Old Boiler House
Warsaw, Poland

GBC Assessment Requirements

Overview
Old Boiler House is located at the Warsaw University of Technology Campus. It was built between 1936 and 1947 as a power station and later used as a boiler house. The building was decommissioned in 1992 and now serves as a conference center.

Historical Significance
The building was originally constructed as a power station to supply energy to the nearby Technical University. It played a crucial role in the city’s energy infrastructure.

Assessment Results
- Total use of renewable energy: 35% (55% of the total energy consumed)
- Total energy consumption: 800 kWh/m²/year
- Total energy demand: 800 kWh/m²/year
- Total energy conservation: 20% (40% of the total energy consumed)

Levels of Performance for Design at Category Level

Energy
- Energy Consumption
- Energy Efficiency
- Renewable Energy

Water
- Water Consumption
- Water Efficiency

Waste
- Waste Management
- Recycling

Indoor Environmental Quality
- Indoor Air Quality
- Thermal Comfort
- Lighting

Service
- Service Provision
- Accessibility
- Surveillance

Pre-Operations Management
- Pre-Operations Planning
- Pre-Operations Coordination

Green Building Challenge 2022
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