impact both direct operations (65%) and supply chains (62%) are anticipated to materialize now or within the next five years.

Only 6% of have targets or goals for community engagement, 4% for supply chain, 3% for watershed management, 1% for transparency, and no respondents set concrete targets or goals around public policy



- Engaging private sector: Water Stewardship -

Dealing with Water Risk

SHARED Risks

1. PHYSICAL



2. REPUTATIONAL

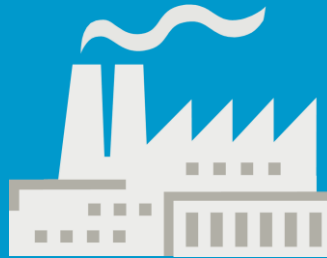


3. REGULATORY



River Basin

Site



SHARED Opportunities

1. COMMUNICATION



2. ENGAGEMENT



3. IMPROVEMENT



SUSTAINABLE MANAGEMENT of water sources

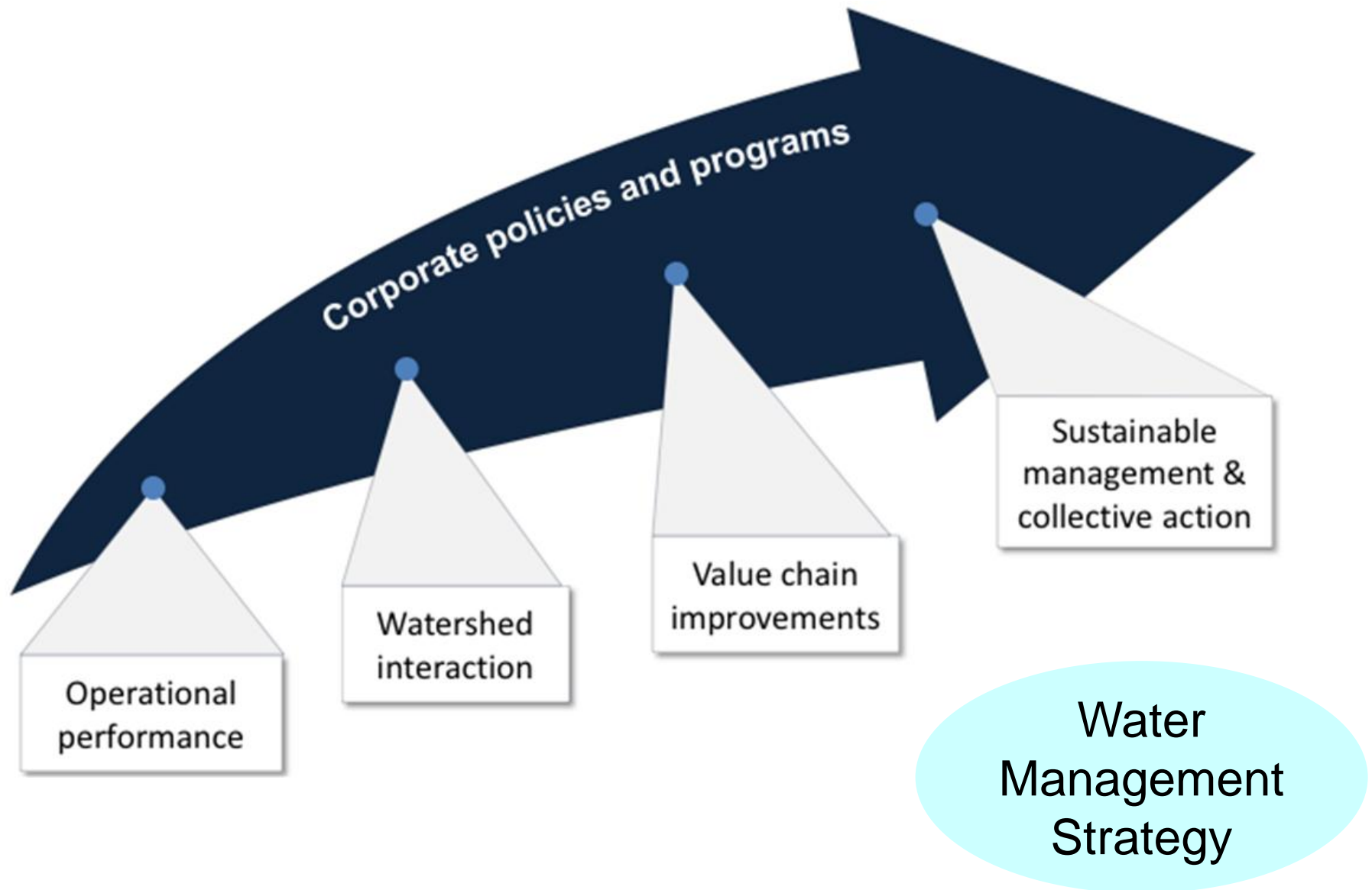
Long-term ECONOMIC ROBUSTNESS



Water Stewardship definition

