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### Introduction

Future Processing's mission is to develop technological solutions to allow people and organisations realise their full potential and have a positive impact on the world. It is reflected in the IT projects we deliver, but also translates into systematically reducing our negative impact on the environment while promoting good practices in this respect. Our company creates a culture of sustainability through various go-green activities, some of which are listed below.

# Governance structure for environmental management

At Future Processing, we have established a dedicated committee responsible for overseeing the reduction of utility consumption (energy, water, and heat) and waste generation, ensuring alignment with our sustainability goals. This committee consists of:

- Non-IT Infrastructure Manager Oversees the management of all non-IT infrastructure, ensuring that energy efficiency and waste reduction measures are implemented across all facilities.
- ESG Manager Responsible for the overall ESG strategy, ensuring that the company's sustainability objectives are met and reporting on key performance indicators (KPIs) related to environmental impact.

Both the Non-IT Infrastructure Manager and the ESG Manager report directly to the management board. They are responsible for tracking and reporting on the following KPIs:

- Energy Consumption: Reduction in electricity and heat consumption, with a clear focus on increasing energy efficiency.
- Water Usage: Implementing measures to reduce water consumption across all facilities.
- Waste Management: Reducing the generation of electronic waste (e-waste) and general waste through improved recycling programs and waste minimization strategies.

These efforts are in line with our commitment to continuously improve our environmental performance and meet the sustainability goals outlined in this policy. The committee ensures regular Monitoring and reporting of progress, ensuring that Future Processing remains accountable and transparent in its sustainability efforts.

## Commitment to Greenhouse Gas Emission Reduction

At Future Processing, we are committed to reducing our greenhouse gas (GHG) emissions through improvements in energy efficiency and the increased use of renewable energy sources. Our focus is on reducing the consumption of grid-based electricity and heat.

### **Electricity consumption reduction:**

- 2022 Baseline: In 2022, our total electricity consumption was 626,479 kWh.
- 2030 Target: Although our total electricity consumption may increase to 652,400 kWh due to business growth, we plan to significantly offset grid-based electricity consumption through our photovoltaic installations, which are expected to produce 161,887.3 kWh annually by 2030. This will result in a net reduction of electricity sourced from the grid, reducing our carbon footprint.

#### In terms of electricity savings, we have taken several measures:

- A network of weekly controllers was installed on the connections between buildings in FP Park.
- A network of time switches was installed at water filters; filter operation time is 5.30 – 18.00. The settings are checked (monthly).
- Coffee machines are set to **standby** after 30 minutes. The settings are checked (monthly).
- Installation of movement detectors in toilets.
- **Presence detectors** activate lighting so there is no problem with leaving the light on.
- A ventilation operation schedule with monthly monitoring of settings has been introduced.
- An **energy efficiency programme** for the lighting system has been implemented.
- Adjusting the quality of light to the space.
- Reducing energy costs (restriction of car park lamp operation adapted to FP working hours no lights on between 22:00 and 5:45 and at weekends).
- Implementation of environmentally friendly lighting.
- Energy-saving bulbs have been installed in all FPark premises.

We continue to work on implementing other cost-saving solutions. One of the solutions we have proposed is to implement a system with IT **to switch off unused equipment for the night remotely**. An engineer wishing to work remotely will start his machine with a wake of LAN. At the moment, we calculate that this will result in savings of:

- 70 kWh per day building F4C
- 90 kWh per day F4AB building
- 70 kWh per day F3
- **50 kWh** building F1 and F2

### **Heat consumption reduction:**

- 2022 Baseline: Our total heat consumption in 2022 was 3100.25 GJ.
- **2030 Target:** We aim to reduce heat consumption to **1471 GJ** by 2030, representing more than a 50% reduction.

## **Greenhouse Gas Emissions Impact:**

 The reduction in grid-based electricity consumption and the decrease in heat consumption will lead to a 30% reduction in total GHG emissions by 2030, aligning with our sustainability goals and international climate commitments.

## **Water Consumption Targets for 2030**

Goal: Reduce water consumption by 11% by 2030 compared to 2022 levels.

