



Presentation from  
**2016 World Water  
Week in Stockholm**

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# CIRCULAR ECONOMY as GROWTH BOOSTER

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# Circular Economy & Blue Shared Value Opportunities



# True Cost of Water for an industrial site : Cumulative financial impacts related to water

100 M\$/y

4

**MISSED OPPORTUNITIES**

140 M\$/y

3

**RISKS IMPACTS**

*Mitigation, resilience, robustness*

30 M\$/y

2

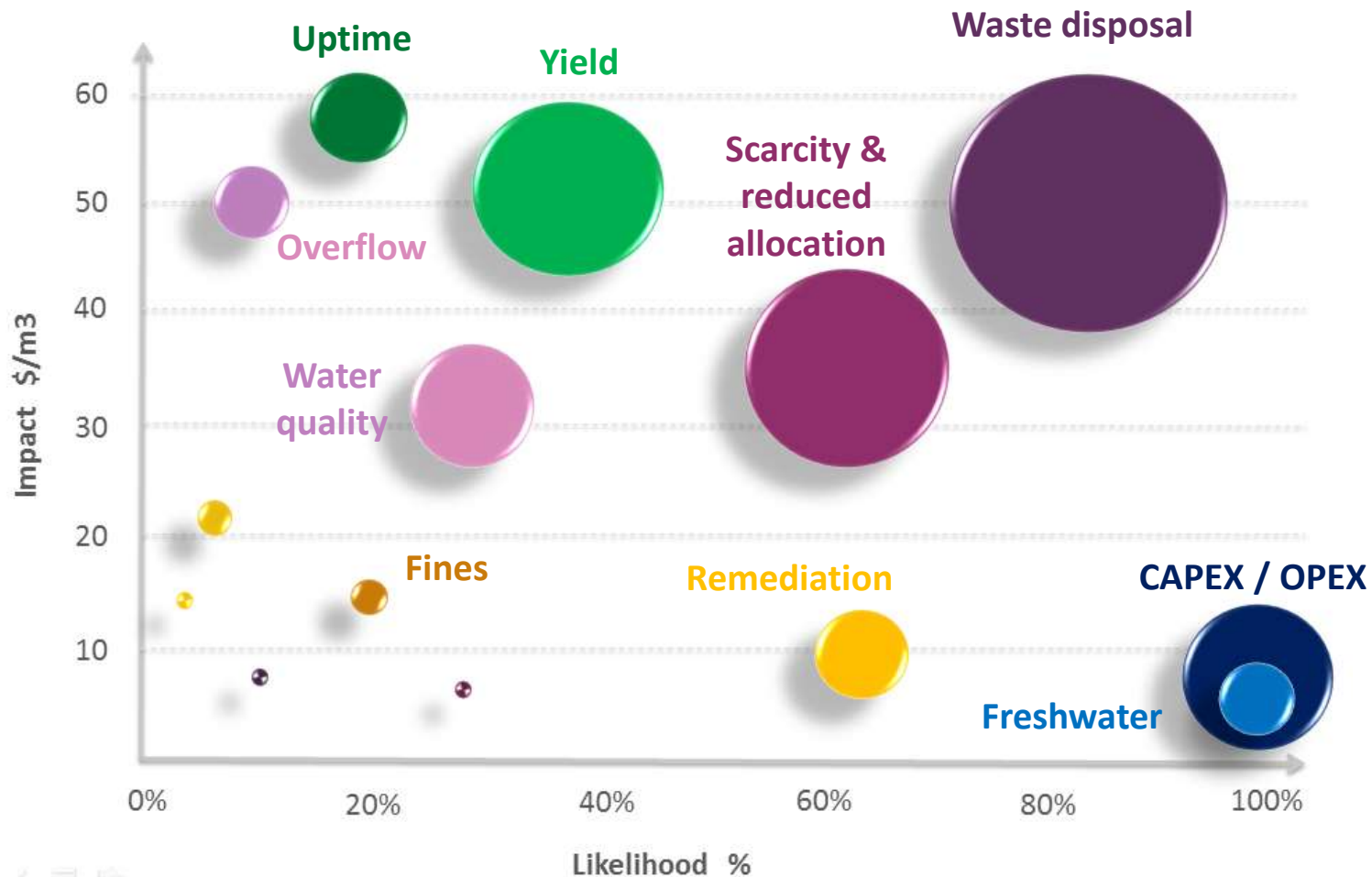
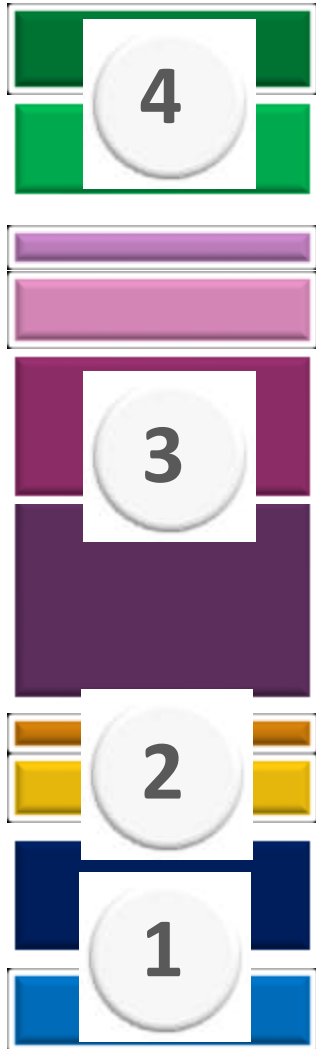
**INDIRECT COSTS**

50 M\$/y

1

**DIRECT COSTS**

# Cumulative financial impacts assessments by monetizing costs, risks & opportunities



# HIGHEST WATER RISKS

# HIGHEST BLUE OPPORTUNITIES



Food & Beverage



Pharma. & cosmetics



Micro Electronics

*Upstream supply chain*

*Product use*

*Wastewater regulations*

*Emerging contaminants*

*“Emotion” & Brand*

*Biogas as by-product*

*Speed to Market*

*Brand resilience*



Mining



Power



Pulp & Paper



Oil & Gas

*Flooding / Storm water*

*Water supply security*

*Deep wells / Waste disposal*

*Aquifer pollution*

*Tailing ponds / AMD*

*“Trust” & Social License*

*Water as by-product*

*Biogas as by-product*

*Yield / Heat rate*

*Shared value creation*

*Insurance premium*