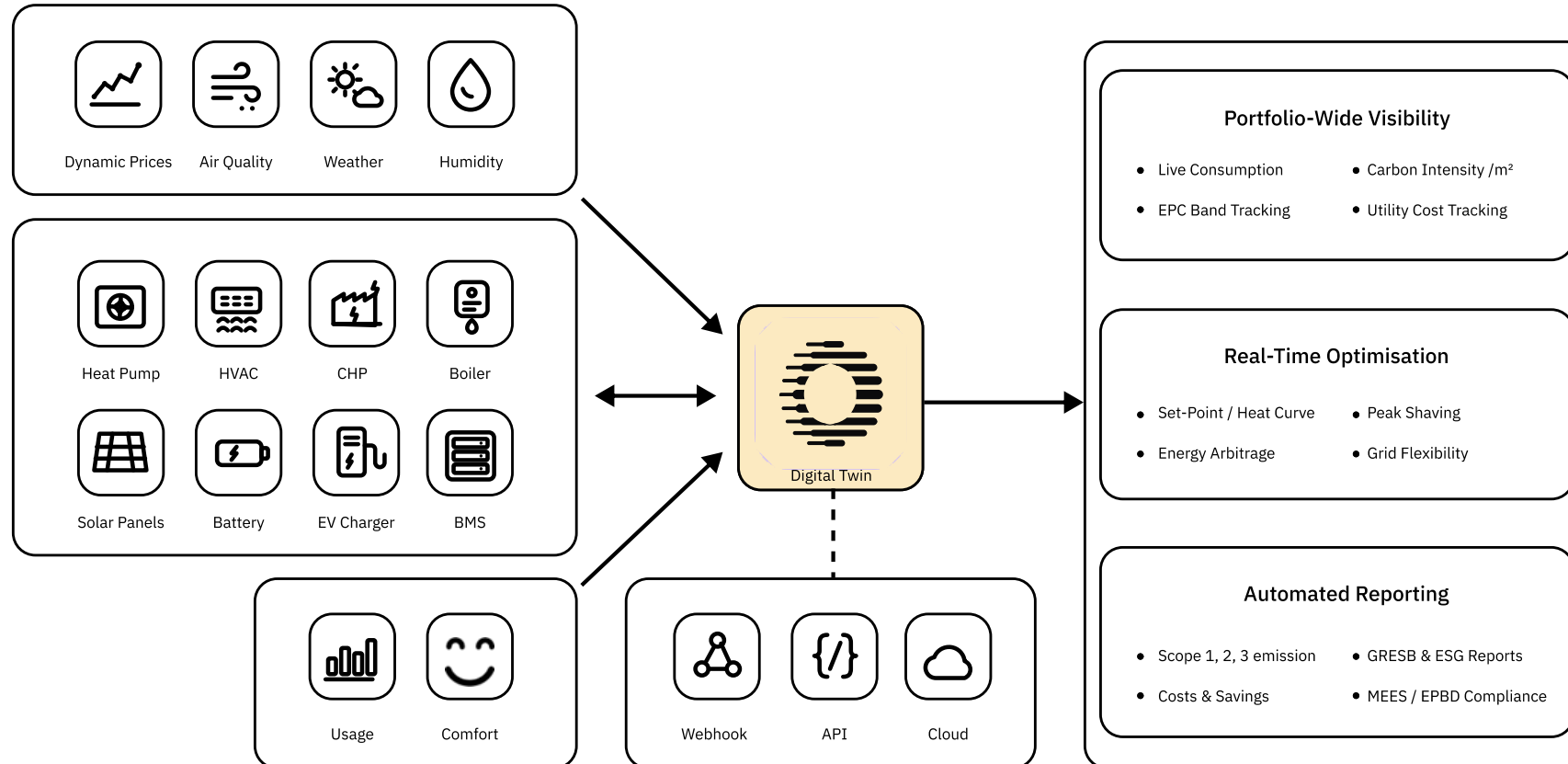


The background of the image is a photograph of a modern, multi-story building with a glass facade. The building is situated in an urban environment, with other buildings visible in the distance. The sky is filled with clouds, and the sun is setting, creating a warm, golden glow. The logo, consisting of the word "neos" in a white, sans-serif font, is centered over the building. The letter "o" is replaced by a stylized graphic of a circle with horizontal lines passing through it, suggesting a digital or technological theme.

