UPM BIOFORE
BEYOND FOSSILS

UPM Tervasaari

ENVIRONMENTAL AND SOCIETAL RESPONSIBILITY 2019

UPM Tervasaari

The Tervasaari mill is located in the town centre of Valkeakoski, Finland, at the end of the canal between the Mallasvesi and Vanajavesi lakes. The mill is located right next to a populated area, so careful attention must be paid to environmental issues during everyday operations.

The Tervasaari mill integrate consists of two paper machines, a power plant, a hydropower plant and a biological effluent treatment plant. Several businesses also operate onsite as tenants. The environmental load of these tenants' effluent emissions is included in this report's data.

The heat required by the Tervasaari mills is produced by the mills' own power plant, and approximately one fifth of the required electricity is produced at the mill. Heat is also sold to external users as district heating and steam.

The Tervasaari mill's industrial landfill in Suikki was in use throughout 2019. The closure of the Kalatonlahti landfill went ahead as planned during 2019.

UPM Tervasaari is a centre of expertise for label papers, with a strong focus on the development of both existing paper grades and new products.

UPM Tervasaari Environmental and Societal Responsibility 2019 is a supplement to the Corporate Environmental and Societal Responsibility Statement of UPM's pulp and paper mills (available at www.upm.com) and provides mill-specific environmental and societal performance data and trends for the year 2019. The annually updated mill supplements and the UPM Corporate Environmental and Societal Responsibility Statement together form the joint EMAS Statement of UPM Corporation. The next Updated UPM Corporate Environmental Statement and also this supplement will be published in 2021.

UPM offers renewable and responsible solutions and innovate for a future beyond fossils across six business areas: UPM Biorefining, UPM Energy, UPM Raflatac, UPM Specialty Papers, UPM Communication Papers and UPM Plywood. As the industry leader in responsibility we are committed to the UN Business Ambition for 1.5°C and the science-based targets to mitigate climate change. We employ 18,700 people worldwide and our annual sales are approximately EUR 10.2 billion. Our shares are listed on Nasdaq Helsinki Ltd. UPM Biofore – Beyond fossils. www.upm.com

Production capacity	300,000 t/a	
Personnel	332	
Products	UPM Brilliant™	UPM Golden™ Forte
	UPM Brilliant™ Forte	UPM Golden™ Recycled Forte
	UPM Brilliant™ Pro	UPM Brilliant™ Duo
	UPM Honey™	UPM Crema™ Duo
	UPM Honey™ Plus	UPM Topaz™ Duo
	UPM Honey ™ Plus Recycled	UPM SCK™ Plus
	UPM Golden™	UPM SCK™
Certificates	EMAS (EU Eco-Management and Audit Scheme) ISO 14001 – Environmental Management System ISO 9001 – Quality Management System ISO 22000 – Food Safety Management System OHSAS 18001 – Occupational Health and Safety System PEFC™ – Programme for the Endorsement of Forest Certification FSC® – Forest Stewardship Council All certificates can be found from UPM's Certificate Finder (available at www.upm.com/responsibility)	

FSC
www.fsc.org
FSC® C014719
The mark of responsible forestry

For more information about FSC certification visit www.fsc.org

PEFC
PEFC/02-31-80
Promoting Sustainable Forest Management
www.pefc.org

For more information about PEFC certification visit www.pefc.org

Review of the year 2019

In 2019, UPM continued to invest in the labelling business and projects for new growth, in which the Tervasaari paper mill plays a significant role. We achieved good results in the areas of safety at work and environmental management. We continued to make progress on several new sustainable development projects.

In late 2019, UPM began the overhaul of paper machine 2 at the Nordland mill in Northern Germany, converting it from fine paper production to specialty paper production. Due to the additional capacity that this creates, UPM Specialty Papers can now further strengthen its services and expand its product range to specialty paper and new areas of application. Tervasaari machines will also have a significant role in this expansion.

