

AWS Alliance for water stewardship

Certificate

AWS System

Planning

AWS Activities

AWS Annual Summary

Alliance for Water Stewardship (AWS)



BAT Indonesia has certificated AWS March 15, 2022

5 Main Outcomes AWS:

THE STANDARD IS INTENDED TO ACHIEVE FIVE MAIN OUTCOME:

- GOOD WATER GOVERNANCE
- SUSTAINABLE WATER BALANCE
- GOOD WATER QUALITY STATUS
- IMPORTANT WATER-RELATED AREAS
- SAFE WATER, SANITATION AND HYGIENE FOR ALL (WASH)

BAT Indonesia has achieved 5 AWS Main Outcomes in 2021:

1. Good Water Governance:
 - 100% compliance of wastewater quality
 - Monitoring the catchment water balance and quality
 - Engage stakeholders to maintain and improve catchment water balance and quality
 - Site water roadmap and improvement programs
2. Sustainable Water Balance:
 - Reducing water usage by 17.3% in YTD 2022 vs 2021
 - Reach 24% water recycling in early of 2022
 - Recycling wastewater effluent as cooling tower make up
3. Good Water Quality Status
 - Compliance of wastewater quality as per regulation
 - Further purification of wastewater effluent beyond compliance
 - Compliance of deep well quality as per regulation
 - Achieving Zero Waste to Landfill on October 21
4. Important Water Related Area
 - 20000 fish seed spread to Kalibodo River to create economical value creation
 - Tree planting around Kalibodo River
 - Opening the Bentoel's mosque for community
5. Water, Sanitation and Hygiene (WASH)
 - Compliance the WASH within Bentoel premises
 - WASH Study at the catchment area

AWS Activities in 2022

- Recycling WWTP effluent for cooling water make up
- Maintain and widening stakeholder engagement to maintain and improve catchment water balance and quality
- Continue value creation program to the catchment area
- Tree planting at upstream which contribute to the catchment

What is AWS?

Alliance for Water Stewardship (AWS) is a global membership collaboration consist of business, NGOs and the public sector. It's members contribute to the sustainability of local water resources through the adoption and promotion of a universal framework for sustainable or AWS Standards – that encourage, recognize and rewards good water stewardship performance.

Why AWS should be implemented?

Water stress or scarcity occurs when the demand for safe and usable water in a particular area exceeds supply.

Based on the WWF Water Risk Filter (2022), the status of water scarcity and stress in Malang is at low risk. However, we must reduce the risk of stress and water scarcity by controlling the use of clean water.

BAT Indonesia through AWS certification applies the AWS framework as a form of clean water control which is realized with the following 5 results:

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Certificate

**We obtained this AWS certificate in January 2022,
after successfully passing the AWS Audit**

PROVISIONAL CERTIFICATE No.: SGS2022_AWS0011

AWS REFERENCE: AWS-000414



**ALLIANCE FOR
WATER STEWARDSHIP**

BRITISH AMERICAN TOBACCO (BAT)
Bentoel Factory Indonesia

STANDARD: The AWS International Water Stewardship Standard v 2.0, 22.03.2019

Date of initial certification: 15.03.2022

This certificate is valid until: 14.03.2025

Certification level: Core

Scope: Single site

The site “**BAT Indonesia - Bentoel Factory**” has been independently certified to the AWS’s Standard and is both managing its water resources and contributing to efforts within the catchment.

SGS TECNOS, S.A.U. declares to have inspected the site and have found it in compliance with the AWS Standard. This certificate is in force until further notice and provided the site continues meeting the conditions as laid down in the AWS Standard. The certificate will be kept into force for a three (3) years’ period based on the outcome of annual surveillance audits.

Site Name	Site Address	Industry
British American Tobacco Bentoel Factory Indonesia	PT. Bentoel Prima Jl. Raya Karanglo Lt 1, Banjararum, Singosari, Malang, 65153, Jawa Timur, Indonesia	Other

18434260J ANA VIÑADO
(C:A28345577)

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VIÑADO (C:A28345577)
Date: 2022.03.22 10:34:31 +01'00'

Madrid, 17.03.2022

Signature

Place and Date of Issuance

AWS Certifier

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AWS System



AWS SYSTEM



WATER STEWARDSHIP COMMITMENT BAT INDONESIA – BENTOEL FACTORY



We understand water is essential for life. As individuals, we need water to live. Communities need access to water to survive and to thrive. Yet, water is the first commodity on earth that is in short supply.

