



Towards healthy watersheds

HEINEKEN Myanmar

1st July 2022

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CSR Executive



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- Brew A Better World
- Global and Regional Watershed Performances
- Myanmar Commitment Towards Healthy Watershed
- Key Water Efficiency Initiatives in Myanmar
- Key Water Circularity Initiatives in Myanmar
- Key Takeaway



Path to zero impact

<p>6 CLEAN WATER AND SANITATION</p>	<p>7 AFFORDABLE AND CLEAN ENERGY</p>	<p>12 RESPONSIBLE CONSUMPTION AND PRODUCTION</p>	<p>13 CLIMATE ACTION</p>
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Path to an inclusive, fair and equitable world

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Path to moderation and no harmful use

<p>3 GOOD HEALTH AND WELL-BEING</p>	<p>12 RESPONSIBLE CONSUMPTION AND PRODUCTION</p>
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BUSINESS AND SUSTAINABILITY GOES HAND IN HAND

4 out of 22 commitments are related to water management towards healthy watersheds

ENVIRONMENTAL

Reach carbon neutrality

- Net zero emissions in production by 2030
- Carbon neutral value chain by 2040, 30% absolute reduction by 2030
- 100% sustainable ingredients (hops, barley) by 2030

Maximise circularity

- Zero waste to landfill for all our production sites by 2025
- Turn waste into value and close material loops throughout the value chain – strategy & targets in development

Towards healthy watersheds

- Fully balance water used in our products in water-stressed areas by 2030
- Maximise reuse and recycling in water-stressed areas by 2030
- Treat 100% of wastewater of all breweries by 2023
- Reduce average water intake to 2.6 hl/hl in water-stressed areas, and 2.9 hl/hl worldwide by 2030

Foundation: our ways of working

SOCIAL

Embrace inclusion & diversity

- Gender balance across senior management: 30% women by 2025, 40% by 2030
- Cultural diversity: across each region at least 65% of country leadership teams are regional nationals by 2023
- 100% of our managers trained in inclusive leadership by 2023

A fair & safe workplace

- Fair wage for employees: close any gaps by 2023
- Equal pay for equal work: assessments and action by 2023
- Ensure fair living and working standards for third party employees and brand promoters
- Create leadership capacity to drive zero fatal accidents and serious injuries at work

Positive impact in our communities

- A social impact initiative in 100% of our markets every year
- Local sourcing of agricultural ingredients in Africa: 50% increase in volume by 2025

Responsible business conduct

- An effective Speak Up framework
- Zero tolerance to bribery and corruption

RESPONSIBLE

Always a choice

- A zero alcohol option for two strategic brands in the majority of our markets (accounting for 90% of our business) by 2023
- Clear and transparent consumer information on 100% of our products by 2023

Address harmful use

- 100% of markets in scope have a partnership to address alcohol-related harm

Make moderation cool

- 10% of Heineken™ media spend invested every year in responsible consumption campaigns, reaching 1 Billion consumers