neos

Applied AI for Building Energy Systems

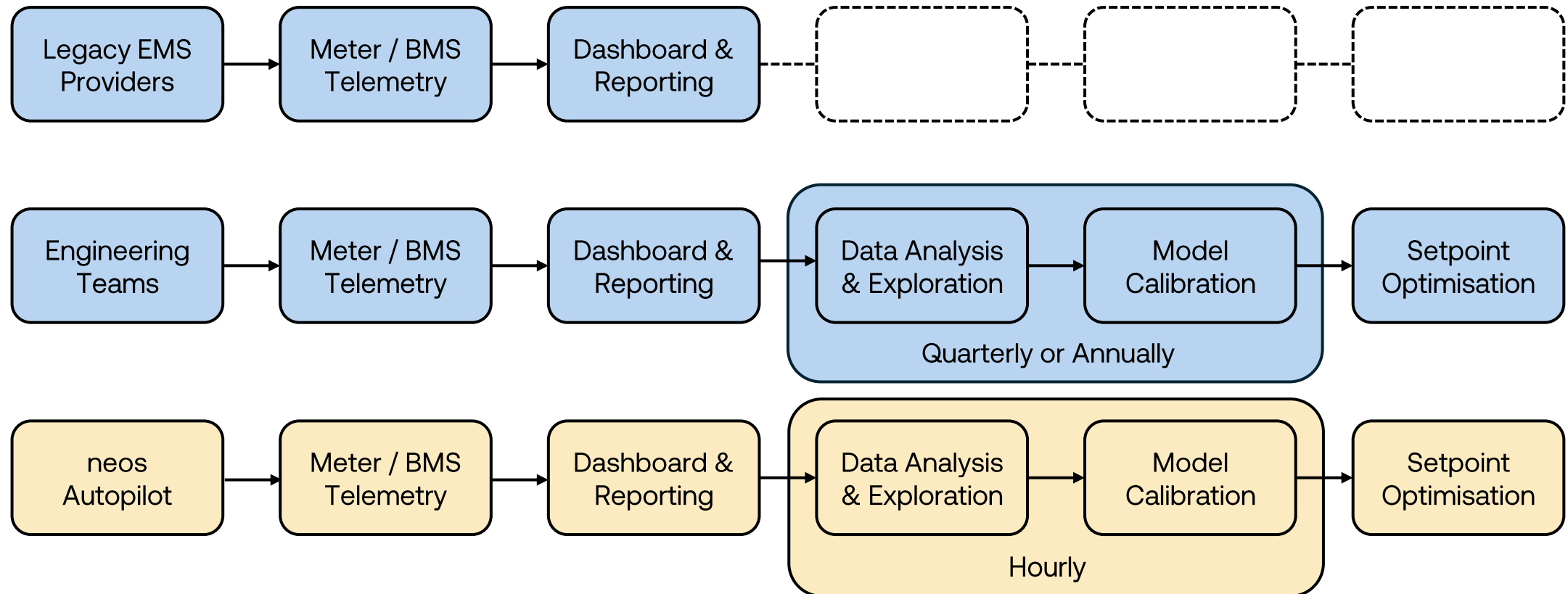
How it works



neos orchestrates energy autonomously in real-time. No manual intervention required.

Every hour. Every building.

In the plant room, nothing visibly changes. Same boilers, same pumps, same panel.
What changes is who is thinking about it, and how often.

