



# NON-FINANCIAL REPORT FOR THE YEAR 2024

Intereko Energia Sp. z o.o.  
Lodz 2025



**“Together for a Sustainable Future”**



The operations of Intereko Energia Spółka z o.o. encompass waste management and waste transportation. Our services are designed to deliver the highest quality solutions, with a strong focus on reducing the negative environmental impact through actions aligned with the principles of sustainable development.

As a participant of the United Nations Global Compact (UNGC), we are committed to upholding the Ten Principles of UNGC, including environmental protection and the promotion of sustainable development.

By implementing eco-friendly and innovative solutions, we strive to minimize our carbon footprint and optimize waste processing operations. We ensure safety in every aspect of our business and provide the necessary resources and means to fulfill our sustainability policies. Our goal is to meet the expectations of our clients while adhering to the principles of sustainable development, through the continuous improvement of processes and the introduction of modern waste management technologies.

Our participation in UNGC further strengthens our commitment to building a sustainable future.



**Global Compact**  
Network Poland





# Intereko Energia



Jarek Grobelny  
Prezes Zarządu, CEO

Our mission is to create a future with the environment in mind. Striving to minimize our impact on the planet, we promote development that harmonizes with nature. Believing in the power of green technologies, we focus on innovations that not only enhance our efficiency but also contribute to a better tomorrow for the Earth and its inhabitants.

Our technologies are designed to improve quality of life, with a strong emphasis on health and longevity, without compromising on short-term solutions at the expense of social well-being. We believe that we can do better—and we are committed to continuously striving for excellence.

As the Vice President of Intereko Energia, my goal is to inspire and mobilize communities to take action for environmental protection. Each of us has the power to shape the future of our planet. That is why we focus on education, innovation, and collaboration to create more sustainable waste management solutions.

By working hand in hand with developing countries, we help them build efficient waste management systems that benefit both local communities and the world as a whole. I believe that together, we can drive lasting change that will contribute to a better tomorrow for all of us.



Ewa Dwornik  
Vice Prezes Zarządu, COO

**6** CLEAN WATER AND SANITATION



**9** INDUSTRY, INNOVATION AND INFRASTRUCTURE



**11** SUSTAINABLE CITIES AND COMMUNITIES



**12** RESPONSIBLE CONSUMPTION AND PRODUCTION



**13** CLIMATE ACTION



**E**

**Environmental**

# ENVIRONMENTAL

## Sustainable Waste Management

Intereko Energia believes that waste is not a final product but an untapped resource. Therefore, our operations focus on maximizing recovery and processing waste into valuable raw materials, which helps reduce landfill waste and minimize environmental impact.

Our waste management approach complies with the ISO 14001:2015 international environmental management standard, confirming our commitment to continuous improvement in ecological efficiency, minimizing environmental impact, and adhering to the highest environmental protection standards.

Waste that cannot be recycled is directed to recovery facilities, where it is used as sustainable biomass for the production of thermal and electrical energy. This biomass is certified and covered by the KZR INiG system, ensuring its compliance with sustainable development standards and the reduction of greenhouse gas emissions.

By implementing ISO 14001:2015, Intereko Energia not only reduces its environmental footprint but also actively pursues innovative solutions that support the circular economy and waste minimization at every stage of our operations.



Climate Actions within Forward Faster

Zero to Landfill

Intereko Energia consistently implements a strategy focused on reducing emissions, optimizing resources, and advancing Just Transition initiatives:

- ✓ Transport optimization – reducing CO<sub>2</sub> emissions by purchasing vehicles that meet EURO 6 standards.
- ✓ Waste management project in São Tomé and Príncipe, aimed at improving the natural environment and quality of life for local communities.
- ✓ ISO 14001:2015 certification, confirming our commitment to environmental protection efforts.

✦ By 2030, we plan to implement further solutions that will not only minimize our carbon footprint but also support a fair transition of the waste management sector in developing countries.

Our priority is to minimize the amount of waste sent to landfills. In 2024, we upheld our Zero to Landfill strategy, ensuring that all waste is redirected to recycling, material recovery, or energy recovery.

