

### **Moderator & Panellists**



### Moderator



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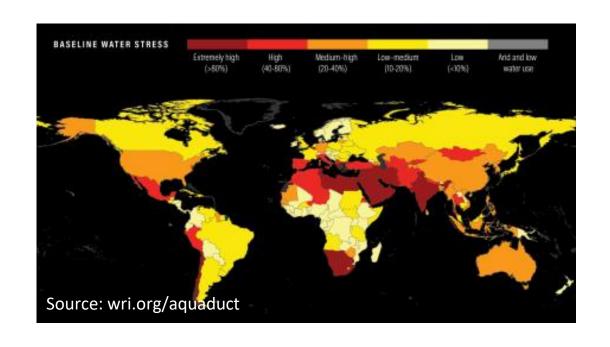
# Theme Introduction



#### THEME INTRODUCTION

"50% of the worlds population already live under highly water-stressed conditions"

Source: wri.org





# **Thought Exercise**



A site has a consumption of:

500 m<sup>3</sup>/h (12 000 m<sup>3</sup>/day) Can you picture how much water that is?

## **Thought Exercise**



A site has a consumption of:

500 m<sup>3</sup>/h (12 000 m<sup>3</sup>/day)











~ 5 Olympic swimming pools every day

or

The equivalent consumption of:



~ 83 500 people\*

\*average EU water consumption is 144 L/person per day

### THEME INTRODUCTION

## **Water Efficiency in Production**

### Industry is also feeling the pressure of water scarcity:

- Climate change: Supply reliability / quality
- Competition for limited sources
- Public perception
- Pressure from authorities
- → Translated to corporate water efficiency goals





# **Topics**



What are your company's water reduction & efficiency ambitions?

# Water management

## ST Targets \*



By ensuring all used water is appropriately treated before discharging it back into the

By continuously improving water efficiency

natural environment.

across our operations.



### SG13

Improve our water efficiency by 20% by 2025 vs 2016.

### SG14

Recycle at least 50% of the water used each year.









\* Source : Sustainability Charter

# Ecolab's 2030 Impact Goals



# **Customer Impact Goals**



Conserve 300 billion gallons (~1.1 billion m³) of water



Reduce greenhouse gas emissions by 6 million metric tons



Provide high quality and safe food to 2 billion people



**Clean 90 billion hands** 



## **Operational Impact Goals**





Water Ambition 2030 and Water Positive Future

**Overall P&G Net 0 Strategy** 

# **Ambition 2030**



35% REDUCTION

water efficiency per unit of production vs. our 2010 baseline



5 BILLION LITERS







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# **Topics**



What are the **main challenges & bottlenecks** to achieving these ambitions?

## **Topics**



Which **innovations**, **strategies and solutions** are you adopting to overcome these challenges?

### **Water Technologies and Application**















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# **Closing Remarks**



#### **CLOSING REMARKS**

### **Key Take-Aways**



### **Challenges & Bottle necks**

- Rapid change is required
- Tightening discharge permits (EU Green Deal)
- Carbon vs. Water reduction targets
- Data availability & Quality
- Low cost of water



### **Solutions**

- Digitalisation
- True cost = value of water
- Segregation of streams
- Knowledge sharing & Benchmarking
- Outside the fence: alternative water sources

# Questions?