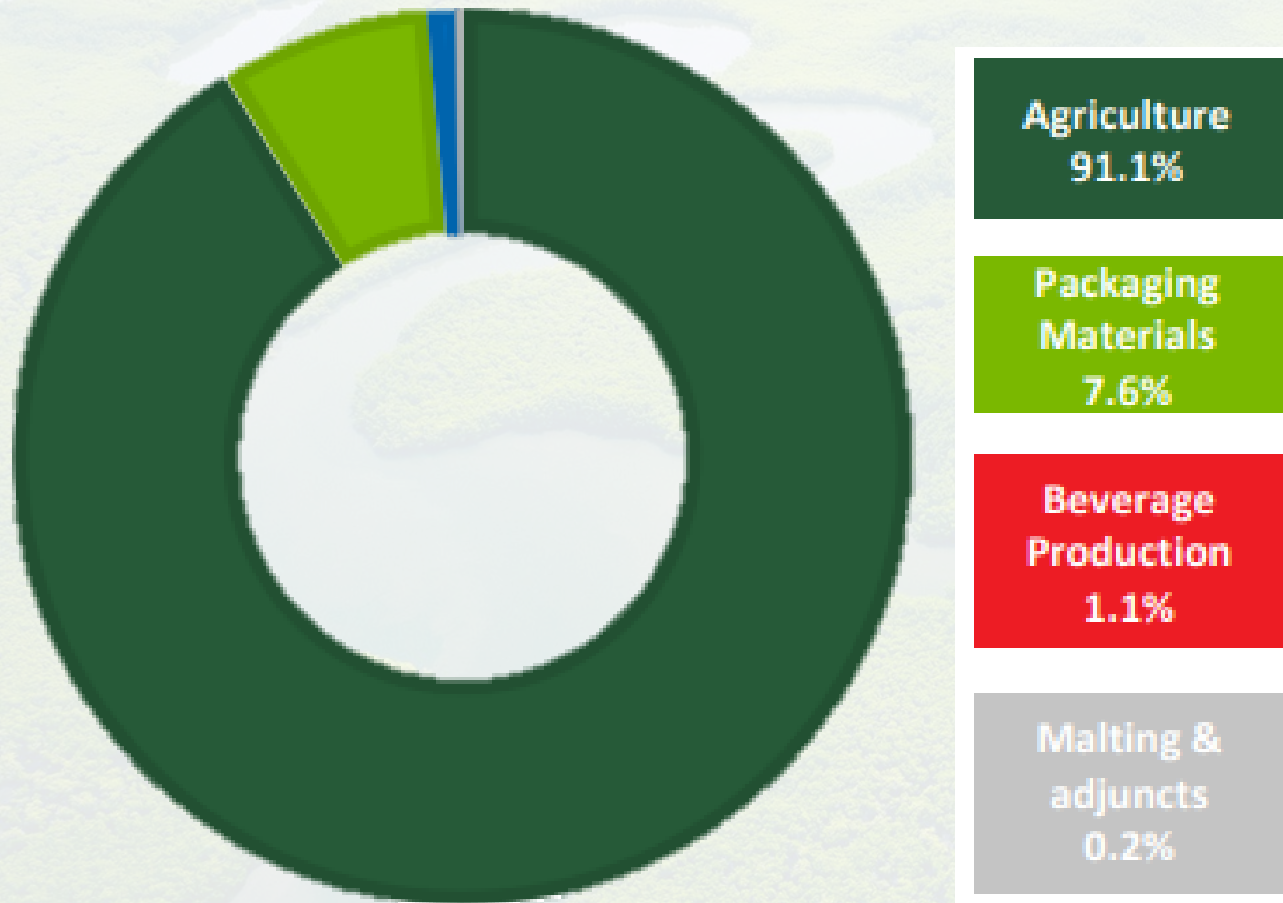


Our commitments

Respecting human rights

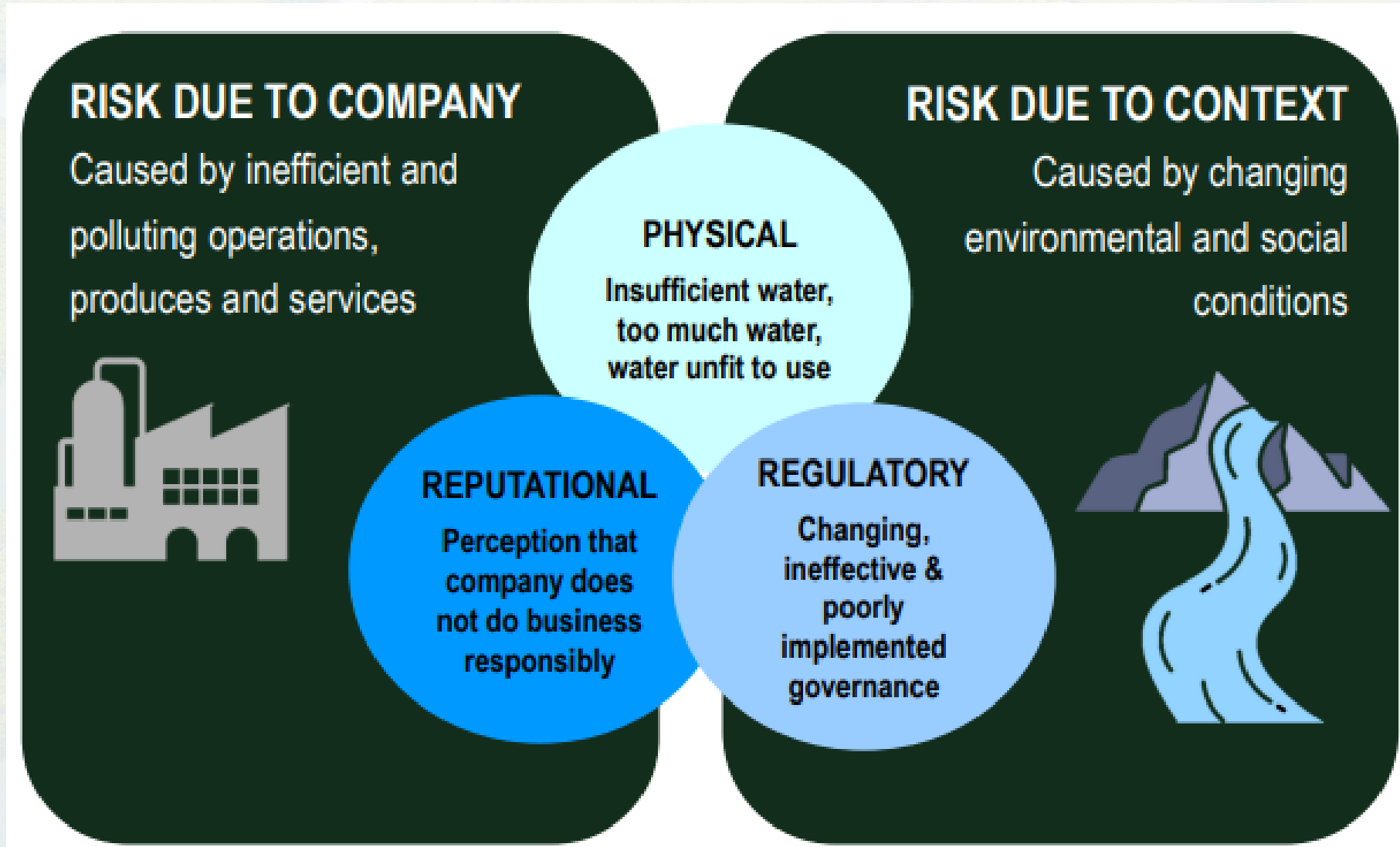
- Ongoing due diligence
- Good governance

HEINEKEN WATER FOOTPRINT



- Our Water Strategy, Towards Healthy Watersheds, is focused on water used in our own operations.
- Majority of the water we use is for growing our crops. Agriculture represents 92% of our water footprint, which is our indirect impact.
- Priority for 2022: Identify a strategy to manage our indirect impact in agriculture.

GROWING DEMAND AND RISKS ON LONG TERM WATER AVAILABILITY



OUR GLOBAL COMMITMENT VS. PROGRESS IN THE APAC REGION

Water Balancing

Fully Balance water used in our products in water-stressed areas by 2030, through water stewardship programme and collective action

Malaysia is fully balanced ahead of its target for 2030, while Indonesia has established and Industry Water Coalition to accelerate its water balancing goals

Water Circularity

Treat 100% of wastewater of breweries by 2023
Maximise reuse and recycling in water-stressed areas by 2030

3 WWTPs in APAC are expected to be operational by the end of 2022.
Water circularity readiness and projects started by 2024.