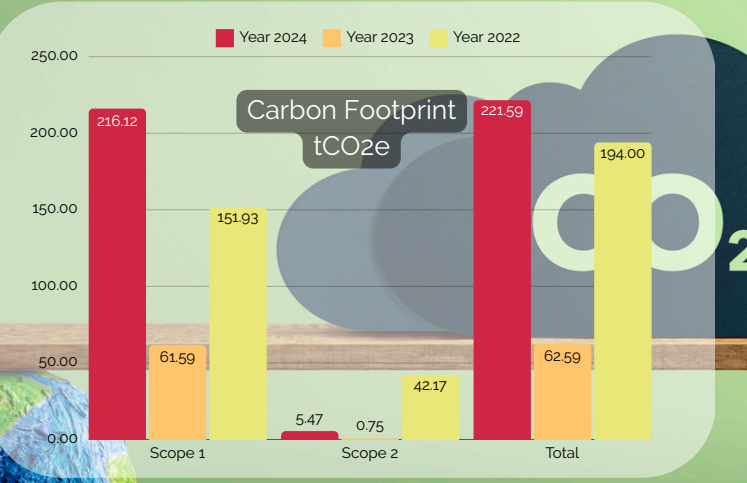
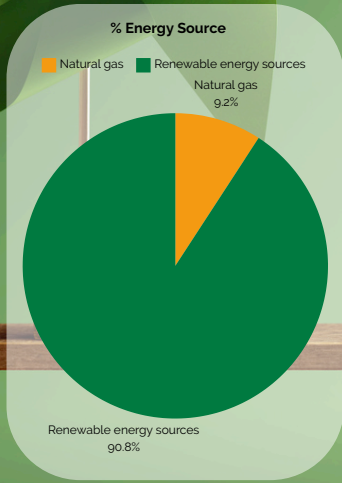
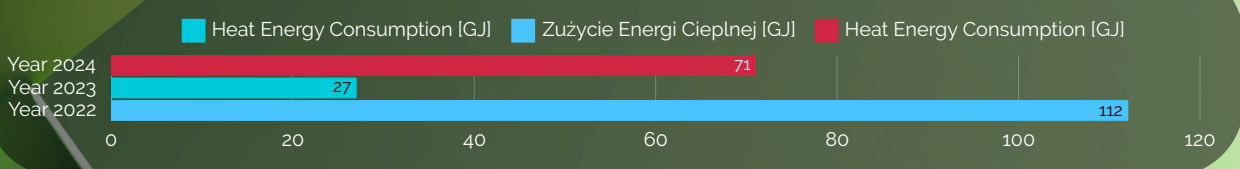
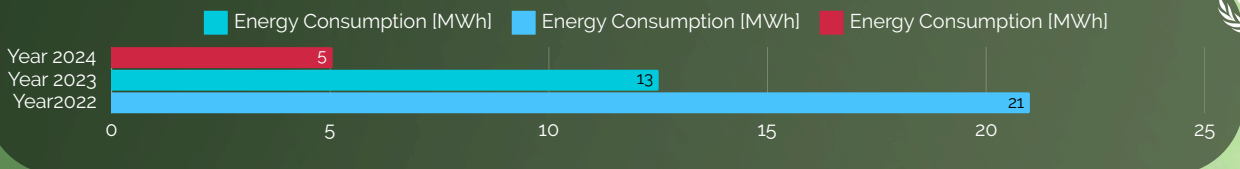


Responsible Transport and CO<sub>2</sub> Emission Reduction

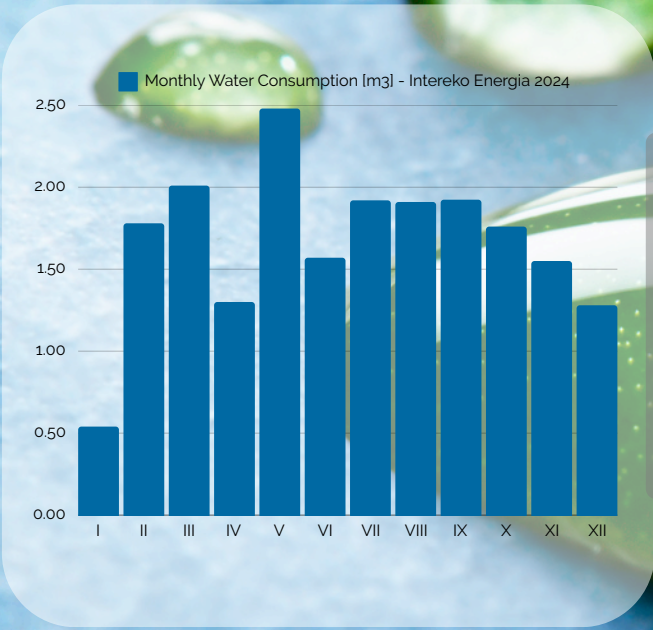
To protect the environment and enhance operational efficiency, we continuously optimize our transport fleet and waste management logistics. In 2024, we purchased a new truck that meets EURO 6 emission standards, allowing for further reduction of greenhouse gas emissions.

Thanks to route optimization improvements and increased operational efficiency, the company has successfully reduced CO<sub>2</sub> emissions per ton of processed waste.





## Water Footprint and Water Resource Management



In 2024, we began monitoring our water footprint, aiming to optimize and minimize water resource consumption. We are analyzing water usage in offices and operational processes to identify areas where further improvements can be implemented.

We plan to introduce a water reduction strategy in the coming years, including the implementation of efficient water management systems across our facilities and operations.





WE SUPPORT



Intereko Energia



FUNDACJA  
nieZWYKLI BOHATEROWIE

## Commitment to Environmental Protection and Local Communities

In 2024, we partnered with the local non-governmental organization FUNDACJA nieZWYKLI BOHATEROWIE, which leads initiatives focused on cleaning up squares and parks in Łódź. This project actively engages residents in environmental protection efforts while raising ecological awareness within the local community.