*“The use of water that is **socially equitable**, **environmentally sustainable** and **economically beneficial**, achieved through a **stakeholder-inclusive process** that involves site- and **catchment-based actions**. Good water stewards understand their own water use, catchment context and **shared risk** in terms of water governance, water balance, water quality and important water-related areas; and then engage in meaningful individual and **collective actions** that benefit people and nature.”*

Water Stewardship process

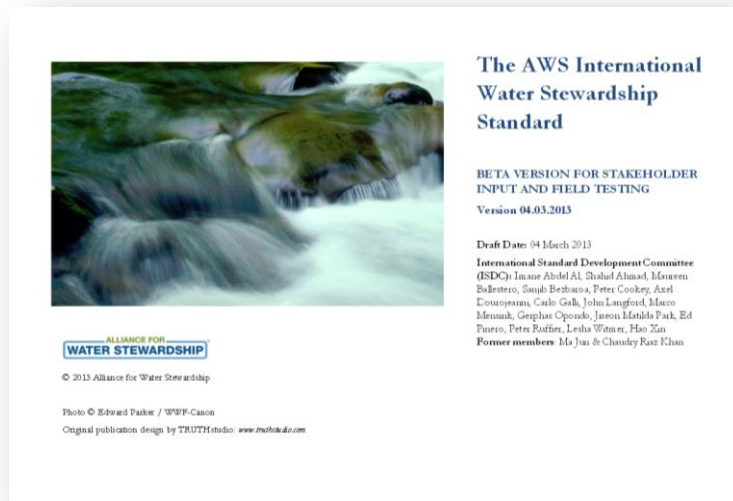




- AWS/EWS Standard -



Our global standard (AWS)



Regional initiatives



+ Board Organisations



- EWS is the recognised regional initiative for the global AWS
- Represented on the AWS Board of Directors



Who we work with



CONTROLS UNION CERTIFICATIONS
Members of Controls Union World Group



desirās



European Environment Agency



EWS communication

[EWS Video](#)





EWS structure

European Water Stewardship (EWS)

