

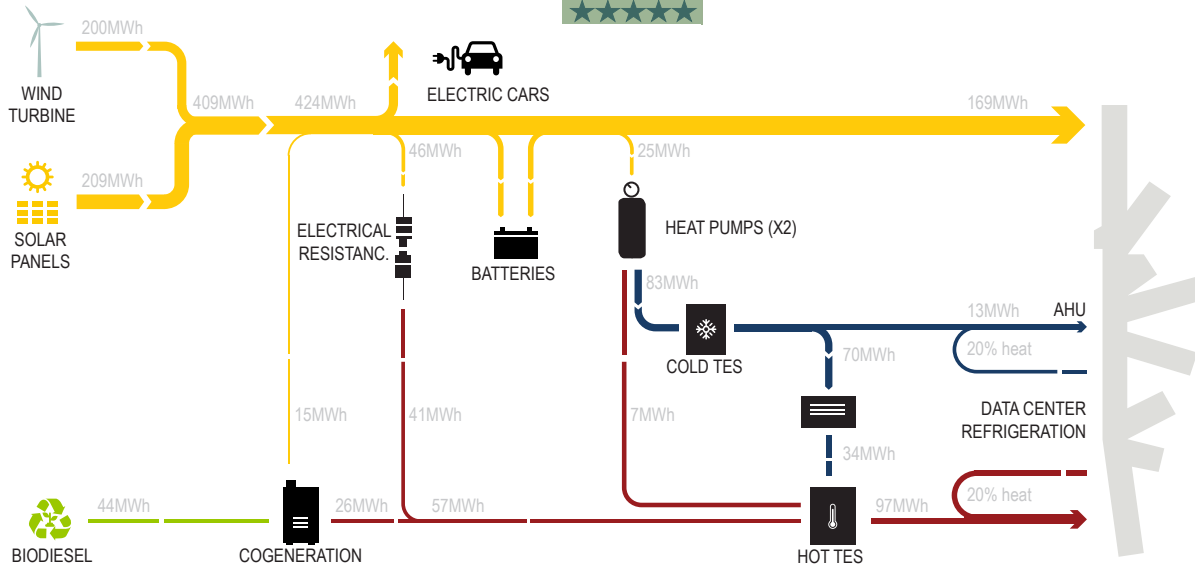
100%
ENERGY
COVERED WITH
RENEWABLES

24^h
365 DAYS
DISCONNECTED
FROM THE NET



25%
LESS ENERGY
DEMAND THAN
PASSIVHAUS

0^t
OF CO₂
EMISSIONS
PER YEAR



WIND POWER.
NET100 WIND TURBINE FOR 100KW.

PHOTOVOLTAIC ENERGY.
165 KWP PANELS INSTALLED ON PARKING ROOF.

BIODIÉSEL.
COGENERATION SYSTEM OF 50KWE AND 90 KWT TO SUPPORT HVAC, PLUS A 120 KWE BACKUP SYSTEM

OG+ SYSTEM.
OG+ ADVANCED CONTROL SYSTEM, MAKING IT POSSIBLE TO COORDINATE ENERGY GENERATION, STORAGE, AND CONSUMPTION IN REAL TIME

BATTERIES
SYSTEM FOR ACCUMULATING ELECTRICAL ENERGY THROUGH 350 KWH AND 200 KW LITHIUM BATTERIES, MAXIMIZING USE OF RENEWABLE ENERGIES.

ELECTRIC VEHICLES
FIVE LOADING STATIONS FOR ELECTRIC VEHICLES.

THERMAL ACCUMULATION BY WATER.
TWO TANKS FOR HOT WATER AND ONE FOR COLD WATER THROUGH WHICH SURPLUS ELECTRICAL ENERGY CAN BE STORED IN THE FORM OF HEAT. IN THIS WAY, IN ACCORDANCE WITH STRATEGIES SET BY THE OG+ SYSTEM, SUPPLY AND DEMAND NEED NOT BE EQUAL.

GEOTHERMAL ENERGY.
UNDERFLOOR HEATING PROVIDED BY TWO GEOTHERMAL PUMPS OF 52 KWT EACH.