These actions align with Intereko Energia's strategy, which not only focuses on large-scale technological projects but also supports grassroots initiatives that improve the quality of life for residents.



- Łódź, Powstańców Wielkopolskich Street – “Zieleniec” Urban Green Area (November 13, 2024) – cleaning of a municipal green space.
- Bełchatów – actions with the Leszy group (November 12, 2024) – local forest cleaning initiatives.
- Międzyrzecz – actions with Irena Buzarewicz (November 12, 2024) – regular forest cleaning campaigns, with a total of 152 events organized so far.
- Łódź, Odrowąza Street – “Nad Jasińcem” Park in Teofilów (November 7, 2024) – continuation of previous park cleaning efforts.
- Jastrzębie-Zdrój – “OWN” area with Mateusz (October 26, 2024) – an initiative led by a local student to promote environmental cleanliness.

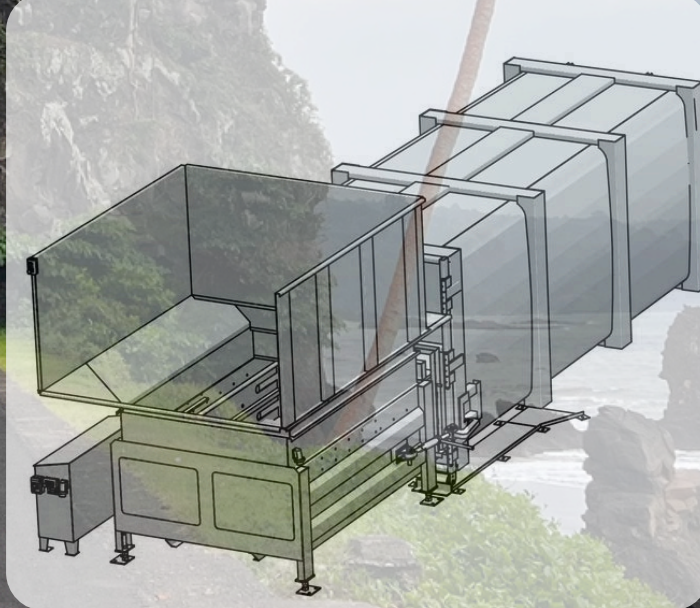
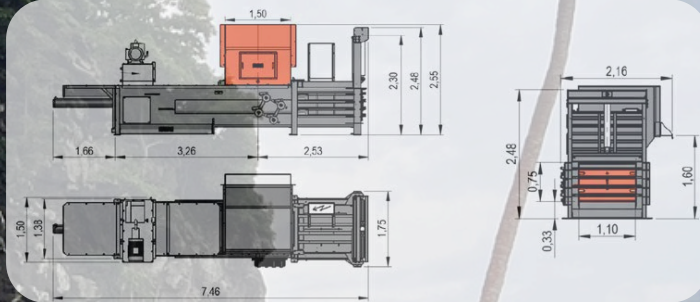
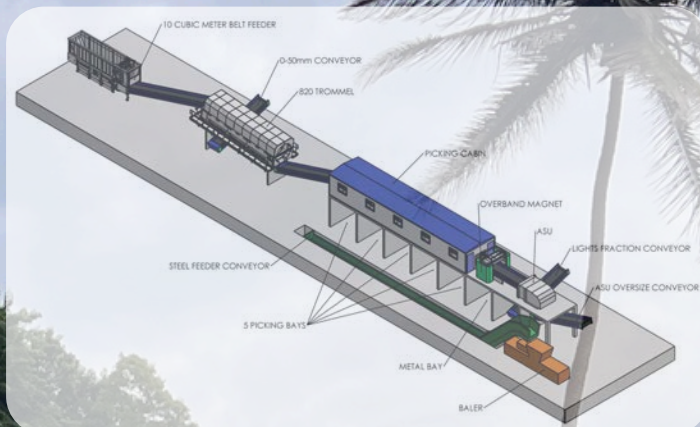
## International Actions for Sustainable Development

In 2024, the company secured land for a comprehensive waste management project in São Tomé and Príncipe. The goal of this initiative is to implement holistic waste management solutions, incorporating both technological and educational aspects.

This project represents another step in our strategy to expand into developing markets and deliver innovative solutions that support the circular economy while improving environmental conditions in regions that need it most.



### Intereko Energia STP



## Our Commitments for the Future

### Intereko Energia

As Intereko Energia, we strive to further reduce our environmental impact through:

- ✓ Maintaining ISO 14001:2015 certification, confirming our commitment to environmental protection.
- ✓ Further reducing CO<sub>2</sub> emissions by modernizing our fleet and optimizing transport operations.
- ✓ Developing the circular economy, focusing on maximizing resource recovery and minimizing waste.
- ✓ Strengthening social and educational partnerships, engaging local communities in environmental initiatives.

Thanks to consistent environmental protection efforts, Intereko Energia remains a leader in the sustainable waste management sector, delivering innovative and efficient solutions for the future of our planet.