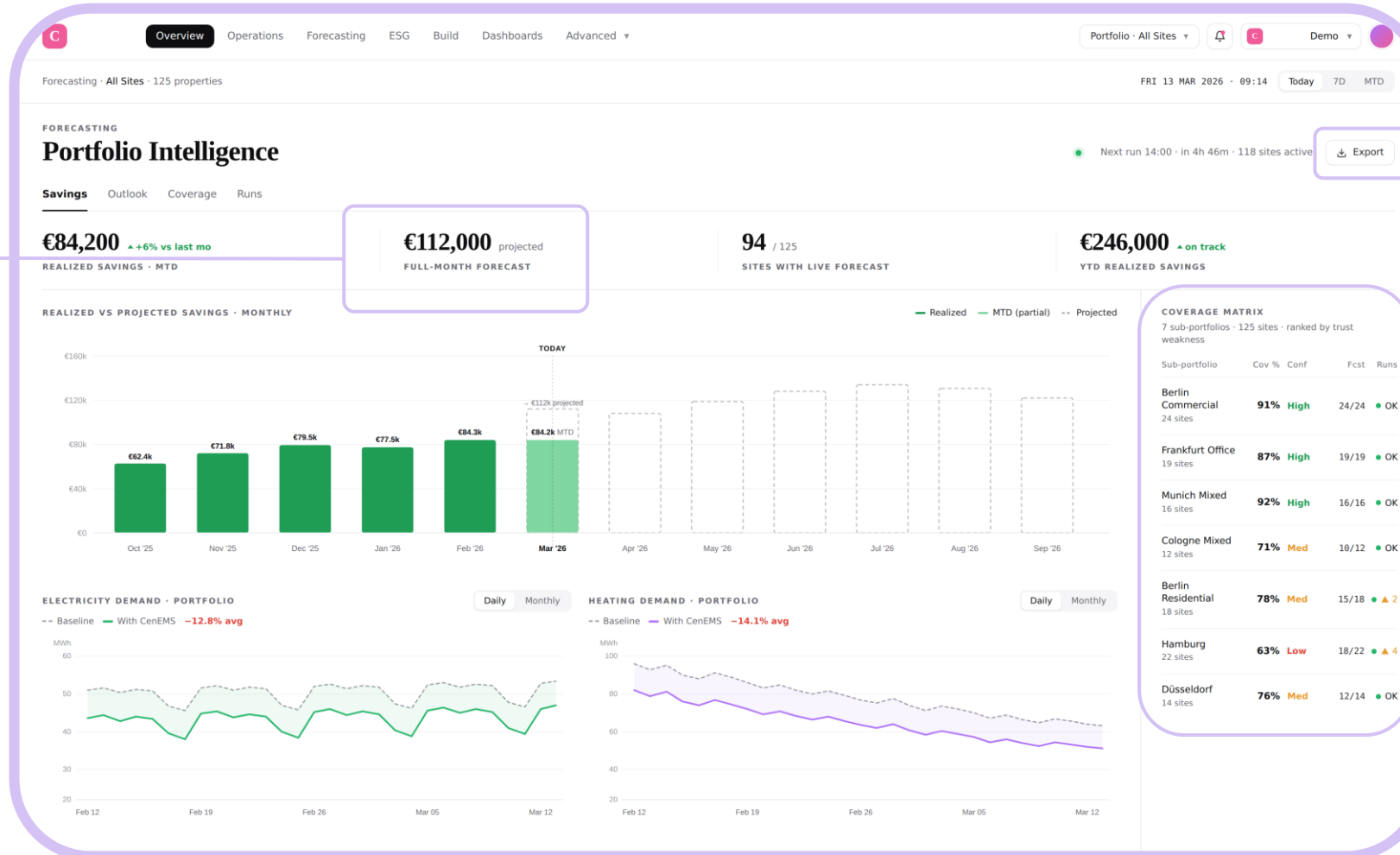


One Platform for Your Entire Portfolio

Illustrative platform view, not real data due to GDPR constraints.

See where this month will close based on current consumption, weather and tariffs.

Refreshes through the day so finance can plan variance rather than wait for invoices.



Download live data as PDF or Excel.

Built for lender reports, CSRD and BREEAM submissions.