In line with our commitment to sustainability and resource efficiency, we aim to reduce our total water consumption by **11% by 2030**, compared to the baseline of 2022. This target is aligned with our broader environmental objectives and global sustainability standards, including those set by EcoVadis.

#### **Specific Actions:**

To achieve this reduction, we will implement the following measures:

- **1. Optimization of water infrastructure:** Regular maintenance and upgrades to reduce leaks and inefficiencies.
- **2. Installation of water-efficient devices:** Introducing water-saving fixtures and systems in all company facilities.
- **3. Employee awareness and engagement:** Conducting training and awareness campaigns to promote water-saving behaviors.

#### Measurable:

- 2022 Baseline: Our total water consumption in 2022 was 2710 m³ across all facilities.
- 2030 Target: We aim to lower our water consumption to 2400 m³ by 2030, resulting in a reduction of 310 m³ annually, equating to an 11% reduction.

#### **Achievable:**

The target reduction is feasible, given that we have already made strides in decreasing water usage. Between 2022 and 2024, we plan to reduce consumption from 2710 m³ to 2555 m³. The further reduction to 2400 m³ by 2030 is a continuation of these efforts and builds on our existing initiatives.

#### Relevant:

 Water conservation is a key aspect of our sustainability strategy and aligns with global priorities for responsible water use. Reducing water consumption helps conserve natural resources and supports our commitment to the United Nations Sustainable Development Goals (SDG 6: Clean Water and Sanitation).

#### Time-bound:

 Target Date: We commit to reaching our target of 2400 m³ of water consumption annually by December 31, 2030.

#### Monitoring and reporting:

We will regularly monitor and report on our water consumption to ensure we are on track to meet our 2030 target. Data from **2024** will serve as an intermediate milestone to assess progress and adjust our strategy if necessary.

#### **Specific actions:**

In case our progress deviates from the target, additional measures will be implemented, such as:



- Further optimization of water management systems.
- Enhanced employee engagement through campaigns on water conservation.
- Adoption of innovative water-saving technologies.

# Water consumption targets for 2030 (per building) 2022 Baseline (Water - m³)

Building F1	Building F2	Building 3	Building F4
712 m³	1,186 m³	812 m³	2,710 m³

# Water consumption targets for 2030 (per building) 2030 Target (Water – m³)

Building F1	Building F2	Building 3	Building F4
700 m³ • Reduction by 1.7%	1,000 m³  • Reduction by 15.7%	700 m³ • Reduction by 13.7%	2,400 m³ Reduction by 11.4%

## **Heat consumption targets for 2030**

Goal: Reduce heat consumption by 52.5% by 2030 compared to 2022 levels.

As part of our commitment to energy efficiency and reducing greenhouse gas emissions, we aim to reduce our total heat consumption by 52.5% by 2030 compared to our 2022 baseline. This goal aligns with our sustainability strategy and supports global climate initiatives, including those set by EcoVadis.

#### **Specific Actions:**

To achieve this reduction in heat consumption, we plan to:

- **1. Implement energy-efficient heating systems:** Upgrade or replace heating infrastructure in all facilities to more energy-efficient models.
- **2. Introduce advanced building insulation:** Improve the insulation of buildings to reduce heat loss and optimize energy use.
- **3. Employee engagement and behavior change:** Launch awareness programs to encourage employees to adopt energy-saving behaviors, such as reducing unnecessary heating during off-hours.

#### Measurable:

- 2022 Baseline: Our total heat consumption in 2022 was 3100.25 GJ across all facilities.
- 2030 Target: We aim to lower our heat consumption to 1471 GJ by 2030, achieving a reduction of 1629.25 GJ, which represents a 52.5% decrease.

#### **Achievable:**

The target is realistic, considering that between 2022 and 2024 we expect to reduce heat consumption from 3100.25 GJ to 1609.2 GJ, which reflects a significant improvement in our energy management practices. The reduction to 1471 GJ by 2030 is a natural progression of these efforts.

