# Presentation from 2016 World Water Week in Stockholm

www.worldwaterweek.org

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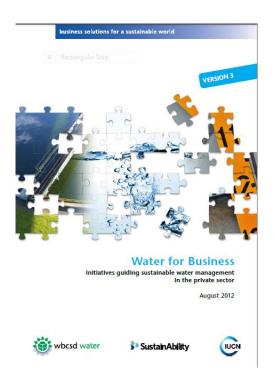




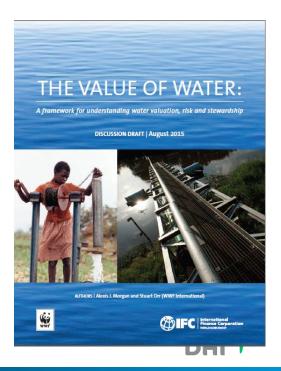
"From water management to water stewardship"
Stockholm World Water Week 2016 Seminar



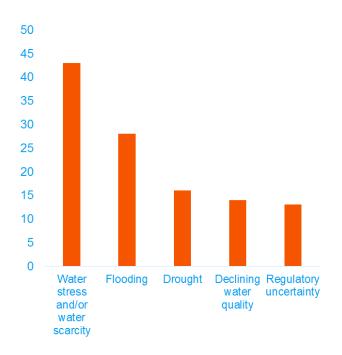
# Overview of water risk assessment and water valuation tools for corporate water management







#### Top water risk drivers



Physical water risks are perceived as the major water risks

- Regulatory uncertainty is relatively low but still in top 5
- Reputational water risk is not covered in CDP survey

Source: CDP Global Water Report 2014



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#3

#### Are we short of tools?

Reporting/ disclosure initiatives

Water Assessment

**Water Risk** 

Water Valuation

Water Stewardship



The CEO Water Mandate

CORPORATE WATER DISCLOSURE GUIDELINES
Toward a Common Approach to Reporting Water Issues



Growing Blue







GEMI

POWERED BY Ecolab and Trucost







The True Cost of Water



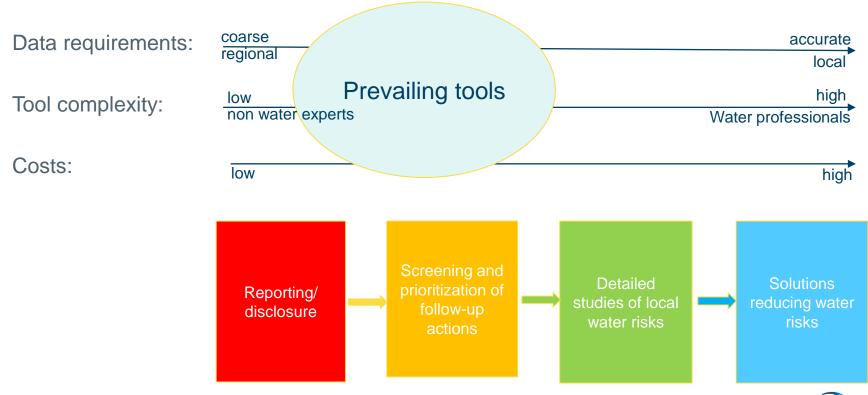








## Tools – from analysis to solutions

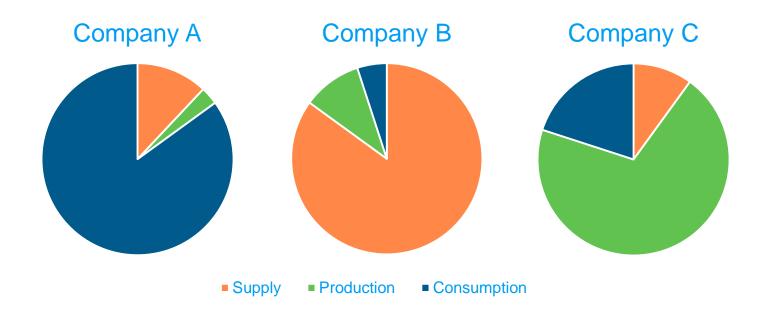


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# Water use in the value chain and choice of relevant solution tools





## Solution tools in existence but less in demand by business

- ➤ Tools for early warning and forecast of floods and droughts (facility and value chain specific)
- ➤ Tools for scenario analysis of water resources availability and optimization at river basin scale
- > Tools for eco-efficiency analysis of industrial water systems
- > Tools for integrated proces optimization of water, energy, and resource flows ("inside the fence")



## Few final reflections to support successful business outcome

#### Corporate policies

- Responsible business should be a prime advocate of proper water pricing
- Water footprints are "local" and stewardship initiatives should be attached to the same localities
- Business should do more to scale their water stewardship initiatives beyond the show case level

#### Need for new tools

- Industry specific benchmarking tools for resource efficient production ("inside the fence")
- Comprehensive water valuation tools that incorporate risk and uncertainty at facility and basin level
- Corporate business case tools that systematically address sustainability issues
- Reputational risk tools?



## Thank you for your attention!

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