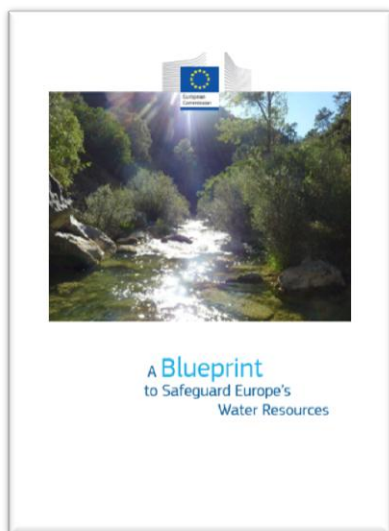
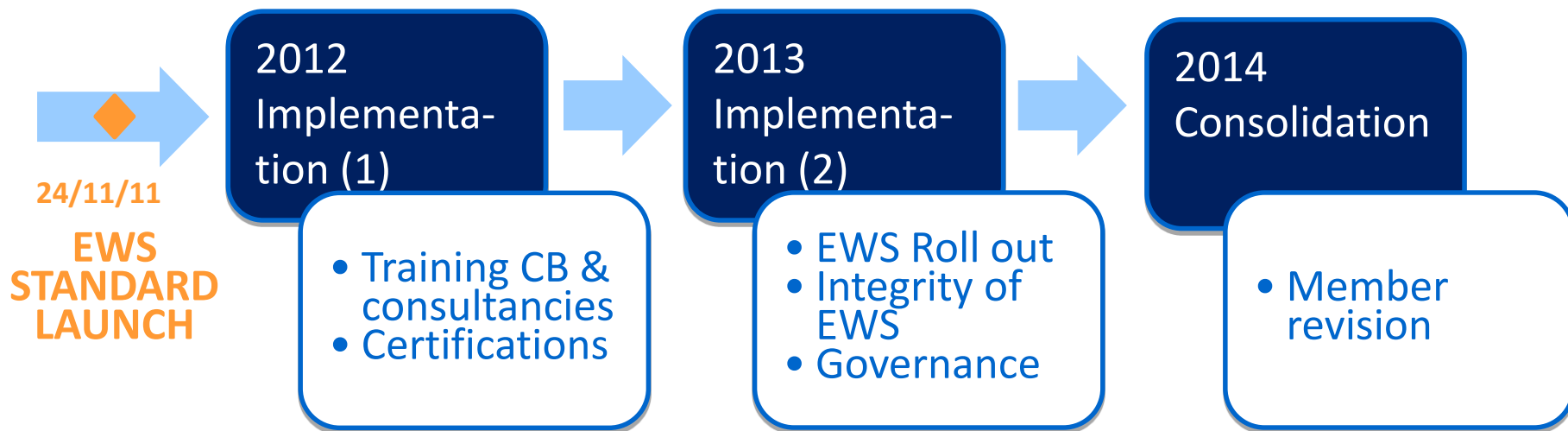
EWS
standard

+ Glossary
+ Guideline

Inspection
and
Certification

Consultancy

Standard development



“The European Water Stewardship (EWS) provides water users in agriculture and industry with an integrated system to develop concrete and optimal response strategies towards sustainable water management”

