

THE GREEN RESTART SERIES



Delivering on the **Korean New Deal** in Commercial Buildings

Five ways to accelerate a green digital transformation in Korea with solutions available today.

40%
of global energy use is attributed to buildings

Energy efficiency first

Improving energy efficiency is the quickest and most affordable way to decarbonize our economy. Optimizing our energy usage will also facilitate renewables uptake, speeding up our path to net zero.

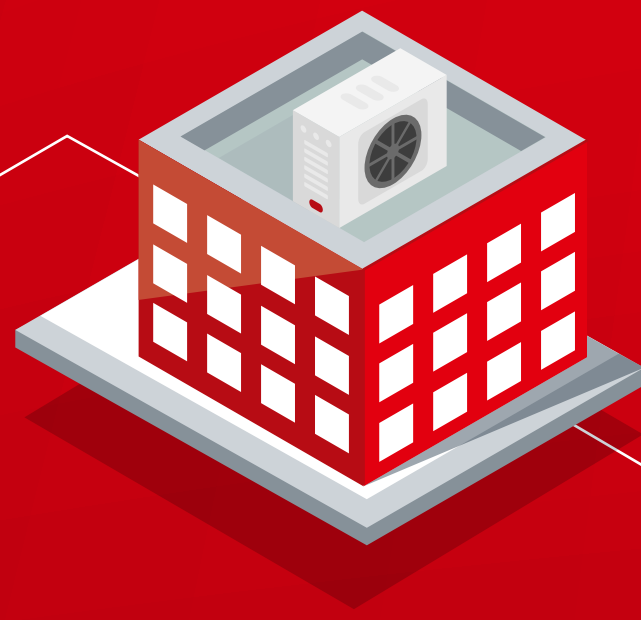
Up to **30%**
energy savings by optimizing technical building systems



Zoom in on evolving HVAC technology

By adapting cooling, heating, ventilation and air-conditioning to the rhythm of the building's actual needs, we can increase performance and reduce energy need, operational costs and CO₂ emissions.

30%
of a buildings' energy footprint is used for HVAC on average



Go for tailor-made climate technology

Sustainable and ready to implement technologies are already available for the Korean market. Oil-free compressors and Heat Exchangers are some of the top-performing solutions that can be customised to ensure even distribution across all floors with maximum energy efficiency.

Up to **75%**
of a building's lifecycle cost is operational



Take it to the next level with intelligent controls

By connecting hardware to the cloud with intelligent control systems like LeanHeat, NovoCon and Danfoss Ally, buildings can hyper-optimize energy use, adapt in real-time, and even use AI to forecast demand based on previous behavior.

10%
of global building sector demand could be reduced with smart homes and buildings



Support clean air and job creation

Investing in climate-friendly HVAC technology not only puts a stop to the energy waste in our buildings. It also improves air quality in cities, creates better indoor climate and boosts local job creation.

9-30
jobs would be created for every 1.1 billion won invested in energy efficiency in buildings



Where to **learn more?**

■ Visit the **green restart hub** for more inspiration

■ Explore our **white paper** to learn more about the solutions for a green restart in Korea

ENGINEERING TOMORROW