UPM has long focused on the continuous improvement of safety at work through its Step Change in Safety programme, and major efforts have been made at Tervasaari to improve occupational safety. In 2019, UPM Specialty Papers boasted a record-low lost time accident frequency, but the Tervasaari mill fell slightly short of the record level of 2018. Nonetheless, there were no serious accidents in 2019. Within the external workforce, there were no work related accidents that resulted in sick leave during the year. In 2019, we began preparations at Tervasaari for updating our occupational safety management system to the new ISO 45001 system during 2020.

We continued our company-wide Clean Run campaign to further improve the management of environmental issues. In 2019, Tervasaari did not receive any environmental reports from stakeholders related to the operation of the mill. We set an internal target for reducing the effluent wastewater volume generated through paper production in 2019, and we achieved this target. Our operations continued to be evaluated by both environmental authorities and independent external product safety and environmental specialists in 2019.

Customer enquiries regarding our products mainly related to product safety, the origin of wood raw materials, forest certification, the amount of recycled fibre used in paper, and management systems. In recent enquiries, the origin of wood has been one of the most popular topics. Product safety is especially important in the case of labelling and packaging papers used by the food industry. Our papers are safe to use throughout their product lifecycles, and papers with food contact certificates can be used in direct contact with dry and non-fatty foods.

We continued our research on how to recover fly ash and other industrial sidestreams using new technologies.

In 2019, UPM Specialty Papers mills joined a food industry material efficiency campaign launched by Motiva. Participants commit to implementing material efficiency efforts in their business.

Material efficiency and the ecodesign of products form part of the sustainable development programme at Tervasaari. Some examples of material efficiency include minimising raw material losses and ensuring production efficiency. Furthermore, in the production of paper products, the impact of the product on the whole value chain must be considered as comprehensively as possible. UPM Specialty Papers is developing new, lighter labelling and packaging products which use fewer raw materials. The material efficiency of the product's entire value chain has also been improved, and, for example, the CO_2 emissions from the transportation chain have been reduced. UPM Specialty Papers is committed to developing packaging materials from renewable raw materials for the food supply chain. These materials ensure that food remains intact and minimise food loss in the production and storage chain.

UPM's Biofore – Beyond Fossils strategy is all about seizing the unlimited opportunities of bioeconomy. We deliver renewable and responsible solutions and innovate for a future beyond fossils. All of this is an integral part of the sustainable development strategy at Tervasaari.

Laura Remes
General Manager

Harri Hiltunen,
Senior Manager, HSEQ

UPM Tervasaari

Responsibility figures 2019

Waste

0%

to landfill

Taxes

Mill´s local tax impact approx.

9 million euros

Real estate tax 0.5 million euros
Estimate of tax on salaries 2.8 million euros
Estimate of corporate income tax 6.2 million euros based on the number of employees*

* Approximately 30% of corporate income tax goes to municipalities, which is split between each municipality according to their share of business activities and forests operations.

Consumption impact*

Mill´s consumption impact in region approx.

13 million euros

in Finland approx.

19 million euros

* Private consumption of assets generated through the net income of internal and indirect employees

Air

Decrease in fluidised bed boiler emissions after investment in scrubbers

SO_2 **84%**

CO_2 **32%**

Particulates 99%

Energy

Biomass-based fuel makes up

55%

of fuel used

Water

Phosphorus

17%

lower than in 2018

Nitrogen

38%

lower than in 2018

Safety

The lost time accident frequency (LTAF) resulting in sick leave has improved from 2010 by

78%

Number of safety and environmental observations, incident reports, safety reviews and safety discussions recorded by Tervasaari employees in 2019

2,135

Community

105

primary school pupils and supporters participated in the Local Waters project

Certified fiber

82%

of fibre used in paper production was FSC- or PEFC-certified

Supply chain

97%

of raw materials spend qualified against UPM Supplier and Third Party Code (wood suppliers not included)

Employment

UPM Tervasaari employed

332 people

Indirect employment effect in region approx.