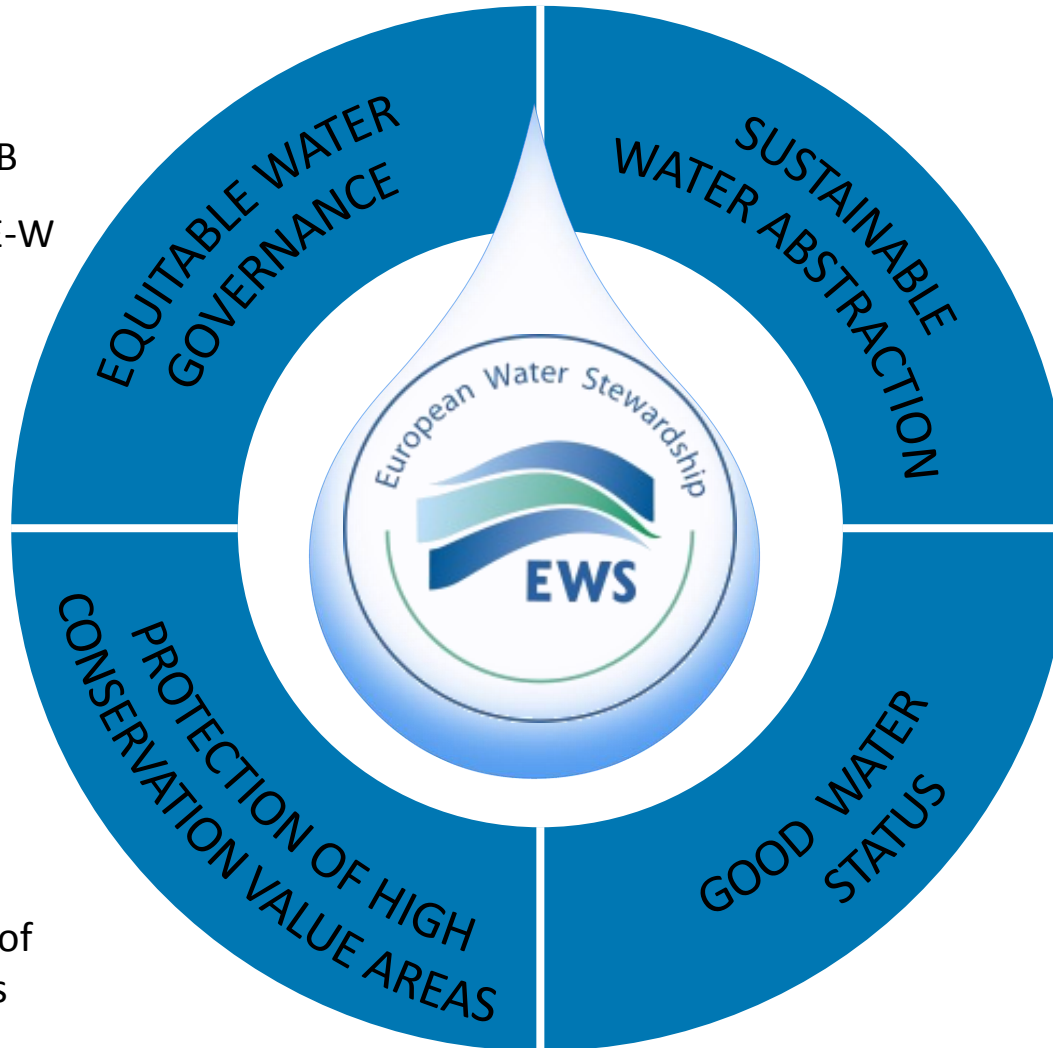
Dr. Janez Potocnik, European Commissioner, Environment



European Water Stewardship (EWS) Standard

- ✓ Site-corporate communication
- ✓ Engagement in RB
- ✓ Optimization of E-W link

