



DAD Office Building Bangkok, Thailand



First DGNB Platinum and EDGE advanced certified office building in Southeast Asia!

Dhanarak Asset Development builds real estate for the Thai government. Their new office building is the headquarter of the company and shall therefore fulfil highest sustainability requirements also as an example for future government developments.

Dhanarak Asset Development has contracted EGS-plan to develop an energy and sustainability concept for the building. Main goal of the concept is to achieve an excellent work environment and highest environmental quality.

The concept comprises of a high-performance building envelope with double glazing with low-e coating, efficient thermal insulation, an airtightness concept and external shading. Fresh air is delivered by an air handling unit with energy recovery, the lighting system comprises of direct-indirect LED lamps and no harmful building materials were used. Energy is supplied by a district cooling system and a PV system, which produces more renewable energy than required for building operation (plus energy standard).

For its outstanding energy concept, the building was awarded the ASEAN Energy Award 2021 in the sub-category Zero Energy Building!



Building Type: Office Building

Client: Dhanarak Asset Development Co., Ltd.

Our Services:

- EDGE Expert Service
- EDGE Auditor Service
- Energy Concept
- Building Simulation
- Building Physics
- Commissioning Management
- DGNB Consulting

Project Data: 3,511 sq.m of GFA

Project Duration: 10 / 2017 – 09 / 2018

Project Status: Certified

