



Report on Water Performance of Philip Morris in Poland



Water is a vital resource shared by all. Water supplies are however finite, and the adoption of sustainable water management strategies are fundamental for conserving this essential resource.

Dramatic population and economic growth as well as changes in weather patterns, are leading to increasing water demands, shortages in water availability, and increasing contamination events. According to the United Nations, with the existing scenario almost half the world's population will be living in areas of high-water stress by 2030. We are all called to action to play a fundamental role in adopting a more responsible and conscious use of our potable water, in order to safeguard the needs of the local territory and population, especially for the future.

Since 2017, Philip Morris International has introduced amongst its main sustainability pillars the Alliance for Water Stewardship (AWS) Certification in order to reduce the water footprint of its factories and drive sustainable water management in local territories around the globe. In order to demonstrate its commitment to water stewardship, PMI plans to certify all facilities according to the AWS Standard by 2025.

The AWS Certification is based on an international standard that enables water users to reduce their water footprint, mitigate water-related risks and manage water collaboratively and transparently with Stakeholders operating in the same territory. The AWS Standard implemented by PMI facilities worldwide offers a credible, globally-applicable framework for a major water users, in order to understand their own water use and impacts and work collaboratively with others towards common goals related to sustainable water management within the wider catchment context.

Philip Morris Polska S.A. (PMPL) is pleased to publicly share their water stewardship journey and milestones achieved with the implementation of the AWS Standard and Outcomes. In December 2020, PMPL became the second site in Poland to be certified AWS and eleventh PMI facility worldwide. PMPL's commitment and water stewardship journey continues and in 2022 PMPL will be continuing to implement sustainable water practices and raise awareness in order to encourage others to become water stewards. PMPL is proud of our transformation journey and although the path to build a sustainable future is still ongoing, the AWS philosophy will make a change not only to us but to all.

The implementation of the AWS Standard and Outcomes in PMPL has generated not only a long-term commitment to responsible water management, but also numerous benefits and best practices both on and off site.

Water saving technologies as well as water optimization settings and daily leakage and monitoring activities have led to a decrease in potable water use on site, with the aim of decreasing the factory's total water consumption by 21% by 2024. Governance actions and joint campaigns conducted with stakeholders in the local territory have, on the other hand, lead to increased understanding and awareness on water conservation and safeguarding of important water-related areas (IWRA). The ongoing actions proposed in the AWS Strategy Plan, are giving the desired results: decreasing water use on site, raising awareness amongst the local community, and consequently impacting to a lesser extent on the territory.



Since **2019**, PM Polska saved **26 278 m³** of water.

It is equivalent to **8** olympic pools.



Since **2019**, the Primary & DIET Department have reduced potable water consumption by **26%**



Since **2019**, PMPL has been implementing water saving actions such as water saving technologies, water optimization settings and daily leakage and monitoring activities



By 2024, PM PL aims to **reduce water consumption by 21% and to 2,15 m³/mio cigarettes**

PMPL is drastically reducing water consumption for sustainable water management. In 2020, the total amount of water consumed was of approximately **187 411 m³** from the municipal network and **1 374 m³** from rain water.

2018



2,71*

2020



2,50*

2022



2,20*

*** m³/mio cigarettes**

Our water projects in PM Polska are focused on the 5 AWS outcomes:



GOOD WATER
GOVERNANCE



SUSTAINABLE
WATER
BALANCE



GOOD WATER
QUALITY
STATUS



IMPORTANT
WATER-RELATED
AREAS



SAFE WATER,
SANITATION
AND HYGIENE
FOR ALL (WASH)

GOOD PRACTICES



WORLD EARTH DAY

PMPL participates in the World Earth Day every year. To raise the awareness of its employees about environmental strategies and sustainable development. Employees are encouraged to take part in various environmental activities, such as creating art installations from cardboard or planting herb gardens in crates. Additionally, thematic webinars are organized. In 2021, employees had the opportunity to broaden their knowledge of urban animals found in the catchment area and learn about the important role of bees in the entire ecosystem. As part of the event, an electrowaste collection was also organized.