- ✓ Assess impacts on HCV areas
- ✓ Ensure protection of ecosystem services

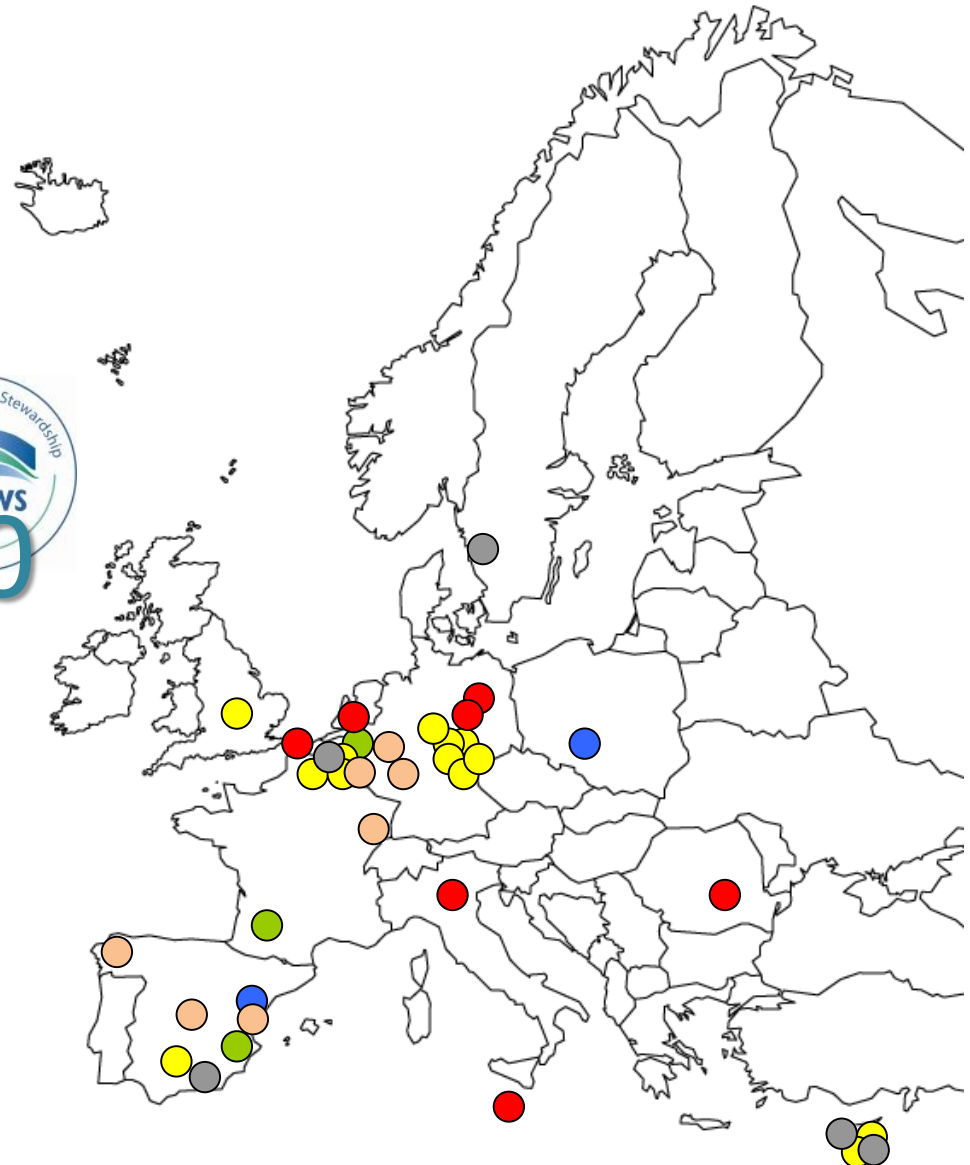


- ✓ Clear knowledge of water availability
- ✓ Mitigate impacts on sources
- ✓ Adjust abstraction and discharge

- ✓ Ecological and chemical status
- ✓ WFD Specific Pollutants and Priority Substances
- ✓ Understanding impacts and influences

EWS Experience

-  Industry (chemical & paper)
-  Food and beverage industry
-  Agriculture
-  Golf
-  Urban Areas
-  Airports



Dongen, The Netherlands. Beverage industry.



Ploesti, Romania. Beverage industry.



Tarragona, Spain. Chemical Industry.



Chaudfontaine, Belgium. Beverage Industry.



Benefits of a Water Stewardship Standard



IDENTIFY AND RESPOND to local water risks and gaps



IMPLEMENT a Water Management Strategy



ANTICIPATE AND COMPLY with local water regulation



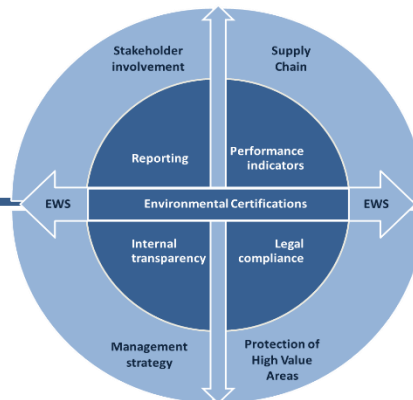
BUILD TRUST with local supply chain and authorities



COMMUNICATE performance to consumers and investors

Testimonials

- 'An important tool for communicating 'good work done' in water management'
- 'Brings together range of activities relating to water and reflects the complexity of water management'
- 'Supports sites to respond to water risks identified within an ISO14001 audit'
- 'Allows companies to anticipate future regulation and to comply with a changing regulatory environment'
- 'EWS helps site to identify and mitigate water-related risks- from both production site operations and external water suppliers and sources'





- Will it work in developing countries context?-

Beta AWS Standard: applications

22

USA / Canada:

**Cement, power,
pulp & paper, oil &
gas**

**Mexico:
Beverage**

**Peru:
Export
agriculture**

**Brazil:
Water utility**

Europe:

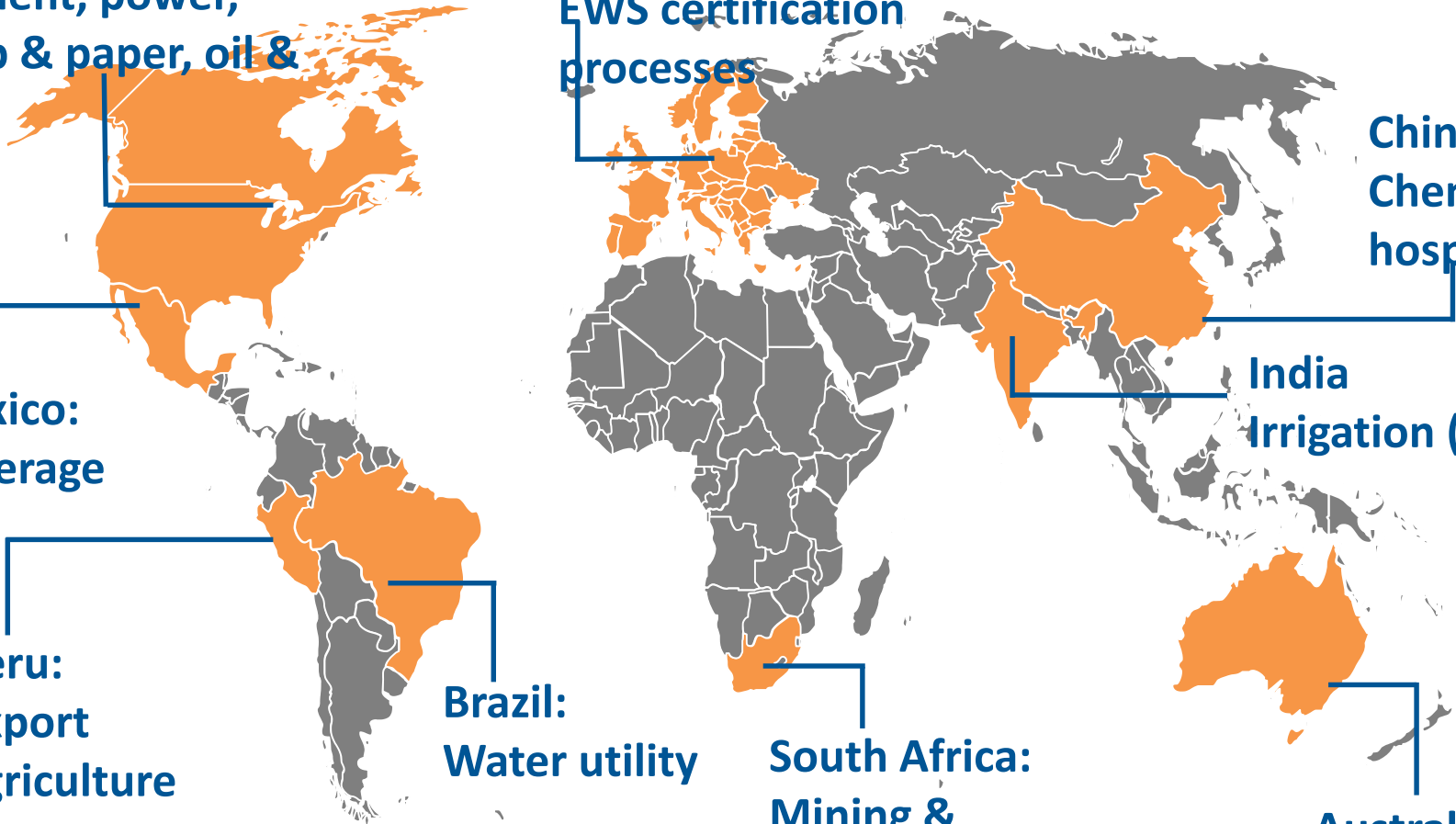
**EWS certification
processes**

**China:
Chemicals &
hospitality**

**India
Irrigation (PIM)**

**South Africa:
Mining &
agriculture**

**Australia:
Food
processing**



“IWRM and Conjunctive Use of Water in the Command Area of Water Scarce Irrigation Systems of North Gujarat”

