

WSTAR

Wasa zero emission data centre



Vaasan yliopisto
UNIVERSITY OF VAASA



Åbo Akademi University



Funded by
the European Union
NextGenerationEU



SUOMEN AKATEMIA



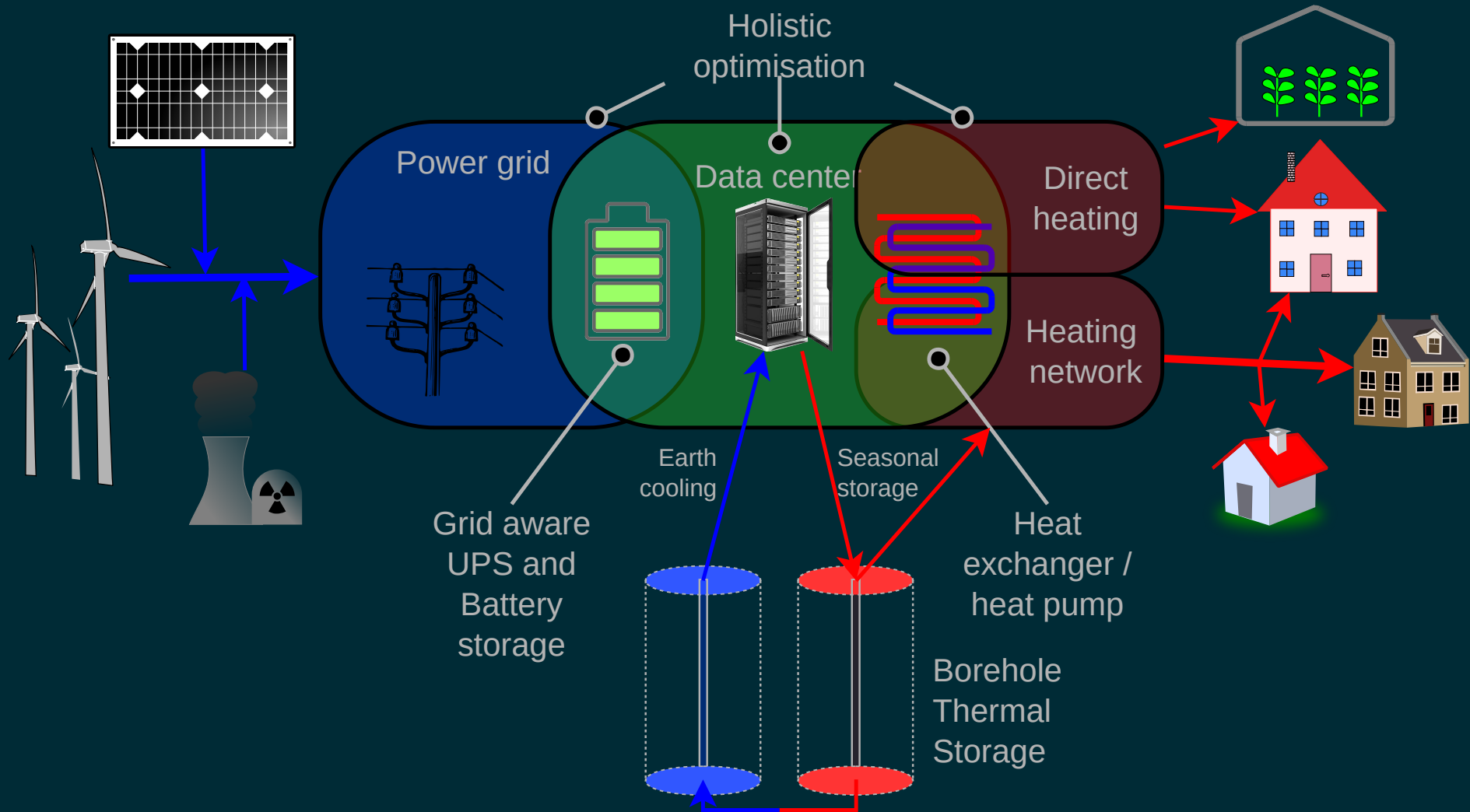
PROJECT INFO

- Academy Of Finland, FIRI project
- Timeline 1.1.2023 - 31.12.2025
- Total budget: 2 M€
- Partners:
 - University of Vaasa
 - Åbo Akademy
 - Novia University of Applied Sciences
 - Vaasa University of Applied Sciences (VAMK)

MOTIVATION

- Heart of the Internet
- Nordic countries are ideal location
- No previous research infrastructure in Finland
- Connects heat to power
- Data centres consume 3 TWh of electricity, less than 1% of heat utilised
- New EU Energy Efficiency Directive (EED)
- New sustainability metrics

THE FUTURE: TIGHT SECTOR COUPLING



ACTIVITIES

- Nordic research collaboration
- Impact to EU policies
- Education