We understand water is essential for BAT. The ingredients we source need water to grow. We need water to run our factories and to manufacture our products.

At BAT, we unequivocally believe that access to water is a basic human right. Everyone, everywhere should have access to water.

Water is a shared and precious resource to be managed sustainably by all users in the watersheds where they live and operate. This is water stewardship. Water challenges are local and we believe we can only effectively address them by working with all members of the community.

Our approach to water stewardship to ensure the use of water is socially equitable, environmentally sustainable and economically beneficial.

With our Water Resources Commitment, we focus our efforts and resources on four key areas: in our factories, continuously improving water use efficiency; water source where we operate, working with partners to protect shared water resources; across our supply chain, where water challenges are putting the sourcing of our raw materials at risk; in the communities where we are present, to widen access to clean water and sanitation. Site's stakeholders will be engaged in an open and transparent way and site will allocate the resources to implement

**At BAT, we care for water.
Together, we steward resources for future generations.**

Husain Iqbal Jaffery
DRBU Operations Director

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WATER STRATEGY, VISION & MISSION



Following our Commitment on water stewardship, we define our Vision and Mission on Water Stewardship.

VISION

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We understand water is essential for BAT. The ingredients we source need water to grow. We need water to run our factories and to manufacture our products.

At BAT, we unequivocally believe that access to water is a basic human right. Everyone, everywhere should have access to water.

Based on this we have following vision on Water Stewardship

- BAT Indonesia will actively contribute to maintain and improve the water quantity and quality at our location we operate and treat the water as priceless legacy for our future generation.

MISSION

To achieve our Vision on Water Stewardship BAT Indonesia has following Mission:

- We will continuously do water efficiency in our operation and improve the water recycling ratio.
- We will engage the stakeholders relate with water, involve in local institution on water stewardship to have same understanding and common goal to save water source where we operate.
- We will monitor the quality and quantity of the water we consume, dispose and water quality and quantity of the water source in cooperation with related stakeholders.
- We have plan relate with water challenge, executing the plan and monitoring the progress of implementation.
- We are learning from Water Stewardship Best Practices and see possibility to implement in our operation and water stewardship activities.

At BAT, we care for water.

Together, we steward resources for future generations.



Husain Iqbal Jaffery
DRBU Operations Director

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AWS STEPS

Gather & Understand

- Physical Scope
- Stakeholders
- Water Related Data
 - water balance;
 - water quality,
 - Important Water-Related,
 - water governance,
 - WASH;
 - water-related costs, value
- Catchment
 - water governance,
 - water balance,
 - water quality,
 - Important Water-Related
 - infrastructure,
 - WASH.
- Water Challenges
- Risk & Opportunity
- Best Practices

Commit & Plan

- Policy Statement
- Legal & Regulation
- Water Strategy
- Responsiveness and resilience

Implement

- Participate Positively
- Legal regulatory & respect water right
- Water balance target
- Water quality target
- Maintain & Improve importance water related
- Safe drinking & WASH
- Maintain & improve indirect water use
- Engagement
- Implement Best Practices

Evaluate

- KPI result
- Emergency Incident
- Stakeholder feedback & engagement
- Water stewardship and Continuous Improvement

Communicate & Disclosure

- Internal Governance
- To related stakeholders
- Annual summary
- Collective effort
- Compliance Violation