250 persons

Number of summer employees

40 people

Health

Amount contributed to employee exercise and culture programmes

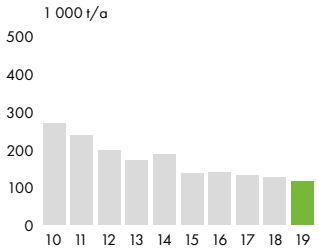
66,400 euros

Air

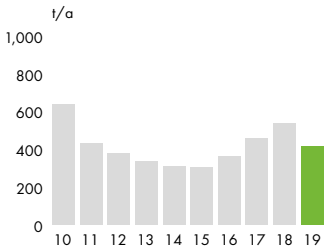
In recent years, industry in the Valkeakoski region has undergone dramatic changes that have resulted in a decrease in airborne emissions. Air quality monitoring in Valkeakoski has therefore been discontinued as of 31 December 2015.

Airborne emissions from the Tervasaari mill remained below permitted limits throughout the year. The fluidised bed boiler's flue gas purification unit, commissioned at the end of 2014, has helped to dramatically reduce the mill's SO_2 and particulate emissions. In 2019, NO_X emissions from the mill dropped because natural gas boiler K3 was not used as peak power during the winter period.

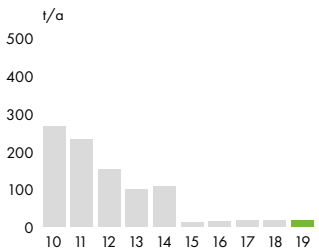
Fossil carbon dioxide, CO_2



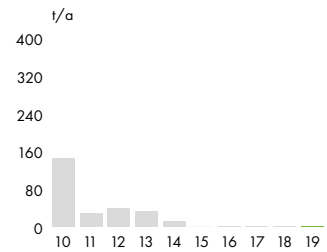
Nitrogen oxides, NO_X



Sulphur dioxide, SO_2



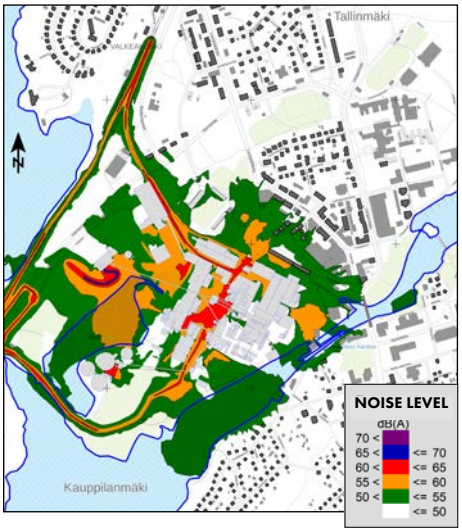
Particulates



Noise

The annual noise measurements required by the Tervasaari environmental permit were conducted in 2019. The measurement results have been reported to the environmental protection authorities of Valkeakoski and the Pirkanmaa Centre for Economic Development, Transport and the Environment.

Noise propagation was modelled using SoundPLAN software and the Nordic noise prediction method for road, railway and industry noise. The modelling is based on the average daytime sound level (LAeq7-22) of process noise, heavy traffic and rail traffic at the Tervasaari mill in summer 2019.



Waste

UPM Specialty Papers mills joined a food industry material efficiency campaign launched by Motiva in 2019. As part of the campaign, we commit to implementing various material efficiency efforts in our business.

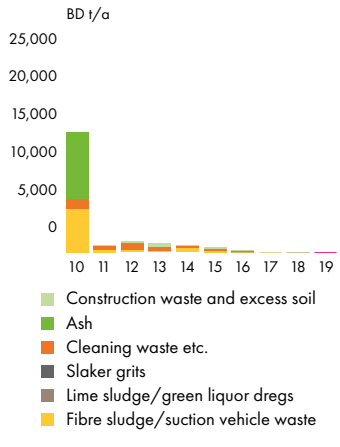
Tervasaari is actively involved in UPM's Zero Solid Waste project. One of the project's aims is to eliminate all solid waste taken to landfill by improving the sorting and recycling of waste. Tervasaari had already achieved this by the end of 2016.