Water Efficiency

Reducing average water intake to 2.6 hl/hl in water-stressed areas and 2.9 hl/hl worldwide by 2030

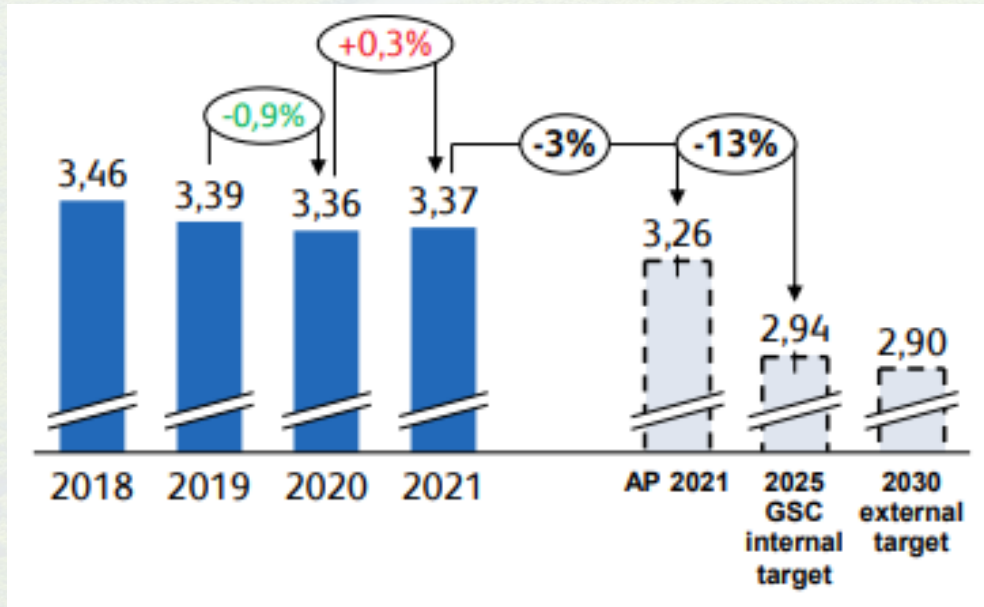
Good Practices Status: 73% implemented

WATER EFFICIENCY – GLOBAL AND REGION OVERVIEW – 2021 FY

APAC Region 2021FY not improving vs 202 and +8% vs AP'21.

OpCos to ensure plans in place to close the gap in 2022.

Global view – Water Efficiency (hl/hl)



Global view – Water Efficiency (hl/hl)

Region view

hl/hl	FY'20	FY'21	Δ vs FY20	AP21	Δ vs AP21	GP Impl.%
APAC	3.22	3.25	0.6%	2.99	8.7%	73

AP'22: 2.90 hl/hl (11% improvement vs 2021 FY)

Region UBM*: 2.7 hl/hl (UBM gap: 16% or 0.52 hl/hl)

GP Impl: Good practice implementation status

WATER BALANCING



MYANMAR COMMITMENT TOWARDS HEALTHY WATERSHED





**WATER
EFFICIENCY**



**WATER
CIRCULARITY**

LOCAL COMMITMENT TOWARDS HEALTHY WATERSHED

<p>Water Efficiency</p> 	<p>Water Circularity</p> 
<p>Reducing average water intake to 5.55 hl/hl in 2022 and 2.9 hl/hl in 2030</p>	<p>Treated 100% of wastewater and maximizing reuse and recycling</p>

LOCAL COMMITMENT TOWARDS HEALTHY WATERSHED

WATER EFFICIENCY

- How has HML performed water efficiency?