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Planning



ACTION PLAN 2022

No	Classification to AWS Outcomes	Action Plan & Best Practice (July-December)	Schedule	Related Stakeholders/ PIC
1	Water Quantity	- Water roadmap assessment and follow the generated actions - Increase the water recycling ratio to 20% - Continue reduce total water withdrawn	Monthly and daily monitoring	Utility manager
2	Water Quantity	- Study of water balance in the catchment area - Discuss and engage with stakeholders	Once in year	ESDM East Java province
3	Water Quantity	- Discuss and engage with stakeholder on this subject - Consider to do replanting in the upstream	2023	THE GREEN
4	Water Quality	- study of water quality in the catchment area - ensure the effluent meets quality standards - programs to support water quality in the catchment area: achieve zero waste to landfill	Monthly monitoring	DLH Kab. Malang, District Health Office. Malang, Community Health Center
5	WASH	- WASH study in catchment area - Stakeholder discussion and engagement on this subject - Support WASH according to need and align with company program	If needed	Head of Banjararum Village and the community
6	Site IWRA	Sustain Zero Waste to Landfill (ZWTL). Monitor the disposal and recycling closely	Audit every year	TPST Kab. Malang
7	Disclose water-related internal governance	Consider to disclose the water related-internal governance in the website	1x/year and updated when necessary	EHS Manager
8	Catchment IWRA	Fish Seed Spread with "KARAMBA METHOD" where the fish is kept in the net/cage in the river so the fish will be kept closely to Kalibodo residence	2022	Head of Banjararum Village
9	Best Practices IWRA Fish seed spreading in Karangploso	Form a voluntary program for employee who is interested in joining with environmental activities (environmental ambassador)	2022	BAT Management
10	Best Practices (water balance) Managing spring water in Sumberawan for communities	- Discussion and engagement with stakeholders on this subject - Monitor the water quantity in the catchment	2022	Utility manager
11	Best Practices (WASH) Satination development stragegy by Malang Authority	- study of water quality in the catchment area - ensure the effluent meets quality standards - programs to support water quality in the catchment area: achieve zero waste to landfill	2022	Environmental Health Malang
12	Best Practices (Quality) Waste recycling by TPST by engaging community to avoid ground water contamination	To sustain the zero waste to landfill by close monitoring all of waste disposal and recycling process	Monthly	Utility manager
13	Best Practices (Governance) Water Conservation Education in Karangploso	Continue to put the AWS Governance in the Digital Educorner (DigiEd) and monitor the progress of execution	2022	
14	Best Practices	- possible implementation of best practice condensate reuse for feed water boilers - maximize the recycling system of the water cooling towers	2022	Utility manager

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AWS Activities

STAKEHOLDER ENGAGEMENT

We doing stakeholder engagement that can help us in the AWS implementation.



Discussion with Mr. Haryanto from BASKOMAS, NGO in water conservation



We have consulted with the Infrastructure Owner to find out about importance related water in the catchment area



Consultation about water quality data in the catchment area with Karangploso Health Center



Discussion with Alamku Hijau and UIN Maulana Malik Ibrahim regarding tree planting activities support AWS Program



UIN Maulana Malik Ibrahim regarding tree planting activities support AWS Program



Sharing AWS Program with PAMSIMAS Donowarih, NGO in WASH implementation

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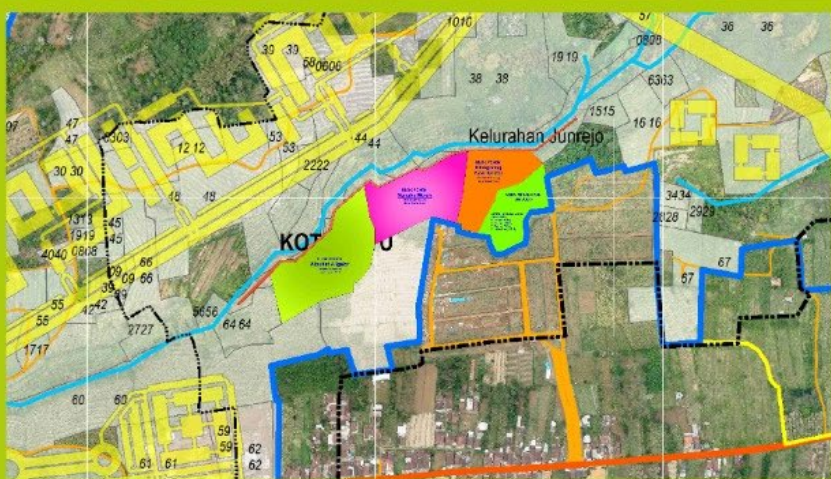
Real action program - Supporting catchment

Tree Planting Activities in Arboretum Area to Support Water Conservation



TREE PLANTING AREA

HARI GERAKAN SEJUTA POHON SEDUNIA
10 JANUARI 2023



1. BENTUK KEGIATAN

Peringatan Hari Gerakan Sejuta Pohon Internasional 2023
Serimonial Penanaman Simbolis 125 pohon

2. PELAKSANAAN

Rabu, 18 Januari 2023
08.00 s/d 11.00 WIB

3. TEMPAT

Kampus 3 UIN MALIKI MALANG
Sebagian kawasan RTH - Hutan Kampus, diseputar mata air.
Luas lahan yangdikerjakan 3Hektar (30.000 M2) total jumlah
pohon 1.000 batang dengan jarak tanam5x5M.