PLÁSTICO

VIBRO

# S

## Social



**3** GOOD HEALTH AND WELL-BEING



**4** QUALITY EDUCATION



**5** GENDER EQUALITY



**11** SUSTAINABLE CITIES AND COMMUNITIES



**17** PARTNERSHIPS FOR THE GOALS



## Employee Health and Safety



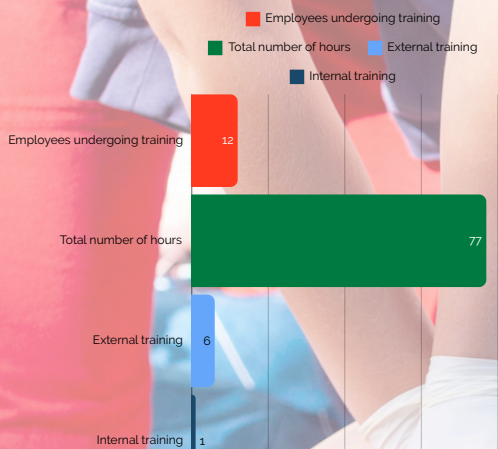
Safety and good working conditions are our priority. In 2024, Intereko Energia continued its efforts to ensure the highest standards of occupational health and safety, as confirmed by the maintenance of ISO 45001:2018 certification.

Thanks to this standard:

- ✓ We regularly monitor and assess workplace risks.
- ✓ We conduct occupational health and safety (OHS) and first aid training.
- ✓ We implement preventive policies to completely eliminate hazards.

**SAFETY  
FIRST**  
**ZERO  
ACCIDENTS**

The zero workplace accidents in 2024 demonstrate the effectiveness of our safety policy and the strict control of health protection procedures for employees.



Additionally, as part of our commitment to the health of our teams:

- We organized first aid training for all employees to equip them with the necessary skills to respond in emergency situations.
- We conducted regular refresher OHS (Occupational Health and Safety) training to reinforce safe work habits and standards.

## Employee Development and Education

Investing in the development of our employees is a key element of Intereko Energia's strategy. Every employee has the opportunity to participate in training programs tailored to their individual needs and career aspirations.

We also provide access to health and fitness support programs, as we believe that employee well-being directly impacts efficiency and work quality.

In 2024, we placed special emphasis on:

- ✓ First aid and OHS (Occupational Health and Safety) training – strengthening practical skills and emergency response capabilities.
- ✓ Specialized training – supporting employees in developing their competencies in waste management, new technologies, and environmental process management.
- ✓ Psychological support programs – promoting mental well-being and a workplace culture based on mutual respect and collaboration.
- ✓ Subsidized participation in the Benefit – Sport program – enabling employees to lead an active lifestyle with access to sports facilities.
- ✓ Occupational health care coverage – regular medical check-ups and consultations to ensure employee safety and comfort in the workplace.

The logo for saive, featuring the word "saive" in a bold, white, sans-serif font on a dark blue rectangular background.

We strive to create a work environment that fosters not only professional development but also supports the physical and mental well-being of our teams.

## Social Engagement and Cooperation with NGOs

Intereko Energia is actively engaged in social initiatives at both local and international levels. Our goal is not only to improve waste management but also to raise environmental and social awareness in different parts of the world.



### Cooperation with NGOs – Activating Local Communities

In 2024, we partnered with a local non-governmental organization in Łódź, dedicated to cleaning up public spaces such as squares and parks by engaging local residents. Thanks to this initiative:

- ✓ We improved the quality of public spaces and raised cleanliness standards in the city.
- ✓ We increased environmental awareness among residents, encouraging active participation in environmental protection.
- ✓ We strengthened local social ties, integrating various groups around a shared goal.



### Education and Raising Awareness of Global Issues

Intereko Energia not only operates in the field but also contributes to raising awareness of global environmental and social challenges.

In 2024, we co-created the broadcast "Podróże bez Paszportu" (Journeys Without a Passport), dedicated to Africa and the challenges faced by the continent. During the program, we discussed key topics related to waste management, climate change, and the development of environmental infrastructure in the region.

Our goal was to:

- ✓ Educate the public about the challenges faced by African countries.
- ✓ Promote sustainable solutions that can improve the quality of life on the continent.
- ✓ Build bridges of cooperation between organizations, businesses, and institutions that can support Africa's development.

PODRÓŻ  
BEZ PASZPORTU  
— MATEUSZ GRZEŚCZUK



## Equality and Diversity in the Workplace

Intereko Energia promotes a policy of equality and diversity, ensuring that every employee has equal opportunities for development, promotion, and fair compensation. We create a workplace that fosters inclusivity, openness, and respect for cultural and gender diversity.

### Our Actions for Equality in 2024

- ✓ Balanced management board – both women and men hold high-level positions.
- ✓ Support for cultural diversity – our team includes people from different countries and backgrounds. Additionally, we finance Polish language courses for employees from developing countries to facilitate their integration.
- ✓ An office environment open to women – the majority of office positions in our company are held by women, highlighting our commitment to gender equality in the workplace.
- ✓ Anti-discrimination and equality training – we are building an open and inclusive work environment where everyone feels respected and valued.