World Water Day 25th March

Webinar

With Municipal Water & Sewerage Company (MPWiK) in Cracow

AWS QUIZ & Water Challenge

„What can you do to protect water in the rivers” on PMI Masters

Building the awareness of the youngest

Books for children in „Misie Filipisie” kindergarten „Wyprawa Batyskafem - Misja w Rurogrodzie”



WODOCIĄGI
Miasta Krakowa

TREE PLANTING PROGRAMME



PMPL conducts annual tree planting programs to protect and maintain a healthy water ecosystem in the Site's green areas. In the years 2019-2021, 43 trees were planted. Species that are beneficial to bees have been selected. In the following years, plantings will be continued.



CAMPAIGN WITH STAKEHOLDER WMK



PMPL conducts information campaigns with the water service provider and the main stakeholder - WMK. The campaigns carried out included a water seminar to inform the local community about water conservation strategies and campaigns to promote drinking water straight from the tap and also building children's awareness of water use.



GOOD PRACTICES

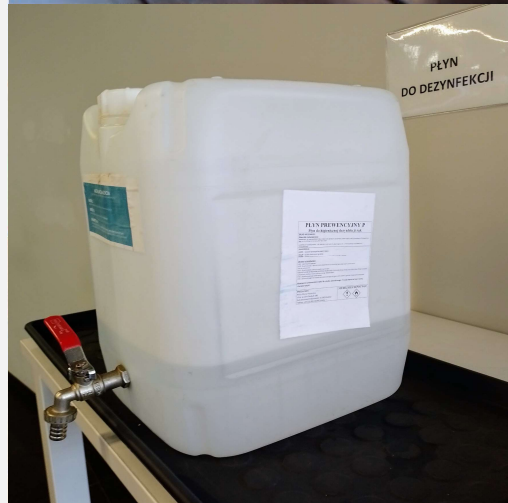
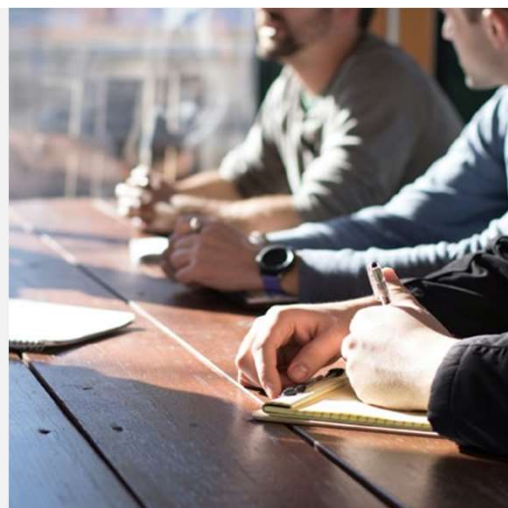
ENGAGEMENT WITH LOCAL STAKEHOLDERS

PMPL actively engaged 52 external stakeholders from the catchment area and 7 internal stakeholders responsible for the provision of services on the Site. The aim was to raise awareness of the AWS standard and to implement best practices by reaching the local community.



WATER SAVING SETTINGS AND MONITORING OPTIMIZATION

PMPL increased its water saving measures by implementing water optimization settings and installing additional water meters to monitor and detect leaks. Since 2019, Primary has installed 28 new water meters to better measure the amount of saved and used water and to detect any anomalies in this area every day. The shorter timescales of the automatic cleaning cycles, such as tank cleaning, for example, further reduce water consumption by optimizing processes.



WASH BEST PRACTICES AND HAND SANITIZER PRODUCTION

PMPL increases the awareness of employees and carries out many campaigns on the basic principles of taking care of hygiene, including about the correct way of washing your hands. During the COVID-19 pandemic, the plant began producing disinfectant fluid for use on site and for distribution to the elderly and the local community.