#### Relevant:

 Reducing heat consumption is crucial for decreasing our carbon footprint and is directly aligned with our commitment to achieving energy efficiency. This goal supports our broader environmental objectives, including meeting global climate action targets (SDG 13: Climate Action).

#### Time-bound:

• **Target Date:** We commit to achieving our target of 1471 GJ of heat consumption annually by **December 31, 2030.** 

#### Monitoring and reporting:

We will regularly monitor and report our heat consumption data to ensure we remain on track to meet the 2030 target. We will use **2024** as an intermediate checkpoint to review our progress and make adjustments if necessary.

#### **Specific actions:**

If our heat consumption reduction goals are not being met, we will implement corrective actions, including:

- Further upgrading heating systems to more energy-efficient models.
- Increasing insulation efforts in underperforming buildings.
- Strengthening our employee engagement campaigns to foster a culture of energy-saving awareness.

# Heat consumption targets for 2030 (per building) 2022 Baseline (Heat – GJ)

Building F1	Building F2	Building 3	Building F4
518 GJ	997 GJ	1,585 GJ	1,023 GJ

# Heat consumption targets for 2030 (per building) 2030 Target (Heat – GJ)

Building F1	Building F2	Building 3	Building F4
350 GJ • Reduction by 32.4%	510 GJ • Reduction by 48.8%	611 GJ • Reduction by 61.4%	432 GJ • Reduction by 57.7%

Summary of targets per building by 2030				
Building:	Electricity (kWh)	Water (m³)	Heat (GJ)	
210,500	210,500	700	350	
210,500	228,200	1,000	510	
210,500	146,500	700	611	
210,500	213,700	2,400	432	

# Electricity consumption targets for 2030 (including photovoltaic energy)

Goal: Further reduce net electricity consumption by 11.8% by 2030 compared to 2022 levels through energy efficiency and increased reliance on renewable energy sources (photovoltaics).

By increasing our reliance on renewable energy sources, particularly photovoltaic systems, we aim to not only reduce overall electricity consumption but also significantly offset grid-based electricity demand. This will contribute to a more sustainable energy footprint, aligned with our broader environmental and sustainability goals.

#### **Specific Actions:**

#### To achieve this reduction, we plan to:

- 1. Optimize the use of photovoltaic (PV) systems: Increase the share of electricity produced by our PV installations, particularly at our F4 and F4C facilities, to cover a substantial part of our total energy needs.
- **2. Continue energy efficiency measures:** Alongside renewable energy integration, we will continue to upgrade lighting systems, HVAC, and other equipment to minimize consumption from non-renewable sources.
- **3. Employee engagement:** Maintain efforts to encourage responsible energy use across all facilities.

#### Measurable:

- 2022 Baseline: Our total electricity consumption in 2022 was 626,479 kWh.
- 2030 Target: We aim to lower net electricity consumption by 2030 to 652,400 kWh, including the offset provided by solar energy production.
- Photovoltaic Contribution:
  - In 2024, we expect solar energy to produce 161,887.3 kWh, covering a portion of our total electricity needs.
  - By 2030, photovoltaic systems will continue to contribute 161,887.3 kWh, further reducing the total grid consumption.



#### **Achievable:**

 The projected offset from PV systems in both 2024 and 2030 makes our electricity reduction target even more attainable. Our reliance on grid electricity will decrease while maintaining overall energy consumption due to renewable energy generation.

#### Relevant:

Increasing renewable energy production is a crucial step in achieving our sustainability targets and aligns with SDG 7 (Affordable and Clean Energy) and SDG 13 (Climate Action). By reducing grid electricity dependence and increasing PV energy production, we are contributing to global climate goals.

#### Time-bound:

 Target Date: We commit to achieving our electricity consumption target of 652,400 kWh (including the photovoltaic contribution) by December 31, 2030.

#### Monitoring and reporting:

We will track electricity consumption and PV energy production regularly, ensuring that we meet our 2030 targets. Data from **2024** will provide an intermediate milestone to assess progress and make any necessary adjustments.