### Fair Compensation and Pay Transparency

Our goal is to ensure a fair compensation policy that reflects employees' skills, experience, and contributions to the company's growth.

#### Salary Structure at Intereko Energia:

- No gender pay gap – salaries are based on qualifications and experience.
- Wages above the statutory minimum – we ensure fair financial conditions for our employees.
- Additional benefits – in addition to salaries, we offer subsidized participation in the Benefit – Sport program, private healthcare, and professional development training.

### Gender Equality and Fair Compensation – Forward Faster Achievements and Goals

Intereko Energia has not only committed to achieving pay equality and women's representation in leadership positions by 2030, but has already met these goals through:

- ✓ No gender pay gap (Equal Pay).
- ✓ A woman as the majority shareholder and strong female presence in management.
- ✓ Transparent pay policy, with salaries above the minimum wage and social benefits, including sports subsidies and healthcare coverage.
- ✦ By 2030, we will continue these efforts, ensuring equal representation of women and men at all levels of the organization.

### Visualization of Compensation Policy

Below is a chart comparing salaries at Intereko Energia with the minimum wage, as well as a breakdown between office and operational positions. I will now prepare the visualization.

#### Conclusions on Intereko Energia's Compensation Policy:

- ✓ The average salary in the company significantly exceeds the minimum wage, ensuring decent living conditions for employees.
- ✓ Office positions, where women are the majority, offer higher salaries, confirming the company's commitment to gender equality and supporting women's professional development.
- ✓ Transparent pay policy – salaries are based on competencies rather than discriminatory criteria.





## International Actions and Cooperation with Developing Countries

Intereko Energia has been involved in projects aimed at improving waste management in developing countries for years.

### São Tomé and Príncipe – Comprehensive Waste Management Solutions

In 2024, we secured land for a waste management project in São Tomé and Príncipe. This is a strategic step towards:

- ✓ Implementing modern recycling and waste processing systems.
- ✓ Raising awareness among residents about waste management.
- ✓ Reducing the amount of waste sent to landfills.



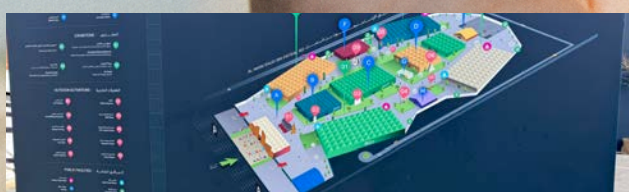
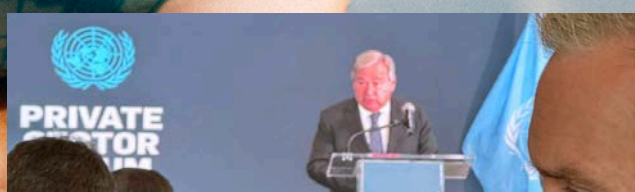
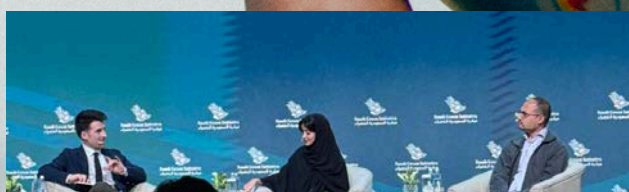
São Tomé e Príncipe

This project demonstrates our commitment to international ecological transformation and supporting sustainable development where it is most needed.

### Participation in the Private Sector Forum and COP 16 in Riyadh

In 2024, Jarek Grobelny, the CEO of Intereko Energia, represented the company at key global events:

- COP 16 in Riyadh, the global climate summit, where key topics were discussed, including climate neutrality, the circular economy, and the future of renewable energy.



- Private Sector Forum during the General Assembly, where the role of the private sector in achieving sustainable development goals was discussed.

Participation in these events allowed for knowledge exchange, the establishment of new partnerships, and strengthened Intereko Energia's position on the international stage as a leader in sustainable waste management solutions.

## Our Commitments for the Future – Social (Society)

### Intereko Energia

In 2024, Intereko Energia confirmed its commitment to corporate social responsibility, employee safety, and the development of local and international communities. Our goal is to further strengthen actions in these areas to improve the quality of life, environmental education, and employee well-being.