Testing the AWS Standard with “sujal samittees in command areas of 3 irrigation systems

- Dharoi, 45000 ha
- Mazum (Mahesana), 4700 ha
- Guhai (Sabarkantha), 7100 ha
- Total 24 villages



Implemented by Development Support Centre
Supported by Hindustan Unilever Foundation

Issues being addressed

- Water scarce districts
- Inadequate supply from surface irrigation
- High water consumption = ground water depletion

AWS-specific objectives

- Understand if AWS Standard can inform village-level water governance
- Understand the potential of AWS Standard to inform PIM
- Inform development of Standard and verification system



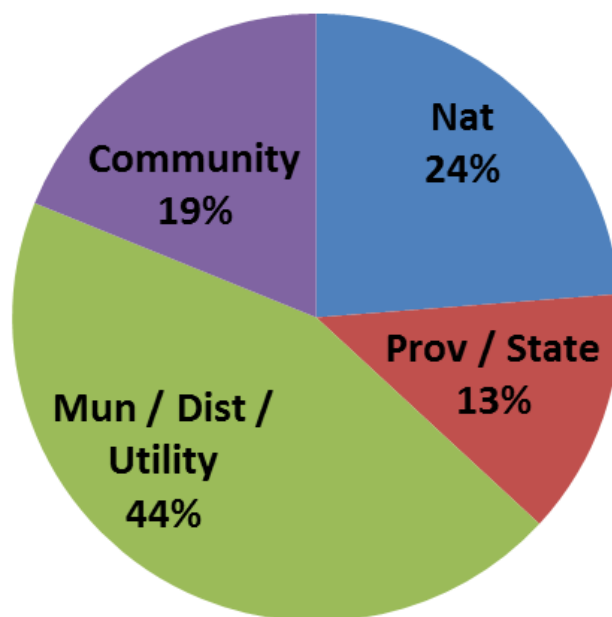
Selected learning outcomes to-date

- Community recognition of the importance of stewardship
- Communities are viable as unit of certification
- Challenges in uniform interpretation of criteria – need context-specific guidance material
- Potential to link to other certification schemes, e.g. BCI
- Need for capacity-building