We have set ourselves the permanent goal of recovering all fractions from UPM Tervasaari and not taking any production waste to the Suikki landfill. In 2019, we continued to collaborate with various research institutes and other third parties to ensure the recovery of waste, and we aim to develop new methods to ensure the recovery of industrial by-products. However, the Suikki industrial landfill can continue to be used as an interim storage area for materials being directed to recovery, if necessary.

In 2019, fly ash and fluidised bed boiler bottom ash were used in the closure of UPM's Kalatonlahti landfill. We were able to keep the proportion of recovered waste at a high level through improved sorting practices. Essentially all waste produced in 2019 was recovered.

Leachates from the Kalatonlahti and Suikki landfills are processed at Tervasaari's biological effluent treatment plant.

Solid waste taken to landfill



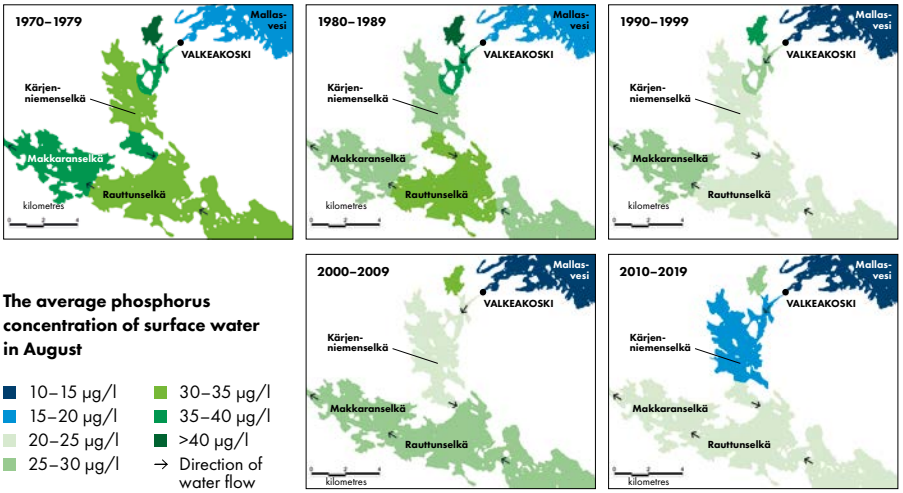
Water

In 2019, we were able to reduce wastewater volumes generated in paper production by implementing process changes. The effluent volume treated at the Tervasaari effluent treatment plant decreased by approximately 11% from the previous year.

The planned reduction in the amount of nutrients used at the treatment plant affected the BOD_7 content of outflowing wastewater, and the mill's BOD_7 emissions increased compared to the previous year. Nutrient emissions dropped significantly: phosphorus emissions by 17% and nitrogen emissions by 38%.

All the measurements related to effluent emissions remained well below the permit limits. In most cases, the measurements were also clearly below the internal target limits set for 2019. The only exception was BOD_7, and even these emissions did not exceed the target limit.

As was the case last year, a controlled stream of warm process water was directed to the mill's effluent treatment plant during the coldest time of the year to keep the temperature of the wastewater processed at the biological treatment plant at an optimal level for winter conditions and to support the viability of the wastewater treatment microbes.

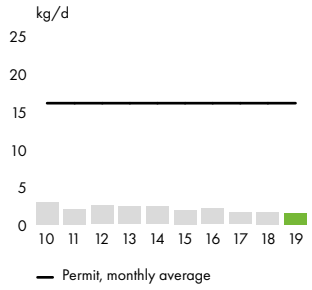


The average phosphorus concentration of surface water in August

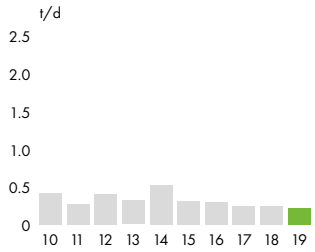
- 10–15 µg/l
- 15–20 µg/l
- 20–25 µg/l
- 25–30 µg/l
- 30–35 µg/l
- 35–40 µg/l
- >40 µg/l
- → Direction of water flow

In the long term, the eutrophy level in the Valkeakoski area has decreased significantly due to the reduction of the point source load. This can be seen in the decrease in average phosphorus concentration below Valkeakoski. Currently, the phosphorus concentration there is already lower than in Rauttunselkä and Makkaranselkä, where the higher eutrophy level is sustained by nonpoint source pollution (Source: KVVY Tutkimus Oy).