#### Our Key Commitments for the Future:

- ✓ Further investment in workplace safety and employee health

  - Continuing OHS and first aid training.
  - Implementing new procedures to enhance workplace safety.
  - Maintaining ISO 45001:2018 certification, confirming high standards in OHS management.
- ✓ Employee development and education

  - Further funding specialized training courses for employees, tailored to their career paths.
  - Expanding psychological support programs and well-being initiatives in the workplace.
  - Supporting gender equality and diversity in career development.
- ✓ Maintaining and expanding fair compensation policies

  - Maintaining a transparent pay policy, eliminating pay gaps based on gender or other discriminatory factors.
  - Ensuring that our salaries remain above the minimum wage, offering decent living conditions for our employees.
  - Continuing to subsidize the Benefit – Sport program and healthcare coverage for occupational health.
- ✓ Strengthening cooperation with NGOs and social engagement

  - Continuing collaboration with non-governmental organizations, particularly in ecology and education.
  - Developing programs to engage local communities, such as cleaning squares and parks in Łódź.
  - Cooperating with the media to raise public awareness of global issues, including participation in the "Podróże bez Paszportu" broadcast dedicated to Africa and its challenges.
- ✓ International expansion and support for developing countries

  - Starting the implementation of a comprehensive waste management system in São Tomé and Príncipe.
  - Establishing new international partnerships that support the development of sustainable technologies in developing countries.
  - Actively participating in global initiatives and conferences, such as COP and Private Sector Forum, to influence the shaping of climate and social policies.

#### Our Mission for the Future

We strive for Intereko Energia to not only develop as an innovative environmental company but also be a responsible and socially engaged employer. Our efforts in equality, education, safety, and the development of local and global communities are an integral part of our strategy.



# G GOVERNANCE

**9** INDUSTRY, INNOVATION  
AND INFRASTRUCTURE



**12** RESPONSIBLE  
CONSUMPTION  
AND PRODUCTION



**16** PEACE, JUSTICE  
AND STRONG  
INSTITUTIONS



**17** PARTNERSHIPS  
FOR THE GOALS



## Transparency and Business Ethics

Our priority is transparency in reporting, which is why we regularly publish financial and non-financial reports, providing stakeholders with full insight into our operations.

The key principles of our ethical policy:

- ✔ Code of Ethics – clearly defined values and principles that guide us in business.
- ✔ Anti-corruption – strict anti-corruption procedures and compliance with UNGC standards.
- ✔ Fair competition – equal treatment of business partners, with no unfair market practices.
- ✔ Transparency in business relationships – compliance with international and local regulations.

**FORWARD  
FASTER**



### Joining the UNGC Forward Faster Program

#### 🏆 Gender Equality

✔ Achieved: We have ensured pay equality, regardless of gender, and support women in leadership positions (e.g., a woman as the 90% majority shareholder and a balanced management board).

🔴 Goal by 2030: Further actions to ensure equal representation at all levels of management and promote equal opportunities for career development.

#### 🏆 Living Wage

✔ Achieved: 100% of our employees receive wages above the minimum wage, and our pay policy ensures transparency and no gender pay gaps.

🔴 Goal by 2030: Monitoring wage levels compared to living wage indicators (wages that ensure a decent life) and further expanding non-wage benefits.

#### 🏆 Climate Action

✔ Achieved: We have implemented ISO 14001:2015 certification, reduced CO<sub>2</sub> emissions, optimized transportation (by purchasing an EURO 6 truck), and undertaken international initiatives for waste management in São Tomé and Príncipe.

🔴 Goal by 2030: Expanding efforts with Just Transition, supporting fair ecological transformation through partnerships with local communities, suppliers, and employees.

#### 🏆 Finance & Investment

✔ Achieved: Intereko Energia is already allocating funds to projects aligned with the SDGs, such as investments in circular economy, waste innovations, and educational initiatives.

🔴 Goal by 2030: Increasing financial reporting transparency regarding funds allocated to sustainable development and further aligning investment strategies with UN goals.



### Membership in UNGC Network Poland

In 2024, Jarek Grobelny, the CEO of Intereko Energia, was invited to the Program Council of UNGC Network Poland. This recognition confirms our commitment to ESG standards and business ethics at the global level.

As a member of this organization, Intereko Energia:

- ✔ Co-creates ethical standards and regulations related to sustainable development.
- ✔ Engages in anti-corruption initiatives and promotes responsible business practices.
- ✔ Collaborates with international experts in corporate governance.



**Global Compact**  
Network Poland



**Jarosław Grobelny**  
Prezes Zarządu  
Intereko Energia Sp. z o.o.

**Członek Rady Programowej**  
UN Global Compact Network Poland

## Risk Management and Compliance with Regulations

At Intereko Energia, we use advanced tools for risk management to minimize potential financial, operational, and environmental risks

In 2024, we continued to implement a holistic approach to risk analysis, which includes:

- ✓ Regular audits and risk assessments – ongoing monitoring of potential threats.
- ✓ Collaboration with independent auditors and certifiers – ensuring compliance with industry best practices.
- ✓ Updating compliance procedures – adjusting company policies to meet changing legislative requirements.

Intereko Energia operates in full compliance with:

- ISO 9001:2015 – Quality Management System, ensuring high operational standards.
- ISO 45001:2018 – Occupational Health and Safety Management System, confirming our commitment to employee protection.
- ISO 14001:2015 – Environmental Management System, guaranteeing our care for the environment.



Our actions comply with local and international regulations, making us a reliable partner for both the public and private sectors.



# Gala UN DAY



## Awards and Certifications

Intereko Energia has been recognized by leading international organizations, which have confirmed our commitment to the highest standards of management, business ethics, and sustainable development.