#### **Specific actions:**

#### If the goals are not met:

- We will explore options to expand PV installations or increase the efficiency of the current systems.
- Further energy efficiency measures will be introduced, and energy management systems will be enhanced.

2022 Baseline (Electricity – kWh)				
Building F1	Building F2	Building 3	Building F4	
240,258 kWh	239,552 kWh	207,725 kWh	323,697 kWh	

2030 Target (Electricity – kWh)			
Building F1	Building F2	Building 3	Building F4
210,500 kWh • Reduction by 12.4%	228,200 kWh	146,500 kWh	213,700 kWh

# E-waste and large-scale waste targets for 2030

Goal: Reduce e-waste to 300 kg by 2030, while also managing large-scale waste and specific battery and IT-related waste streams.

We aim to achieve a reduction in electronic waste (e-waste) to 300 kg per year by 2030, in line with our sustainability commitments. We will also continue to manage large-scale waste, batteries, and IT equipment responsibly.

#### **Specific Actions:**

#### To meet this goal, the following actions will be implemented:

- Responsible procurement and equipment lifecycle extension: Increase the lifespan of IT and electronic equipment through repair, refurbishment, and reuse programs.
- **2. Recycling programs:** Strengthen e-waste recycling programs across all facilities to ensure proper disposal of electronic equipment.
- **3. Employee awareness:** Conduct regular employee training and awareness programs on how to minimize e-waste and dispose of electronic items responsibly.
- **4. Battery and IT Equipment Management:** Continue responsible sale and recycling of batteries, accumulators, and large IT equipment.

#### Measurable:

E-waste		
2022	First half:	200 kg of e-waste
Baseline	Total for the year:	730 kg
	First half:	550 kg
2023	Total for the year:	660 kg (plus 1.53 tons of batteries and accumulators sold)
	First half:	200 kg of e-waste
2024 Forecast	Large-scale waste:	1.2 tons
	End-of-year target:	400-500 kg of e-waste
2030 Target	Total annual e-waste target:	300 kg

#### Achievable:

 The goal of reducing e-waste to 300 kg by 2030 is achievable, given the trends observed in 2023 and 2024. The implementation of more robust recycling and equipment lifecycle management processes will further support this reduction.

#### Relevant:

Reducing e-waste is critical for our sustainability strategy, as it aligns with waste minimization goals and helps limit harmful environmental impacts from electronic waste. This goal also supports global circular economy principles, ensuring that we contribute to SDG 12 (Responsible Consumption and Production).

#### Time-bound:

 Target Date: We commit to achieving the goal of reducing e-waste to 300 kg per year by December 31, 2030.

E-waste reduction targets per year			
Year	Total E-waste (kg)	Additional Waste (e.g., batteries, large-scale)	
2022	730 kg	-	
2023	660 kg	1.53 tons of batteries and accumulators	
2024	400-500 kg (Forecast)	1.2 tons of large-scale waste	
2030	300 kg (Target)	TBD	

#### Monitoring and reporting:

We will closely monitor the amount of e-waste generated every year. In addition, we will track the disposal of large-scale waste, such as batteries and accumulators, through regular reporting to ensure that our waste management program is in line with our sustainability goals.

#### **Specific actions:**

#### If e-waste reduction targets are not being met, we will:

- Increase repair and refurbishment programs to extend equipment lifecycles.
- Strengthen recycling partnerships to ensure efficient e-waste processing.
- Explore additional strategies for reducing the generation of electronic waste, such as reducing overall IT equipment purchases or adopting more energy-efficient and sustainable technologies.

# Waste management and reduction targets

Future Processing is committed to minimizing waste generation and improving recycling rates in line with our sustainability goals. By 2030, we aim to significantly reduce waste across all categories (paper, plastic, glass, bio) and enhance our waste management systems.