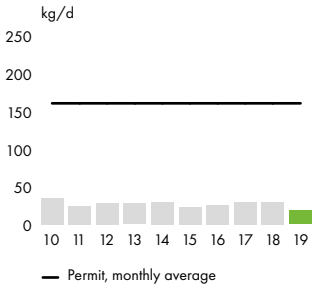
Phosphorus, P



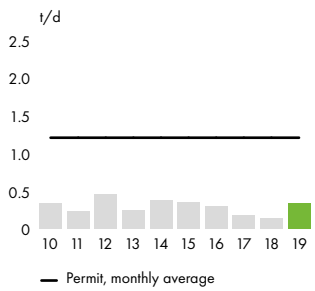
Total suspended solids, TSS



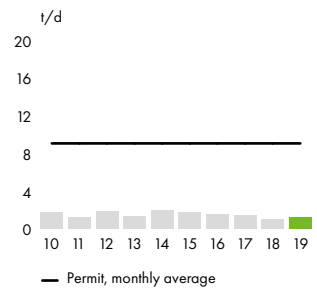
Nitrogen, N



Biological oxygen demand, BOD_7



Chemical oxygen demand, COD



Management of crises and exceptional situations

Tervasaari mill management and the safety organisation are responsible for the prevention of exceptional situations and the operational management of crises and exceptional situations. The Tervasaari mill has guidelines and rescue and firefighting plans for exceptional situations.

The general manager heads the management of exceptional situations. Mill experts support the general manager in these efforts by providing specific expertise. In the event of a major exceptional situation, these experts form the mill's crisis management team, which is responsible for the operational management of the situation. A major exceptional situation is an unforeseen chain of events that proceeds rapidly and has a significant impact on operations. Exceptional situations include serious accidents and hazardous situations (large fires, explosions and chemical and traffic accidents on the mill site), environmental damages, serious work-related injuries, cybersecurity threats and information attacks.

The operations of the mill safety organisation cover expert duties in occupational safety, mill guarding, firefighting and rescue operations, and the control of hazardous substances. Drills related to exceptional situations are an important part of preventive safety work. Firefighting and rescue operations are always led by the rescue authorities.

Societal responsibility

Collaboration with local communities
Well-functioning dialogue and collaboration with stakeholders is key to our success. We are committed to promoting the vitality of the communities near our facilities through active collaboration and open dialogue with different stakeholders, as well as through different sponsorship projects and employee volunteering.

We impact local communities and society in various ways. Understanding the impact that we have is an essential component of our success in business. In many locations, we are a significant employer, taxpayer and partner to local entrepreneurs, making positive contributions to the local economy.

Safety
UPM aims to be the industry leader in occupational health and safety matters. Our target is zero fatal and serious accidents. Safety is fully integrated into our daily activities and is not seen as secondary to any other consideration. We strive to reduce and eliminate accidents under our control through continuous improvement and effective risk management.

Our employees, as well as business partners and their employees, are required to adopt safe work practices and to comply with the rules and standards that we have established. Before accessing UPM production sites, contractors participate in UPM safety training, which presents and demonstrates the basic safety requirements. This is complemented by job-specific safety inductions and work permits.

During UPM's Safety at Work week, several different activities were organised at Tervasaari in collaboration with the mill's occupational health care organisation. Themes included guidelines related to safety at work, safe tools and workwear, work recovery, and the ergonomics of lifting and garden work. An evacuation drill was organised at the mill and employees could bring small hand extinguishers and bicycles to be serviced on mill premises.