### 🏆 Platynowe wyróżnienie EcoVadis

In 2024, Intereko Energia received the highest, platinum award from EcoVadis, placing us among the top 1% of companies globally in terms of sustainable development.



# Gala UN DAY



Network Poland

### 🏆 UN Global Compact Network Poland Award at the UN Day Gala 2024

Intereko Energia was honored by UN Global Compact Network Poland for its efforts in transparency, integrity, and corporate responsibility, as well as for strengthening the foundations of trust in the business environment.



# Gala UN DAY

Network Poland



DLA

## Intereko Energia

w uznaniu działań, które przyczyniają się do transparentności, uczciwości oraz odpowiedzialności, a także wzmocniają fundamenty zaufania wśród całej społeczności biznesowej.

**Uniting business for a better world!**

Warszawa, 24.10.2024



Network Poland

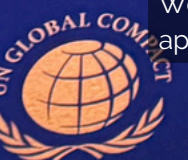


**Kamil Wyszokowski**  
Representative/Executive Director  
UN Global Compact Network Poland

This recognition confirms our:

- ✓ Commitment to global ethics and management standards.
- ✓ Pursuit of full transparency in business relationships.
- ✓ Active participation in UN Global Compact as a Program Council member.

We are proud that our efforts to build an ethical and sustainable future are recognized and appreciated on the international stage.



# Gala UN DAY

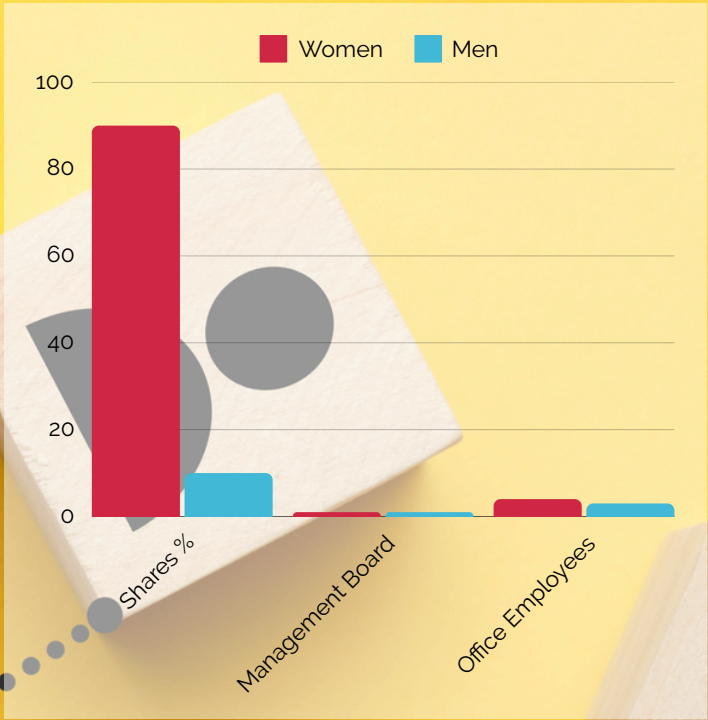
Network Poland

## Management Structure and Equality Policy

Intereko Energia strives for balance and transparency in its management structure, which allows us to effectively make decisions and implement our ESG strategy.

Key aspects of our management structure:

- ✓ Balanced management board – the company is managed by both a woman and a man, reflecting our commitment to gender equality.
- ✓ Majority shareholder – a woman (90% of shares) – confirming our support for diversity at the highest levels of management.
- ✓ Policy of openness and equality – ensuring every employee has the opportunity for development and advancement.



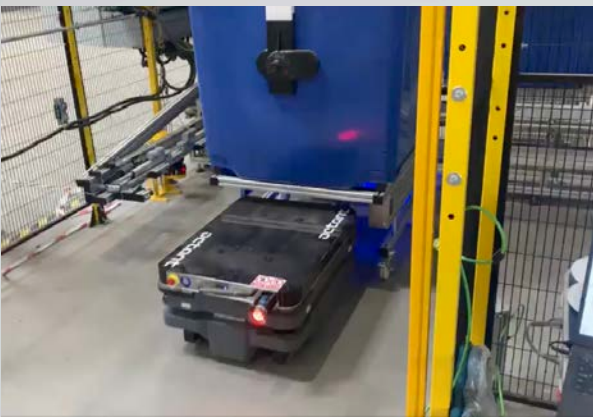
Additionally, our company enforces a zero tolerance policy for discrimination and has programs that support equality and diversity in the workplace.

## Innovation and Technological Development

Intereko Energia is a leader in technological innovations related to waste management and environmental protection.

As part of research and development (R&D) in 2024:

- ✓ We are developing new waste processing technologies to maximize recycling and resource recovery.
- ✓ We are collaborating with universities and research centers to implement the latest environmental solutions.
- ✓ We are pursuing digitization and automation of processes to increase efficiency and optimize resource use.