Current waste data				
Year	Paper	Plastic	Glass	Bio
2022	2.08 Mg	0.98 Mg	0.00 Mg	0.00 Mg
2023	1.78 Mg	0.80 Mg • reduced by 18.4% compared to 2022	0.04 Mg	1.02 Mg introduced in 2023

#### Waste reduction targets for 2030

We aim to reduce total waste generation and increase recycling across all waste categories by 2030:

- Paper: We target a 20% reduction in paper waste compared to 2023 levels.
- Plastic: A target of reducing plastic waste by 15% by promoting recycling programs and reducing single-use plastics.
- Glass: Increase the recycling and proper disposal of glass waste, aiming for 0.10 Mg
  of recycled glass by 2030.
- **Bio Waste:** Maintain and improve bio waste management, aiming to keep bio waste at **1.00 Mg** or below through composting and efficient waste sorting systems.

#### **Specific actions**

To achieve these goals, we will implement the following actions:

#### Paper waste reduction:

- Digitization of documents and processes to minimize paper usage.
- Implement double-sided printing as default and reduce unnecessary printing.

#### Plastic waste reduction:

- Increase awareness and use of reusable materials among employees (e.g., bottles, containers).
- Implement a company-wide plastic reduction policy, eliminating single-use plastics from daily operations.

#### Glass recycling:

- Establish designated collection points for glass across all facilities.
- Partner with local recycling services to ensure proper recycling of collected glass.

#### Bio waste management:

- Expand bio waste collection across all facilities.
- Promote composting initiatives and employee engagement in bio waste reduction.

#### Monitoring and reporting

We will regularly monitor waste generation data and report on our progress towards achieving these targets. Annual reviews will allow us to assess the effectiveness of our waste management strategies and make necessary adjustments to stay on track with our 2030 goals.

#### **Corrective Actions**

#### If waste reduction targets are not met:

- We will introduce additional recycling initiatives, strengthen employee education on waste reduction, and explore innovative waste management technologies.
- Special emphasis will be placed on reducing plastic waste and increasing the recycling of bio and glass waste.

Waste Reduction targets per year				
Year	Paper (Mg)	Plastic (Mg)	Glass (Mg)	Bio (Mg)
2022	2.08 Mg	0.98 Mg	0.00 Mg	0.00 Mg
2023	1.78 Mg	1.13 Mg	0.04 Mg	1.02 Mg
2030 Target	1.42 Mg	0.96 Mg	0.10 Mg	1.00 Mg

### Less waste

Future Processing customers, based on a working system created by FP programmers in blockchain technology, will choose UNICEF products available on a <u>dedicated website</u>. All employees of companies that are FP customers can take part in the action. Among them are also companies and their employees from Great Britain.

## Cloud

Future Processing uses the main Azure cloud from Microsoft in its business operations. Azure has committed to focus on four key areas of environmental impact to local communities – carbon, water, waste and ecosystems:

- 100% renewable energy by 2025
- Water-positive by 2030 replenish more
- water than we consume by 2030
- Zero-waste certification by 2030
- Net zero deforestation from new construction

**Source:** https://blogs.microsoft.com/blog/2021/10/27/supporting-our-customers-on-the-path-to-net-zero-the-microsoft-cloud-and-decarbonization/

# **Supporting eco organisations**

In 2019 Future Processing supported Great Bubble Barrier® – The fast-growing Dutch start-up which created a barrier to contain the plastic while allowing fish and ships to pass through unhindered.

In 2020 we supported three organisations, including an environmental coalition focused on the fight for a clean Baltic Sea. The Baltic Sea is very important to us, which is why we'd love to support Coalition Clean Baltic. For years now, CCB has fought for a number of Baltic-related issues, such as clean sea water and sustainable fishing. CCB builds strategies for the

Baltic Sea protection and development and supports initiatives whose goal is the sustainability of the Baltic marine environment.

## Other

Other initiatives include:

- Support commuting by bike by providing a bike repair station,
- Rentownia a renting service for such things as camping and hiking equipment, bike rack, bike trailer for kids, pressure cleaner, professional coffee machine and catering tables – so that our employees don't need to buy,
- Car park charging spaces for electric vehicles.

We also have a **CSR policy**, which covers environmental aspects too.



For any questions or concerns related to this report, please reach out to:

Jarosław Kacprzak