Tervasaari mill employees regularly take part in safety training, such as safety standard training, occupational safety card training, hot work licence training and first aid training. In the second half of the year, a group of Tervasaari employees participated in a training event organised by the Finnish Institute of Occupational Health that focused on the human factors affecting safety at work.

In addition to fire safety, the Tervasaari mill fire service is active in many other safety service areas, such as ensuring safety for work at heights, as well as training employees on different topics. The mill fire service employees are professionals in different fields who are also qualified for fire service. The Tervasaari mill fire service is a contracted fire service in the Pirkanmaa region and is therefore an integral part of the local fire and rescue services organisation.

The Biofore Share and Care programme
We support sustainable development and promote the financial and mental wellbeing of the communities around us by participating in numerous community projects as a company. Our work in this arena is clearly connected to our Biofore Strategy and responsibility targets. It is co-ordinated under the umbrella of our Biofore Share and Care programme.

The Biofore Share and Care programme comprises three forms of support: sponsorships, donations and employee volunteering. The support can be a monetary contribution, products, materials or employee volunteering. Our focus is on activities and projects that are relevant to our business, support innovation and sustainability, or promote local vitality and wellbeing. The areas of focus of the Biofore Share and Care programme are reading and learning, engaging with communities, responsible water use and boosting bioinnovations.

Tervasaari has been actively involved in UPM's Local Waters project, where schools near UPM's Finnish mills have the opportunity to study and monitor local waters with donated instruments. Local rotary clubs have collaborated on the project. This year, members of the Tervasaari mill executive team and other Tervasaari employees visited the geriatric unit of Valkeakoski to take some of the elderly patients for some fresh air and to keep them company. Tervasaari also contributed to purchasing road safety exercise books for two primary schools in Valkeakoski and supported local sports clubs. Supporting local communities has been on the mill's agenda for several years.

In November 2019, Tervasaari participated in the national "Bring your child to work" day for the second time. In total, 65 primary and secondary school pupils from grades 1 to 9 got to visit the mill.

During the summer season 2019, the Tervasaari mill offered summer and internship positions to approximately 40 young people and students studying in the field. Feedback received from the summer employees highlighted good orientation, the attention paid to safety matters, and the easy-going atmosphere of the workplace. Active collaboration with local educational institutions continued. Groups of students from vocational schools visited the mill to learn about the paper manufacturing process. Students can also complete internships at Tervasaari as part of their studies. In the Pirkanmaa region, we participate in recruitment events organised by educational institutions to provide students with information on future job opportunities.

In May 2019, the Tervasaari mill organised a job shadowing event for the second-year students of Valkeakoski upper secondary school. The students worked in small groups and learnt about financial parameters and the environmental and societal responsibility of the company.

Health and wellbeing at work
Matters related to occupational health and safety and wellbeing at work are regularly discussed in working groups, such as the occupational safety steering group, the occupational safety and health committee and the wellbeing at work group. These groups include representatives from the Tervasaari mill and the occupational health care organisation. A wellbeing at work campaign has also been created for employees. The aim of the campaign is to help super-

A series of safety events was arranged at the mill gate in the autumn of 2019. Employees arriving at work received safety information leaflets and were asked to consider what makes their working day safe.

More than 60 children visited their mother's or father's workplace on "Bring your child to work" day at the Tervasaari mill. Before seeing the actual paper machines, the children listened to a talk on the mill and paper manufacturing.

visors strengthen the working capacity of employees, support the working capacity of individuals and encourage employees to participate in activities such as UPM's courses for getting fit. The Tervasaari mill has its own gym that employees can use free of charge. UPM also supports employees' exercise and cultural activities.