**unesco**

Katedra



Uniwersytet  
Wrocławski

We invest in future technologies because we believe that a sustainable economy requires continuous progress and adaptation to new environmental challenges.



## Our Commitments for the Future – Governance



In the coming years, Intereko Energia commits to:

- ✓ Further strengthening transparency and compliance with ESG regulations.
- ✓ Developing international partnerships and activities within UNGC Network Poland.
- ✓ Expanding anti-corruption and ethical programs.
- ✓ Continuously optimizing risk management processes.
- ✓ Implementing innovations that support sustainable development.

Through these actions, we are building an organization that not only meets the highest standards but also inspires other companies to manage responsibly and create a sustainable future.

2025

A large yellow arrow painted on the asphalt road, pointing upwards towards the horizon.



## Annual consumption

Distance traveled [km]				Waste collected [Mg]			
Year	2024	2023	2022	Year	2024	2023	2022
km	220705.55	207111.39	218993.9	[Mg]	19264.86	12533.66	7212.66

Energy Consumption [MWh]				Heat Energy Consumption [GJ]			
Year	2024	2023	2022	Year	2024	2023	2022
[MWh]	5.0536	12.51	21	[GJ]	71.06	27.06	112.1

Water Consumption [m <sup>3</sup> ]	
Year	2024
[M <sup>3</sup> ]	20.024

## CO2 Emissions - Intereko Energia 2024

Scope 1						
	Value	Unit	Data source	tCO2	tNOx	tCO2e
Road Transport						
Trucks with a payload capacity >3.5 t	68 282.52	t	Invoices	182.98	0.061450000000000005	194.04
Passenger cars powered by gasoline	5737.01	t	Invoices	13.25	0.001152716	8.189470822
Passenger cars powered by diesel	2881.79	t	Invoices	7.72	0.000573701	13.892743416000002
Total						216.12
Scope 2						
	Value	Unit	Data source	tCO2e	tNOx	tCO2e
Thermal energy	71.06	GJ	Building manager	4.243895062000001	0.0098695234000000002	4.342590296000001
Electricity	5.0536	MWh	Building manager	0.24257280000000003	0.00050536	0.251113384
Baling of paper	1100.35	Mg	Invoices	0.8450687999999998	0.012135443400000001	0.8748222639999998
Total						5.47
Total sum						221.59

### Emission Factors for Fuels – Scope 1

Type of emission	Value	Unit	Data source
CO <sub>2</sub> (Diesel)	2,68	kg CO <sub>2</sub> /litr	IPCC, DEFRA
CH <sub>4</sub> (Diesel)	0,0001	kg CH <sub>4</sub> /litr	IPCC, DEFRA
N <sub>2</sub> O (Diesel)	0,0006	kg N <sub>2</sub> O/litr	IPCC, DEFRA
NOx (Diesel)	0,0004	kg NOx/litr	DEFRA
CO <sub>2</sub> (Benzyna)	2,31	kg CO <sub>2</sub> /litr	IPCC, DEFRA
CH <sub>4</sub> (Benzyna)	0,0002	kg CH <sub>4</sub> /litr	IPCC, DEFRA
N <sub>2</sub> O (Benzyna)	0,0004	kg N <sub>2</sub> O/litr	IPCC, DEFRA
NOx (Benzyna)	0,0001	kg NOx/litr	DEFRA
GWP CH <sub>4</sub>	28	tCO <sub>2</sub> e/t CH <sub>4</sub>	IPCC
GWP N <sub>2</sub> O	265	tCO <sub>2</sub> e/t N <sub>2</sub> O	IPCC

#### Sources:

- IPCC (Intergovernmental Panel on Climate Change) – values used globally in climate reports.
- DEFRA (UK Department for Environment, Food & Rural Affairs) – widely used emission factors for transportation in Europe.

### Emission Factors – Scope 2

Type of emission	Type of gas	Value	Unit	Data source
Electricity	CO <sub>2</sub>	0,048	kg CO <sub>2</sub> /kWh	KOBIZE
Electricity	NOx	0,0001	kg NOx/kWh	KOBIZE
Electricity	CO <sub>2</sub> e	0,04969	kg CO <sub>2</sub> e/kWh	MKIŚ
Heat	CO <sub>2</sub>	0,215	kg CO <sub>2</sub> /kWh	KOBIZE
Heat	NOx	0,0005	kg NOx/kWh	KOBIZE
Heat	CO <sub>2</sub> e	0,22	kg CO <sub>2</sub> e/kWh	KOBIZE
Baling of paper	CO <sub>2</sub>	0,048	kg CO <sub>2</sub> /kWh	KOBIZE
Baling of paper	NOx	0,0001	kg NOx/kWh	KOBIZE
Baling of paper	CO <sub>2</sub> e	0,04969	kg CO <sub>2</sub> e/kWh	KOBIZE

#### Sources:

- National Centre for Emission Balancing and Management (KOBIZE)
- In accordance with the regulation of the Minister of Climate and Environment dated September 24, 2024, in the Journal of Laws under item 1439.



Intereko Energia

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