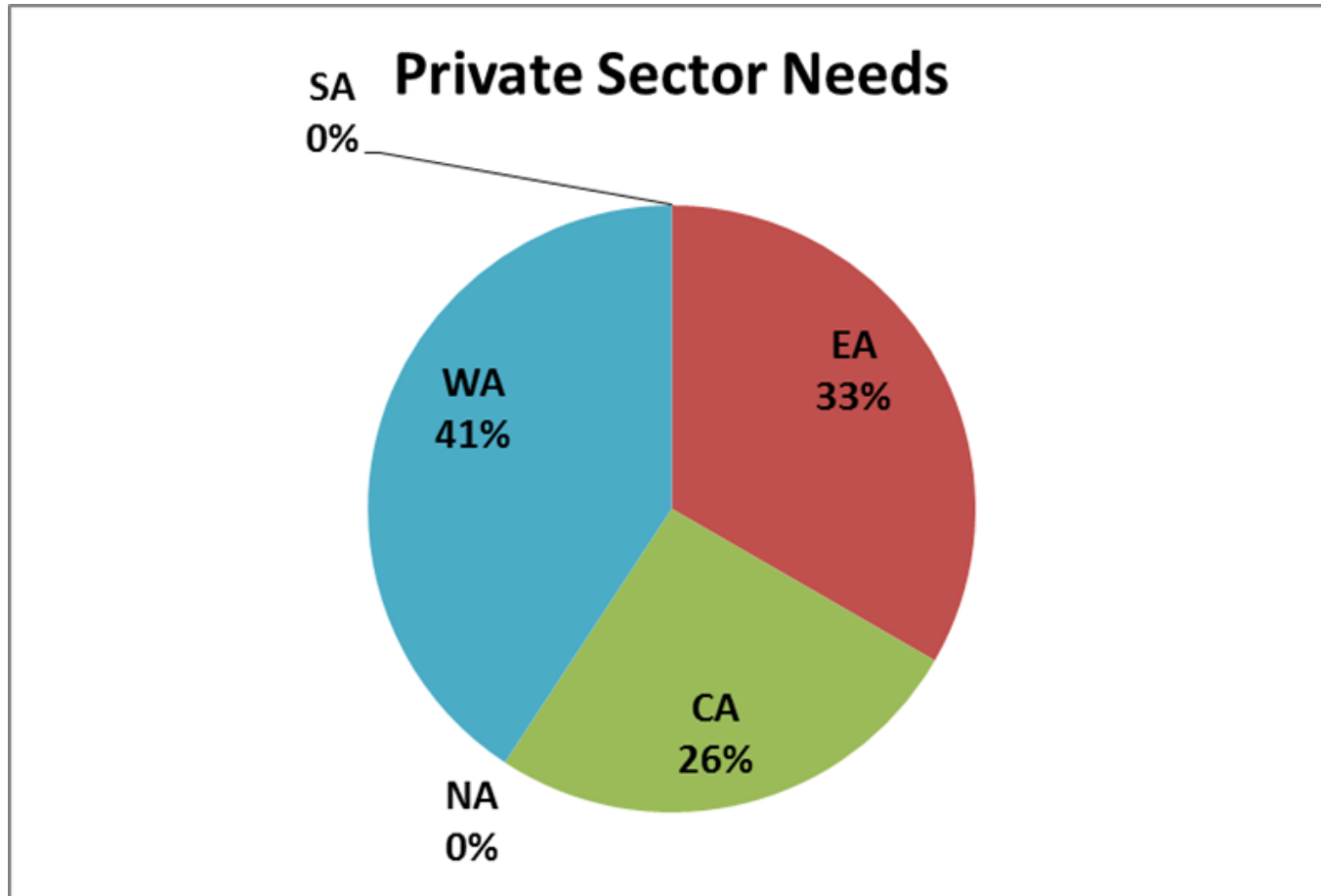


Africa Water Sector Challenges

Levels of Institution Needs



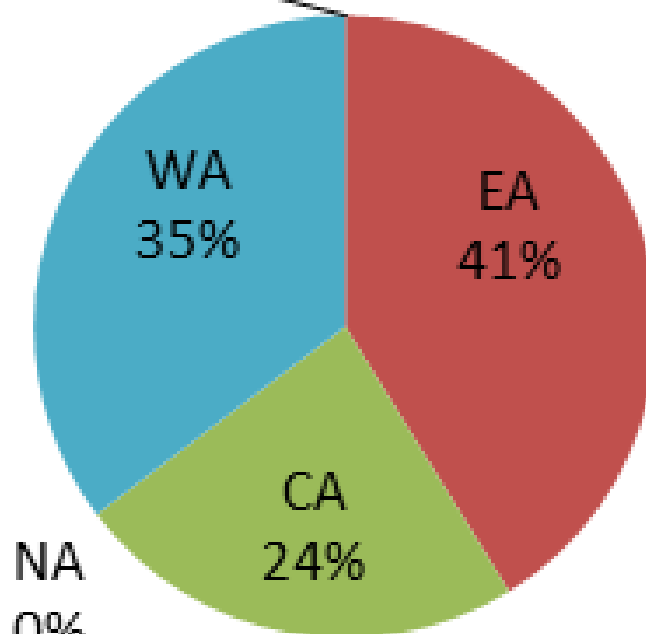
Africa Water Sector Issues



Africa Water Sector Issues

SA Finance Absorption

0%



NA
0%

