

This PDF is generated from: <https://www.moritz-kenk.eu/Fri-12-Feb-2021-5193.html>

Title: Amsterdam office building energy storage project

Generated on: 2026-05-14 23:13:13

Copyright (C) 2026 KENK EU. All rights reserved.

For the latest updates and more information, visit our website: <https://www.moritz-kenk.eu>

---

Thick load-bearing concrete and deeply recessed windows further regulate heat, reducing the need for shades. These features, combined with super-efficient solar panels on the south side, contribute to ...

The Edge is the most sustainable office building on earth with a BREEAM-NL rating of 98.36%. A net zero energy building, The Edge produces 102% of its own energy.

With the help of the BREEAM framework, the project team developed an office building that's not only energy neutral, but energy positive. This is partly due to its efficiency measures; The Edge uses 70% ...

The Edge is the first office building in the world to have been fitted with the connected "Power-over-Ethernet" lighting system, which enables 80 per cent energy savings in lighting alone, according to ...

Energy Storage and Distribution: The Edge's energy system efficiently stores and distributes electricity throughout the day. Excess energy generated is fed back into the grid, and ...

From an energy point of view, The Joan runs as much as possible on renewable energy generated on site via solar panels and Aquifer Thermal Energy Storage (a system which harnesses heat from ...

SESA is a four-year (2021-2025) EU H2020 funded R& D project designed to combine innovative energy access solutions for a range of applications in both urbanised and rural contexts in ...

The fact that it is built over a groundwater aquifer means that the building can draw from it, with thermal energy storage pumps which manage warm and cold water. This feature while using ...

The Edge is a 14-storey office building in Amsterdam. Constructed in 2014, it was designed by PLP Architecture and created by EDGE Technologies (formerly OVG Real Estate) for its ...



# Amsterdam office building energy storage project

During summer, the tubes carry warm water from the building into the aquifer located 130m below the ground. The aquifer thermal energy storage pumps are insulated and store the water till ...

Web: <https://www.moritz-kenk.eu>