Minimizing water
looses in the
Brewery by
Upgrading machine



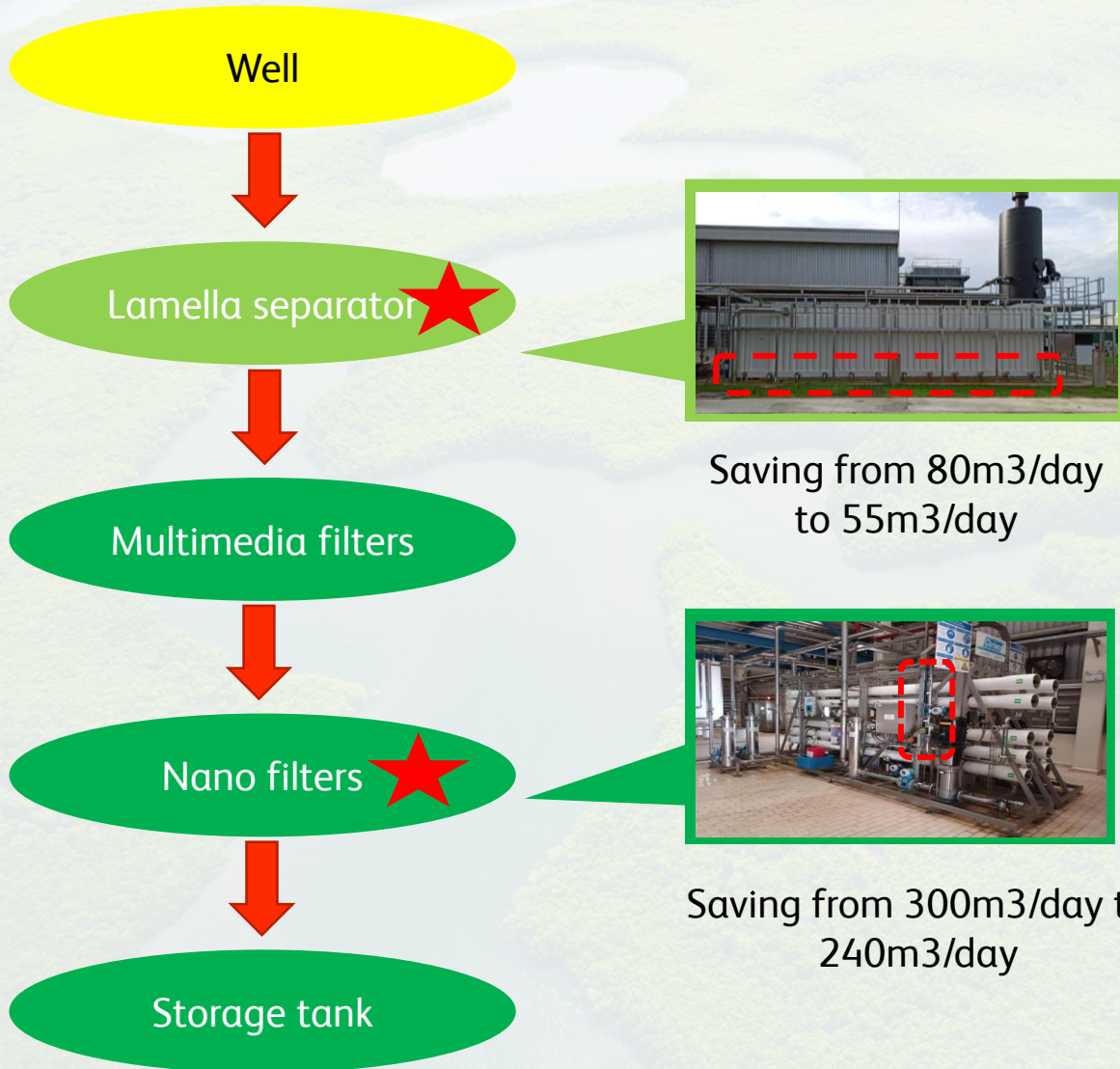
Process upgrading



