

# 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 CO<sub>2</sub> 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