4. JENIS TANAMAN UNGGUL

- a. Kelengkeng New Kristal jumlah 250 Pohon
- b. Nangka Merah jumlah 250 Pohon
- c. Alpokat Aligator jumlah 250 Pohon
- d. Ficus Benjamina (Beringin) jumlah 250 Pohon
(tinggi bibit 120 – 200cm)



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Real action program - Supporting catchment

Tree Planting Activities in Arboretum Area to Support Water Conservation



Embassy of Indonesia for Arab Saudi, in other occasion take a time to plant in the tree planting area in Universitas Islam National



Media post publication tree Planting agenda

Hari Gerakan Sejuta Pohon Internasional Tanam 1.000 Pohon, Bentoel Group Berkomitmen Lestarkan Air

MALANG POSCO MEDIA, MALANG- Hari Gerakan Sejuta Pohon Internasional tahun 2023 diperingati Bentoel Group dengan menanam 1.000 pohon. Berkolaborasi dengan UIN Maulana Malik Ibrahim dan Bantuan Sosial dan Komunikasi Masyarakat (BASKOMAS), Bentoel Group melakukan penanaman 1.000 pohon di hutan Kampus UIN Maulana Malik Ibrahim di Kecamatan Dau Kabupaten Malang dan Kecamatan Junrejo Kota Batu kemarin. Kegiatan ini merupakan bentuk komitmen perusahaan dalam program Alliance for Water Stewardship (AWS) untuk melakukan penatagunaan air secara berkelanjutan.

Head of Supply Chain Bentoel Group Marihot Jimmy Tampubolon mengatakan gerakan penanaman 1.000 pohon ini adalah bentuk dukungan Bentoel Group dalam pelestarian



lingkungan. "Yang kami lakukan hari ini adalah penanaman pohon dalam rangka memperingati Hari Gerakan Sejuta Pohon Internasional. Semoga kegiatan seperti ini bisa terus berlanjut.

Dan kami dengan beragam strateginya akan ikut berkontribusi, ikut support terhadap lingkungan yang lebih sustainable, yang lebih berkelanjutan," katanya. (ira/adv/lim)

BIBIT POHON: Head of Supply Chain Bentoel Group Marihot Jimmy Tampubolon menyerahkan bibit pohon kepada rektor UIN Maliki Prof. Dr. Zainuddin MA.



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Real action program - Supporting catchment



Since 2013, we have managed to maintain the Blue rating every year in the Performance Ranking Program (PROPER) audit by the Ministry of Environment for seven consecutive years. In 2022 Bentoel Group regained the Blue rating for compliance.



In 2018, Bentoel Group contributed to the restoration of pedestrian walk-ways Ijen Boulevard Street, Malang City. The renovation and rejuvenation were carried out on the walkways of approximately 1,200 meters long by using natural andesite stone on the pedestrian floor.



Water treatment facilities and Dieng park as part of Bentoel Group's CSR activities.

In commemoration of the 103rd anniversary of Malang City, Bentoel Group contributed to the restoration of the park and pedestrian areas at Dieng Street.

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Real action program - Supporting catchment



In 2016, Bentoel Group renovated Taman Slamet. This is part of a continuous revitalisation programme to support Malang government's programme, following the revitalisation of Taman Trunojoyo and Taman Kunang-Kunang in the previous year.



In early 2014, the Company agreed to support the renovation of a long neglected city park on Jalan Trunojoyo. In 2015, asked to support the renovation of the Fireflies Park which is located on Jalan Jakarta with an area of almost 15.000 m²



In 2014 Bentoel's Corporate Social Responsibility programs also have been implemented previously the other 2 villages, Kedungwaru I and Kedungwaru II, to provide clean water for more than 600 families.

In this clean water project, the Company built many water storage/reservoir and dug many wells to a depth of more than 120 meters in Sumbertimo before finding the source of clean water. With the implementation of the clean water project program in Sumbertimo, then around 360 families will certainly have access to clean water

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AWS Annual
Summary



ALLIANCE FOR WATER STEWARDSHIP SUMMARY 2022



RINGKASAN ALLIANCE FOR WATER STEWARDSHIP 2022



TRANSFORMING
TOBACCO