Minimizing leakage

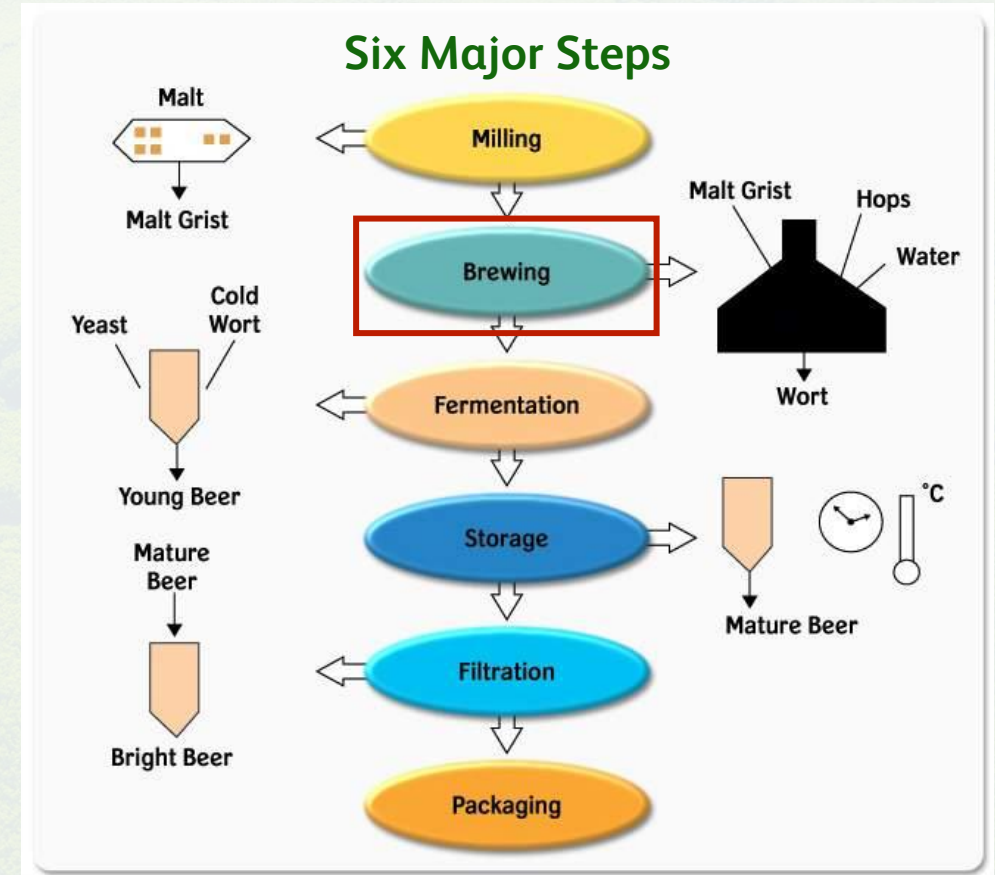
LOCAL COMMITMENT TOWARDS HEALTHY WATERSHED