Personnel development
We encourage our employees to develop their professional skills by arranging several training and coaching events every year. In 2019, one of the events was a joint training day for the supervisors working at Tervasaari and Jämsänkoski. The agenda of the day was improving your skills as a supervisor. Apprenticeships provide a good way of educating future professionals. In autumn 2017, UPM Tervasaari, UPM Rauma and UPM Jämsä River Mills launched a joint two-year apprenticeship programme for power plant operators. In October 2019, it was time to celebrate as five students performing their apprenticeships at Tervasaari received their diplomas. Apprenticeships will continue at the Tervasaari mill in 2020. There are groups for a further vocational qualification in the processing industry and in maintenance, and the groups include around 20 students.

In September, Tervasaari employees actively filled in UPM's annual employee engagement survey. The results of the survey were used to create a joint action plan for the mill for the year 2020. Key topics were safety, promoting an open atmosphere and improving the mill's feedback culture.

Tax contributions
Tax revenue generated by UPM's business operations is an essential part of our societal impact. UPM pays corporate income taxes in the countries where we create added value and generate profit. Due to our corporate and operational structure, we mainly report and pay our corporate income taxes in the countries of production and in the countries where innovations are being developed. In addition to the taxes we pay on income, our various production inputs and outputs are also subject to taxation. Taxes are paid in accordance with the local tax legislation and regulations of the country in question. In 2019, UPM (Group) paid approximately 211 million euros (283 million in 2018) in total in corporate income taxes and real estate taxes.

The mills' operations also benefit local communities in many ways. Real estate taxes and the municipal share of corporate income taxes paid by UPM support the local economy. In addition, the taxes and social security contributions that UPM employees pay on their wages also have a significant local impact. Furthermore, the purchasing power of UPM employees and subcontractors maintains and enhances the vitality of local communities.

Responsible sourcing
UPM is committed to responsible sourcing practices throughout the entire supply chain. We work closely with our suppliers to ensure that they understand and meet the company's requirements for sustainability and responsibility. We require all suppliers to uphold the UPM Supplier and Third Party Code, which lays out our minimum requirements for corporate responsibility relating to environmental impact, human rights, labour practices, health and safety, product safety, corruption and bribery.

UPM's target is to have 100% of raw material spend and 80% of all spend qualified against the UPM Supplier and Third Party Code by 2030 (Qualified spend). In 2019, 94% of UPM's raw material spend and 84% of all spend was qualified against the UPM Supplier and Third Party Code. At Tervasaari, this figure was 97%.

The mill fire service organises versatile safety training for mill employees.

Environmental parameters

The figures related to production as well as raw material and energy consumption are published as aggregated figures on group level in the UPM Corporate Environmental and Societal Responsibility Statement.

		2017	2018	**2019**
Production capacity	Paper	300,000 t	300,000 t	300,000 t
Raw materials	Pulp Chemicals	See UPM Corporate Environmental and Societal Responsibility Statement		
Energy	Biomass-based fuels Fossil fuels Purchased energy[1]	51% 49%	52% 48%	55% 45%
Emissions to air	Particulates Sulphur dioxide, SO_2 Nitrogen oxides, NO_x Fossil CO_2	0.4 t 18.2 t 459 t 130,000 t	0.3 t 18.3 t 538.4 t 127,082 t	0.3 t 17.0 t 412.9 t 115,146 t
Water intake	Process and cooling water	10,027,790 m^3	10,391,395 m^3	9,475,225 m^3
Discharges to water	Clean cooling water Process effluent BOD_7 COD_{Cr} Solids Phosphorus Nitrogen	5,233,838 m^3 5,067,820 m^3 59.3 t 410.7 t 85.6 t 0.6 t 10.3 t	5,833,974 m^3 4,660,080 m^3 49.2 t 361 t 87.4 t 0.6 t 10.8 t	5,334,998 m^3 4,164,960 m^3 122.1 t 458.5 t 79.2 t 0.5 t 6.7 t
Waste	Waste to landfill Recycled waste – Metal waste – Ash – Energy waste – Waste paper and board and domestic waste – Others Intermediate storage Hazardous waste	[2] 	0 t 430 t 8,377 t 164 t 49 t 0 t 98.9 t	0 t 389 t 6,665 t 676 t 306 t 84 t 0 t 140.2 t
Size of mill area Including all landfills maintained by the mill		90 ha	90 ha	90 ha