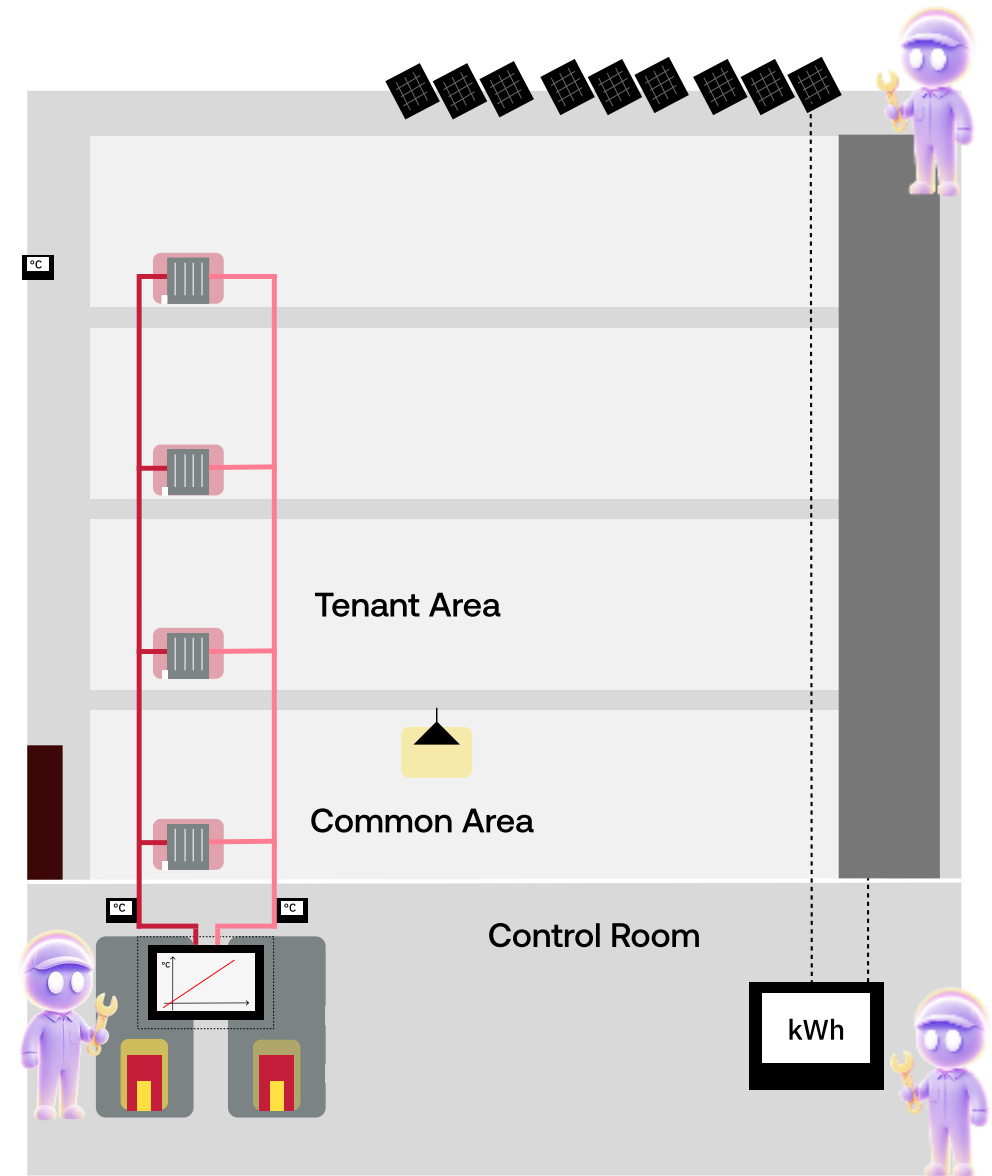
Identify performance gaps in your portfolio across geographies and assets types. Guide investment decisions.

Usage Scenario 1

2 Boilers + PV

Notes

- **neos** ingests outdoor temperature and enriches it with weather forecast data, so control decisions are predictive rather than reactive.
- **neos** replaces the static heat curve with a **dynamically optimised flow temperature setpoint**, adjusted continuously for forecast weather, occupancy schedule and the building's learned thermal response.
- **neos sequences** the two boilers, staging them to run at efficient part load, rotating lead-lag duty and preventing short cycling. Runtime is matched to the occupancy schedule with optimal start and stop.
- **neos** continuously monitors flow temperature to verify setpoint tracking and confirm the optimised curve is being delivered.
- **neos** monitors return temperature to keep boilers in condensing range and to detect low delta-T, which indicates overpumping or poor heat emission.