WATER EFFICIENCY: Water Usage In The Brewing Process



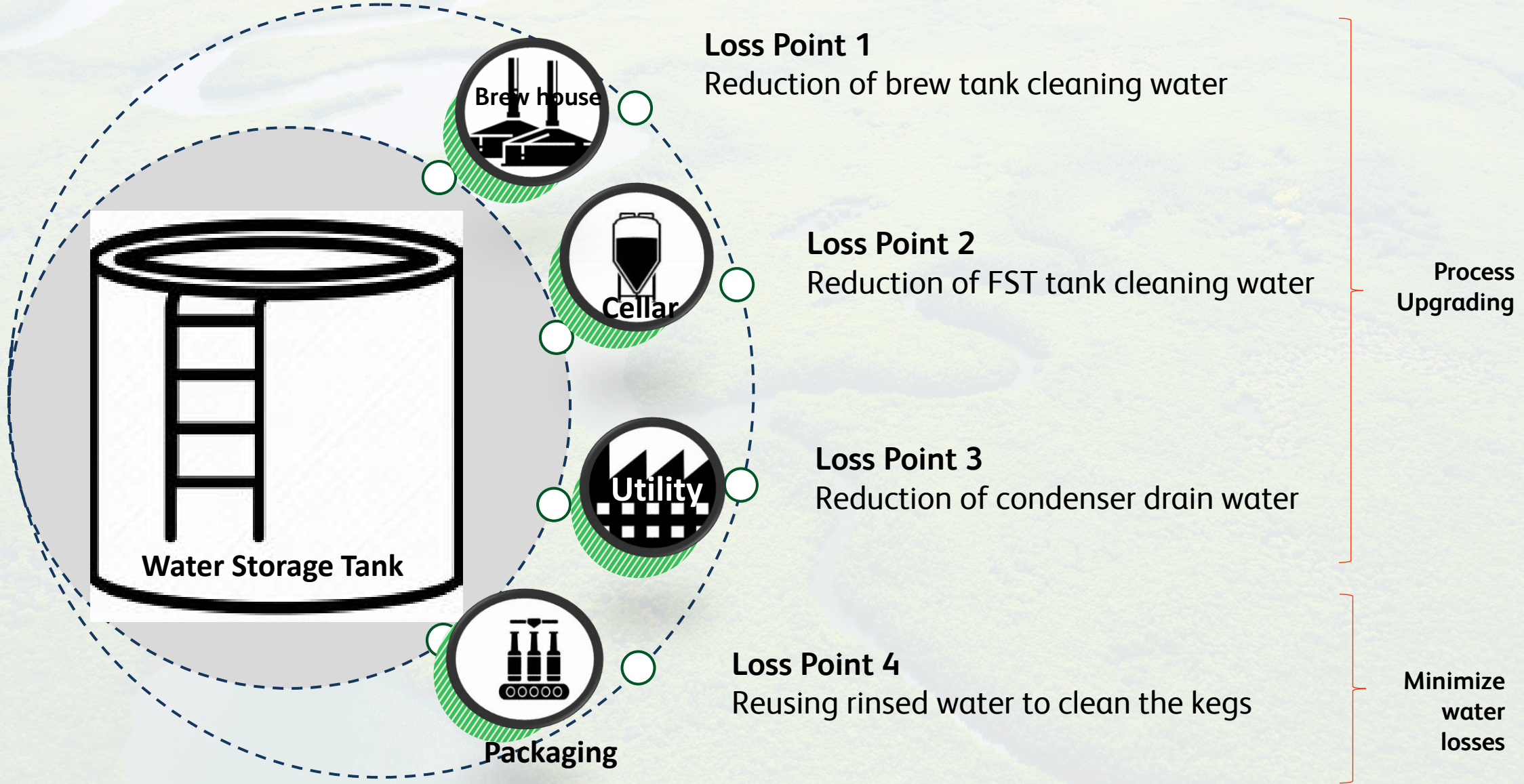
Saving from 80m³/day to 55m³/day

Saving from 300m³/day to 240m³/day



LOCAL COMMITMENT TOWARDS HEALTHY WATERSHED

WATER EFFICIENCY: Minimizing Water Losses Points And Process Upgrading



LOCAL COMMITMENT TOWARDS HEALTHY WATERSHED

AWARENESS ACTIVITIES



Water & Energy Saving Champions



World Water Day Educational Talk