[1] See UPM Corporate Environmental and Societal Responsibility Statement for more information (e.g. energy indicators)
[2] Reporting of waste data was changed in 2018

Performance against targets in 2019

TARGETS	ACHIEVEMENT	COMMENTS
The most significant actions for improving safety and protecting the environment in 2019 were:		
1 Preventing environmental non-compliance and achieving the Clean Run objectives: COD < 1.7 t/d; BOD_7 < 0.3 t/d, N < 29 kg/d and P < 2,5 kg/d	Yes	The treatment plant has been reliable. Other emissions were below internal targets, but BOD_7 was at the target level. No Clean Run non-compliance in categories 3, 4 and 5
2 Airborne emissions; fluidised bed boiler		
– NO_x < 200 mg/m^3(n)	No	NO_x emissions slightly exceeded internal targets for airborne emissions due to air input issues in the fluidised bed boiler towards the end of the year. Other airborne emissions were significantly lower than the established targets.
– SO_2 < 20 mg/m^3(n)	Yes	
– Particulates < 5 mg/m^3(n)	Yes	
3 Reducing water consumption, the loss of solids and the amount of solid waste:		
Water consumption 8.2 m^3/t	No	On average, specific effluent consumption exceeded the target, although Tervasaari was able to reduce wastewater volumes.
Solids losses 0.62%	Yes	The target was met for solids losses.
Improving the sorting of waste to be incinerated	Yes	Sorting of the different types of waste produced by the mill was improved.
0 t/a of taxable waste taken to landfill	Yes	No taxable waste was taken to landfill.
4 Increasing opportunities for ash recovery: Aim to recover 100% of fly ash Participation in at least one ash road project or other ash recovery project	Yes	The fluidised bed boiler's sand recycling worked outstandingly, which significantly reduced the amount of bottom ash removed from the system. Fly ash was recovered according to plan.
5 Improving energy efficiency: Reducing the use of natural gas by 50,000 MWh compared to the 2018 level	No	The target was not met in energy production due to problems in the combustion process of the fluidised bed boiler.

Targets for 2020

TARGETS
1 Preventing environmental non-compliance and achieving the Clean Run objectives: COD < 1.6 t/d; BOD_7 < 0.25 t/d, N < 29 kg/d and P < 2.5 kg/d
2 Airborne emissions; fluidised bed boiler – NO_x < 200 mg/m^3(n) – SO_2 < 10 mg/m^3(n) – Particulates < 4 mg/m^3(n)
3 Reducing water consumption, the loss of solids and the amount of solid waste: Water consumption 8.2 m^3/t Solids losses 0.60% Improving the sorting of waste to be incinerated 0 t/a of taxable waste taken to landfill
4 Increasing opportunities for recovery of ash: Aim to recover 100% of fly ash Participation in at least one ash road project or other ash recovery project
5 Improving energy efficiency: Increasing the use of recycled wood by 40,000 MWh compared to the level for 2017 Paper machine energy efficiency audits

EMAS
Verified environmental management
REG.NO. FI - 000058

Revalidation statement

As an accredited environmental verifier (FI-V-0001), Inspecta Sertifiointi Oy has examined the environmental management system and updated UPM Tervasaari Environmental and Societal Responsibility 2019 report as well as the information concerning UPM Tervasaari in the Updated UPM Corporate Environmental Statement 2019.

On the basis of this examination, the environmental verifier has herewith confirmed on 2020-01-04 that the environmental management system, the updated UPM Tervasaari Environmental and Societal Responsibility report and the information concerning UPM Tervasaari in the Updated UPM Corporate Environmental Statement are in compliance with the requirements of the EMAS Regulation (EC) No 1221/2009.

We reduce the world's reliance on fossil-based materials by developing renewable and responsible products and solutions in all our businesses. **UPM Biofore – Beyond fossils.**

UPM

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