BEE PROGRAM AND HIVE CONSTRUCTION

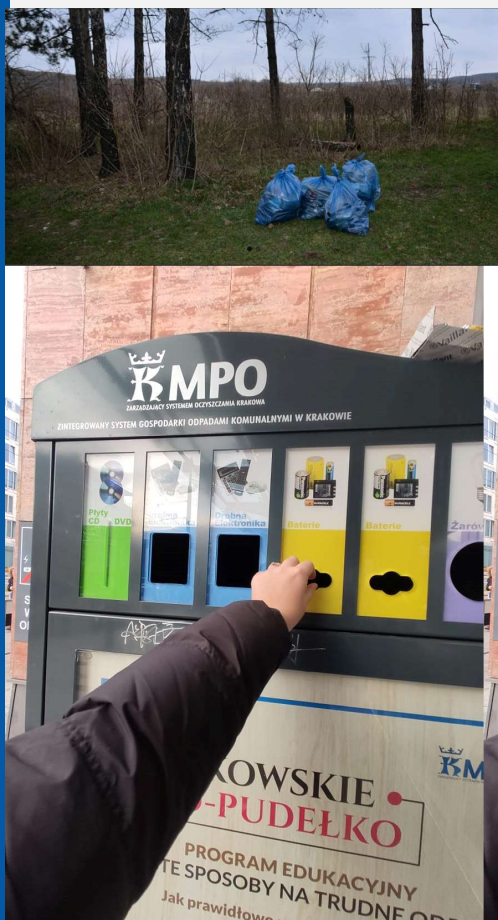
PMPL installs hives on the premises of the Site every year. These types of activities are aimed at helping to maintain the balance of the ecosystem, encouraging bees to pollinate and thus reducing air pollution. In 2021, 27 seasonal hives and 5 permanent hives were installed, thanks to which 200 kg of honey was produced.



GOOD PRACTICES

BIRD PROTECTION PROGRAMME

In 2021, a water drinker for birds was installed on the premises of PMPL and a pond, which is a shelter for birds, was remedied. In previous years, educational campaigns for employees concerning birds were conducted and several nesting boxes were installed. In the coming years, the program will be improved and developed.



GROUNDWATER QUALITY TESTS ON THE PREMISES OF THE SITE

In 2021, groundwater quality tests were carried out at the Site. In the coming years, further studies are planned. The results may be important for the protection of groundwater in PMPL site and the surrounding areas.



CLEAN UP DAY

Every year, PMPL takes part in the Clean Up Day campaign. In 2021, the EKO SUPERHEROES city game was organized for employees, as part of which they received mini-challenges related to learning good habits in the field of ecology. As part of the game, waste was also collected in green areas as one of the tasks. The families and relatives of our employees were also involved in the challenges.



GOOD PRACTICES

FLOWER MEADOW

In 2021, 5000 m² of flower meadow was sown in the PMPL, which enriches biodiversity and thus benefits bees. In 2022, in cooperation with the University of Agriculture in Krakow, it is planned to design further areas intended for flower meadows and sown another area of land.



PLANTING FLOWER BULBS IN PARK DĄBIE

As part of cooperation with one of the main stakeholders - the Zarząd Zieleni Miejskiej w Krakowie, PMPL purchased and with the help of volunteers planted green areas in Park Dąbie with flower bulbs. A dozen or so volunteers took part in the action.



ANIMAL PROTECTION PROGRAMME

In 2021, PMPL conducted educational campaigns aimed at employees, related to the species of animals found in the plant and in the city. Its culmination was the installation of information boards in front of the entrance to the company's headquarters. Thanks to this, employees know how to behave in case of meeting with an animal. In addition, fences and gates around the PMPL site were repaired to limit the possibility of wild animals entering the Site.



Tobacco supply chain

The Good Agricultural Practices (GAP) program is based on 3 main pillars: Cultivation, Environment and People at the basis of which Philip Morris places the concept of Governance, which deals with the management of all those processes that must be implemented to successfully implement the GAP. The adoption of the GAP guidelines is an essential prerequisite for starting and maintaining collaboration with all our tobacco suppliers.



CULTIVATION



ENVIRONMENT



PEOPLE

According to the guidelines established by the GAP code, to ensure efficient use of water, the manufacturer must commit to rationally use water resources and use the best available water management practices.

