

PRINCIPLES OF SUSTAINABLE ENERGY AND ENVIRONMENTAL PERFORMANCE

Where are we?

The Palladium Centre is a modern, representative commercial space. As such, it must not only meet esthetic and functional criteria, but also actively meet the standards of social responsibility in the field of ecology, efficient energy management and sustainable development. We have currently implemented several other technical measures and are looking for further solutions that can be implemented effectively. Since 2018, we have been implementing a management system focused on environmental protection and natural resource protection and since 2019 we have held the BREEAM In-Use certification. A condition for obtaining the certification is the implementation of the most efficient solutions available in the areas water management, heat, optimization of the indoor environment in terms of acoustics, comfort, air quality and lighting. Our commitment to sustainable development has led us to expand our efforts to include more efficient waste management and the promotion of alternative transport.

What are we currently doing?

We have begun to take further steps towards a vision of sustainable development, in which we would like to develop together with our partners, whose actions have a direct or indirect impact on the environment and energy consumption of the Palladium Centre. Our aim is to involve our partners in the active improvement of the complex and to generate interest and commitment to reduce the environmental impact of our activities. We are currently preparing an information system information which shares energy consumption and waste management data. We have developed Energy and Environmental COMMANDMENTS, which aims to inform users of ways to help reduce the environmental impact of our operations while maintaining comfort for customers and employees. We believe that sustainable development is a common goal for developers, users, and customers as well.

What is the priority?

- Raise awareness about energy management,
- Positively motivate energy efficiency,
- Define targets with measurable values,
- Analyze energy consumption,
- Continuously update and improve energy systems,
- Implement new energy saving projects,
- Promote the purchase energy efficient products and services,
- And finally, implement energy policies and update individual processes to reflect social, economic, and technological developments.

THE ENERGY DECALOGUE

DECALOGUE	How it is achieved	How you can help
We monitor energy consumption.	We implement an energy management system and seek further opportunities to achieve savings.	Monitor temperature settings and track energy consumption from supplier invoices.
We select equipment with high energy efficiency.	We will replace the current TV screen with an energy efficient advertising panel, as well as installing energy saving technologies.	Choose innovative technology with energy efficiency and performance in mind.
We prefer LED lighting.	Since 2020, we have been continuously replacing the original lighting systems with the latest LED technology.	Replace luminaires with higher energy efficient type. By replacing luminaire lighting with LEDs, a savings of up to 90% can be achieved.
We optimize equipment operation.	We use light sensors to switch off lighting during non-operating hours. We decrease the water heating hours and temperature.	Set room temperatures according to their use with preference to the ECO mode on the equipment.
We Learn	We participate in training courses and exchange our knowledge and experience with others.	Designate a person to be responsible for energy consumption and provide training to others.
We implement a SMART solution.	Intelligent escalators that operates only when in use by the customer.	Furnish technical equipment with automatic sensors and controls.
We prevent wasting energy.	We install digital programmable thermostats to regulate temperature and increase efficiency. By lowering the temperature 1°C, we reduce energy consumption by up to 6%.	Furnish control elements, set and use heating and cooling sensibly, ventilate quickly and effectively
We regularly service and maintain dedicated equipment.	We follow recommended service intervals and perform preventative maintenance on equipment.	Prepare and update an equipment logbook and maintenance service books as well.
We prefer public and alternative transport.	We have direct access from the metro and other public transport options, which we fully support as well as other alternative transport systems.	Encourage employees to use public transport and alternative transport.
We do not just save energy during working hours.	We encourage similar responsible behavior and methods at home as used in work.	Actively be aware of energy usage and reduce energy consumption as possible throughout the day.

ENVIRONMENTAL DECALOGUE

DECALOGUE	How do we go about it	How you can help
We use natural resources economically.	We reduce material and energy consumption.	Minimize the amount of disposable packaging.
We choose products made from environmentally sustainable materials.	We prefer environmentally friendly products in the purchase of equipment and consumables.	Prefer environmentally friendly packaging and materials.
We limit the consumption of drinking water with respect to the environment.	We install aerators and photocells.	Use sinks with aerators, photocells and install equipment with lower water consumption.
We prevent contamination of water with hazardous and petroleum substances.	Never use sinks or toilets to dispose of chemicals and toxic waste.	Follow the waste classifications and manage hazardous substances according to the manufacturer's instructions.
We are leading by example.	We present the results and raise awareness about environmental protection.	Inform customers about implemented and upcoming measures.
We support the prevention of environmental burdens.	At the level of equipment servicing and process optimization, we prevent contamination and leakage of non-critical substances.	Follow the service requirements. Educate equipment operators.
We comply strictly with waste sorting.	A waste sorting system is implemented. Operating regulations are available to all users.	Strictly follow the rules of the operating regulations.
We support the circular economy.	We use locally sourced and reused or recycled materials.	Strictly follow the rules of the operating regulations.
We are reducing our carbon footprint.	We prefer inputs with a lower carbon footprint and support longer product life cycles.	Request carbon footprint information from your suppliers.
We evaluate the impact of our activities on our surroundings.	We apply the EMS system to environmental protection.	Set internal rules to limit the generation and management of waste.

WE ARE EXAMPLE

In 2018, we implemented EMS:2018.

In 2019 we received BREAM In-Use certification.

In 2020, we implemented an energy audit.

We have implemented:

- Replacement of 3500 lights in cooperation with ČEZ ESCO
- New entrance lighting in cooperation with Preciosa Lighting
- Replacement of 930 fluorescent luminaires in cooperation with Delta Light Czech
- Energy saving logo lighting at the entrance from náměstí Republiky
- Reduction of night lighting throughout the complex
- Escalator activation only when used by the customer
- Installation of energy-saving building operating technologies
- We prepared a bicycle storage area, including a shower and locker room for cyclists

We are implementing:

- Reduction of the temperature of the heat shields at the entrances to the Palladium
- Adjusting the fresh air temperature for the public areas of the building
- Switching off the cooling technology in winter
- Installing new digital thermostats in the offices
- Optimize hot water heating

We are preparing to implement:

- Switching off the logo lighting and advertising signs at the entrance during the day
- Installation of LED lighting at the entrance from Na Poříčí Street
- Replacing the TV screen in Na Poříčí Street with an energy efficient advertising panel
- Switching off part of the lighting during night pedestrian traffic
- Installing light sensors to control the operation of lighting