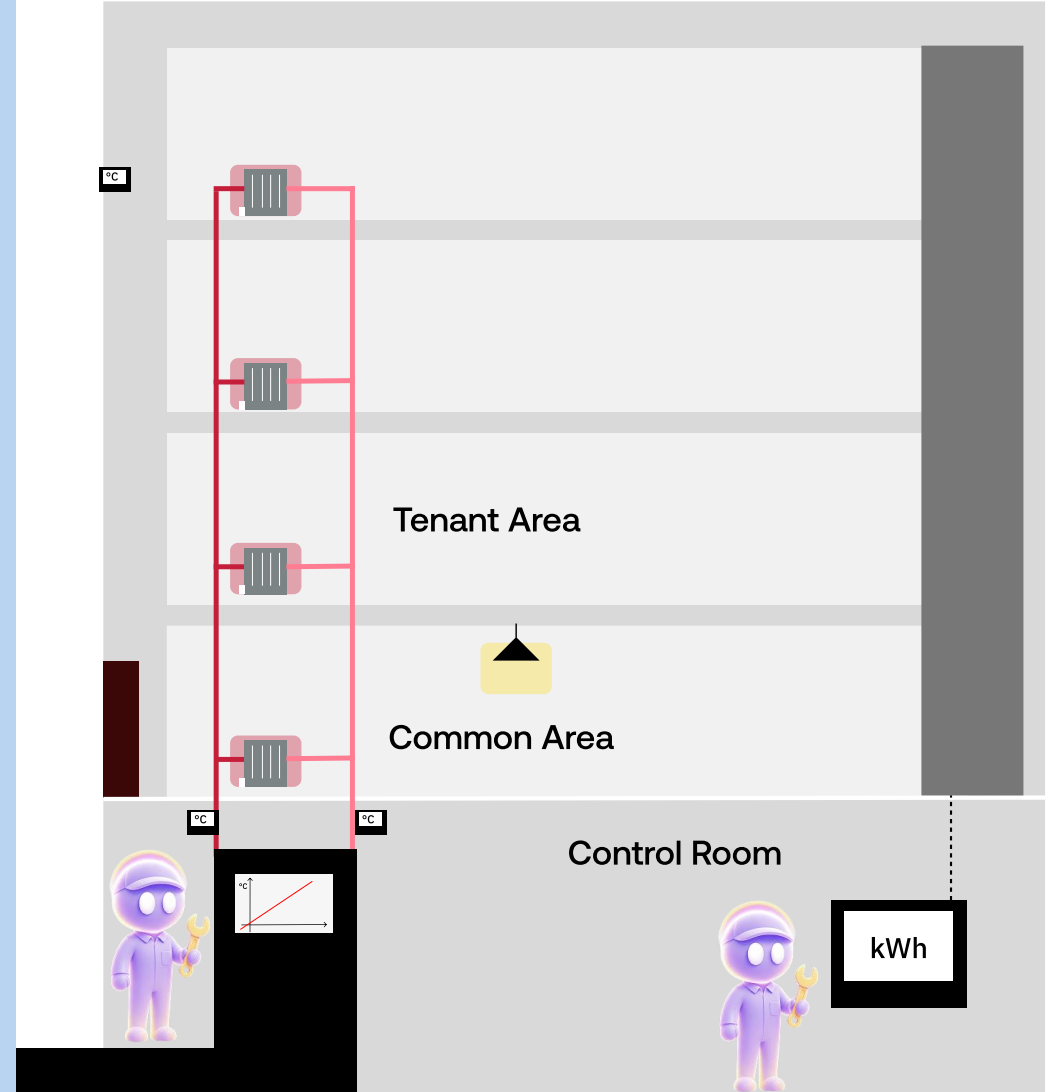


Usage Scenario 2

District Heating

Notes

- neos ingests outdoor temperature and enriches it with weather forecast data, so control decisions are predictive rather than reactive.
- neos replaces the static heat curve with a dynamically optimised flow temperature setpoint, adjusted continuously for forecast weather, occupancy schedule and the building's learned thermal response.
- neos controls the district heating substation directly, modulating heat offtake to match actual demand instead of drawing at a fixed schedule. Runtime is matched to the occupancy schedule with optimal start and stop.
- neos continuously monitors flow temperature to verify setpoint tracking and confirm the optimised curve is being delivered.
- neos monitors return temperature to keep heat offtake from district heating optimally delivered and to detect low delta-T, which indicates overpumping or poor heat emission.

