

# Focusing On Sustainability: Efficient, Intelligent and Looking Ahead

We are committed to innovative solutions that protect our environment while conserving resources. Our building has been equipped with a variety of sustainable technologies that both optimize energy consumption and reduce CO<sub>2</sub> emissions.

## 1. Solar Energy: Green Electricity Supply from The Sun for Self-Consumption

With 4235 solar modules on our roof, we generate up to 1.8 million kWh of electricity per year – this corresponds to the annual consumption of 360 Swiss households. The total module area of about 8300 m<sup>2</sup> – which corresponds to roughly the size of a football field and 1.5 tennis courts – has been optimally utilized for photovoltaic installations. By using the latest SMBB technology, we were able to optimize light absorption and electricity transport, resulting in higher and more reliable module performance. Aligned to the south, east and west sides, we achieve outstanding energy efficiency.

## 2. Intelligent Lighting Control: Optimal Use of Resources

Our light-dependent lighting control ensures that electricity is never wasted. Presence detectors that respond to daylight individually dim the lights or switch them off completely when they are not needed. In addition, our traffic routes are subdivided into zones, so that light is only active where it is really needed. This intelligent control not only contributes to significant energy savings, but also allows for flexible adaptation to changing needs.

## 3. LED Lighting: Energy-Efficient and Environmentally Friendly:

By installing LED lighting throughout our building, we have reduced electricity consumption by up to 80% compared to conventional light bulbs. This not only saves us energy costs, but also reduces waste and actively contributes to waste prevention.

## 4. Promotion Sustainable Mobility

By installing charging stations for electric cars, we are promoting sustainable mobility. This is how we support the use of environmentally friendly vehicles and contribute to the reduction of CO<sub>2</sub> emissions. In doing so, we are making an important contribution to an environmentally friendly infrastructure and promoting energy transition locally. In addition, there are plenty of indoor parking spaces with charging facilities for bicycles and electric scooters.

## 5. Biodiversity and Environmental Protection

Our building is committed to sustainability through the integration of a biodiverse green roof that not only improves air quality but also promotes local flora and fauna. This green oasis contributes to natural cooling and insulation of the building, reduces energy consumption and supports the climate protection. In this way, we are actively contributing to sustainable urban development and a better quality of life.

## We Are Leading by Example

With these innovative technologies, we are making an important contribution to climate protection and creating a sustainable future.

Each of these measures show that it is possible to operate efficiently, conserve resources and be environmentally aware.