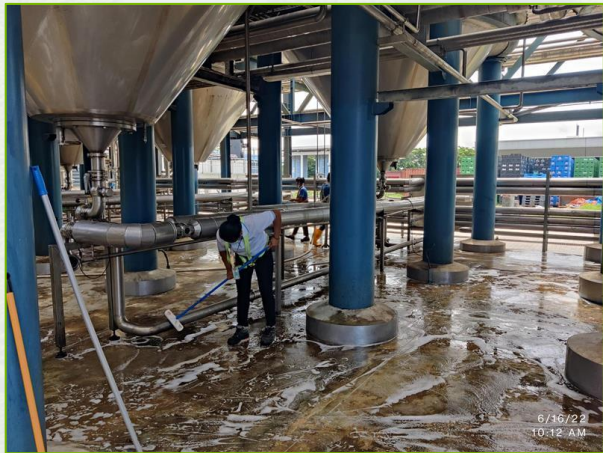


Green Office

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Water Circularity



REUSE



REDUCE



RECYCLE

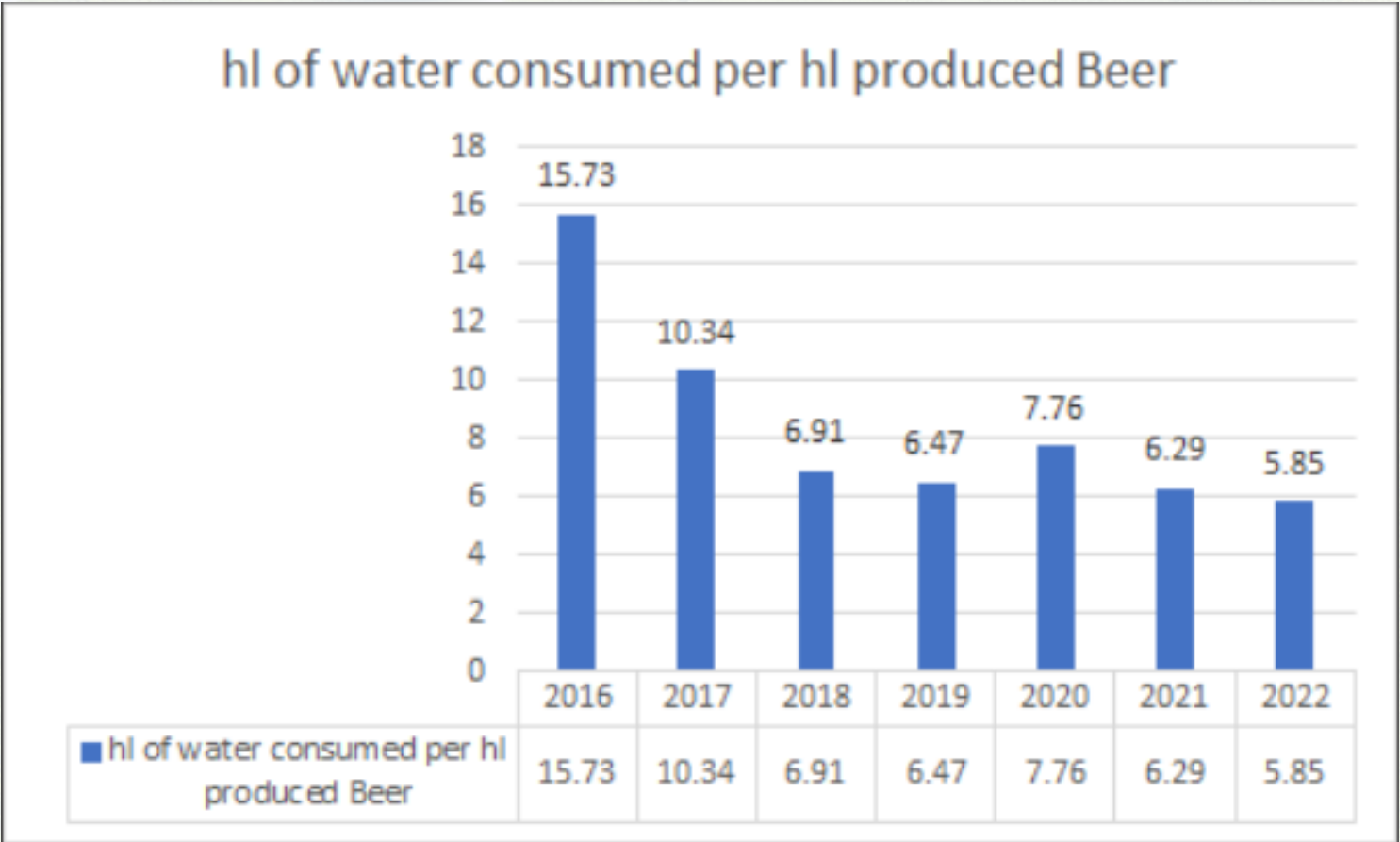
IMPROVEMENT OVER THE YEARS



SAVED

9.88

**HL water/HL
beer**



KEY TAKEAWAY



Management Endorsement



Learn & Reapply Best Practice



Sharing



Raise Awareness



Collective Action



BREW A BETTER WORLD

RAISE THE BAR 2030