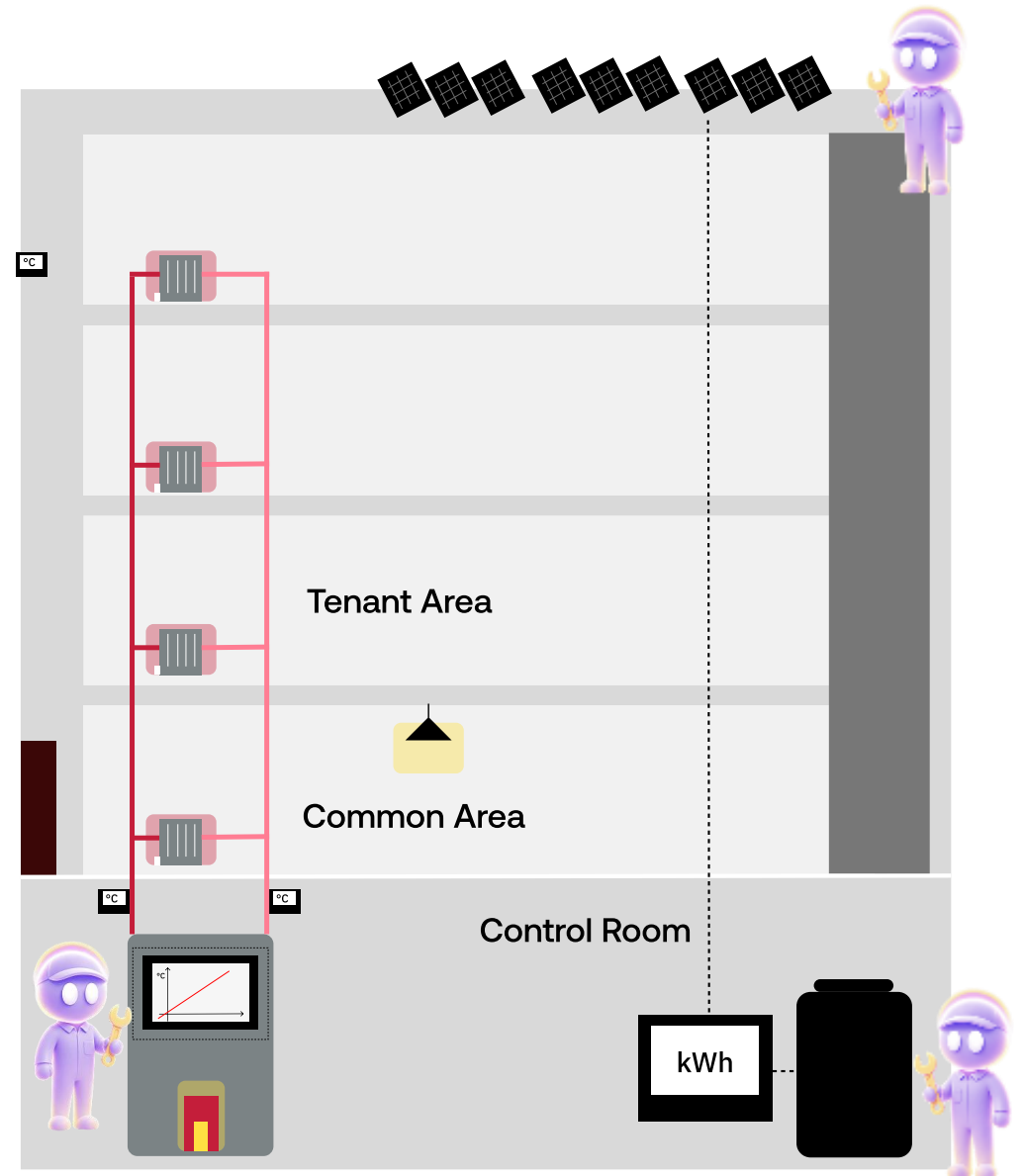


Usage Scenario 3

Boiler + PV + Battery

Notes

- **neos** ingests outdoor temperature and enriches it with weather forecast data, so control decisions are predictive rather than reactive.
- **neos** replaces the static heat curve with a dynamically optimised flow temperature setpoint, adjusted continuously for forecast weather, occupancy schedule and the building's learned thermal response.
- **neos** continuously monitors flow temperature to verify setpoint tracking and confirm the optimised curve is being delivered.
- **neos** monitors return temperature to keep boilers in condensing range and to detect low delta-T, which indicates overpumping or poor heat emission.
- **neos** meters on-site solar generation and coordinates battery charge and discharge, maximising self-consumption and shifting grid import away from peak tariff periods.



The Founding Team

Where tech, energy, real estate, and investment decision-making meet — which happens to be exactly where the problem lives.

Omer Caspi

Co-Founder & CEO — 7+ years experience as IOT software developer. Previously Head of Technology at a German ESCO, where he spent 18 months trying to find the solution he ended up building.

Sonya Hofer

Co-Founder & COO — Experience in commercializing and scaling FinTech within real estate finance. After speaking to 1,000+ landlords, she understood that capital is only half of the battle.

