

The KONE logo, consisting of the letters 'K', 'O', 'N', and 'E' in white, each inside a blue square.

Research, Development and Innovation
Ecosystem program 2025-2029

KONE Renaissance

Tomorrow's cities begin with today's buildings

Dedicated to
People Flow™

A woman with dark hair, wearing a white shirt and a dark vest, is leaning forward with her chin resting on her hand, looking thoughtfully at a city skyline in the background. The skyline features various high-rise buildings under a clear sky.

Facing the future cities

2024

40%

of global energy related ghg
emissions come from buildings.

2025

80%

of the buildings today will still exist in 2050.

6BILLION

people will be living in cities.

ZERO

GHG emissions.

KONE Renaissance

KONE has launched a 5-year innovation, research and development program with ecosystem partners to transform the building sector by tackling the challenges to adapt, digitalize and decarbonize existing buildings.

In the Renaissance program, KONE is advancing research and development in data and AI-driven building lifecycle management, sustainable materials, and next-generation retrofit processes. Together with our ecosystem partners, the program brings innovative digital and sustainable retrofit solutions to the built environment, grasping the multi-billion euros business opportunity in modernization market and real estate.



ADAPT



DIGITALIZE



DECARBONIZE



KONE Renaissance impact

FROM

High-consumption living

High energy bill

High embedded carbon

Limited optimization

Many hassles, many service providers

Limited investments, lots of disruptions

TO

Low-carbon quality living


Net zero energy

Net zero materials

Data-driven building-level optimization

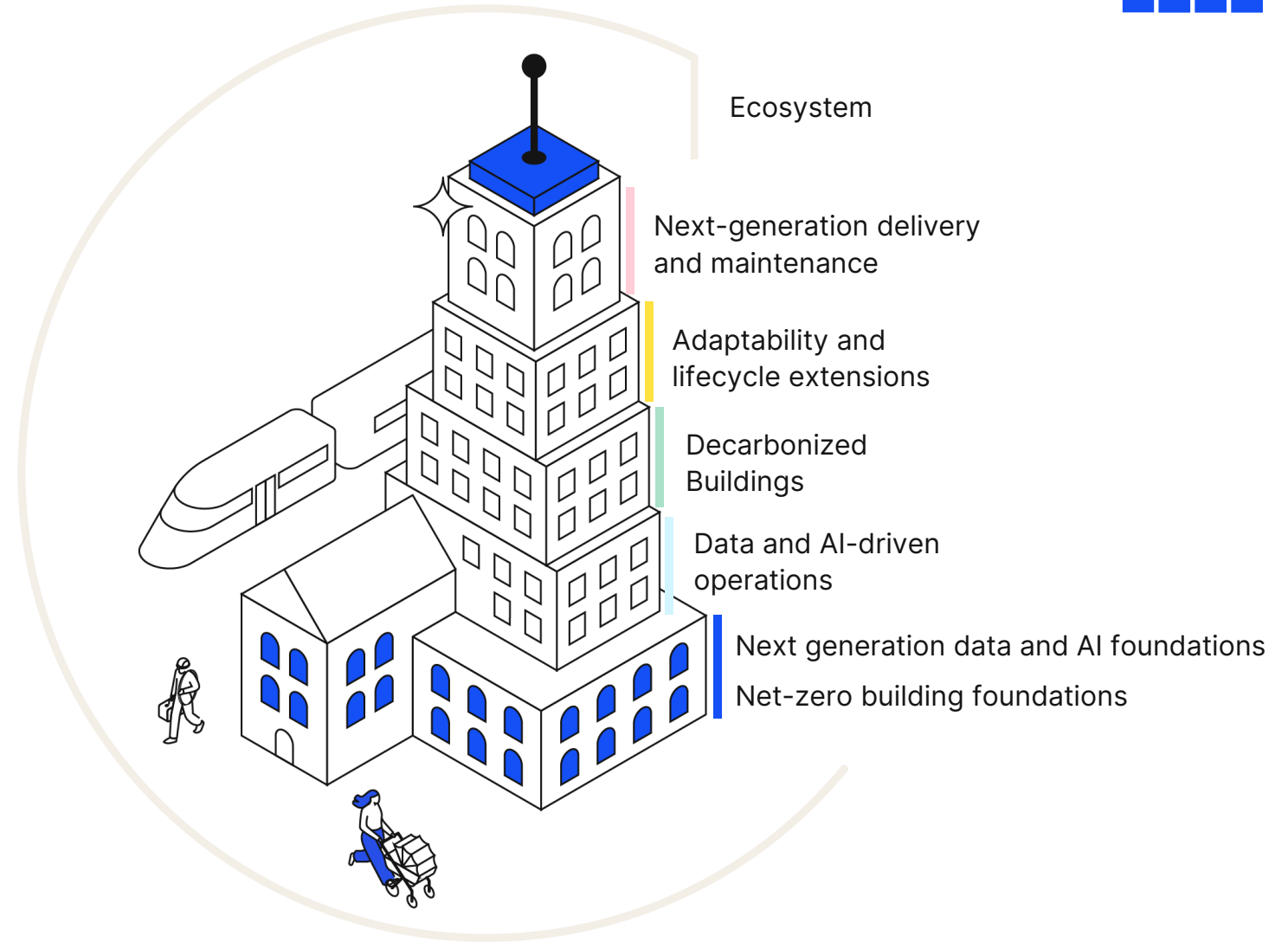
Digital and automated maintenance

New business models, adaptability & delivery



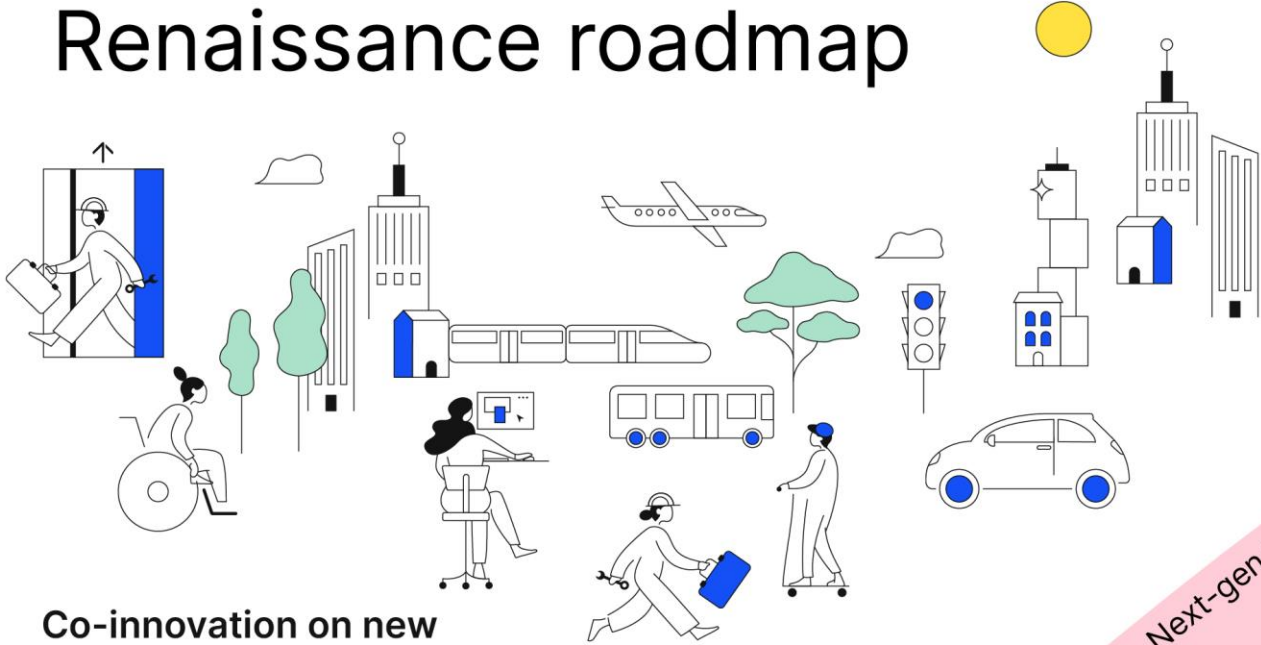
KONE Renaissance mission

Total revival of
existing buildings
for low-emission
living and working
by 2030.

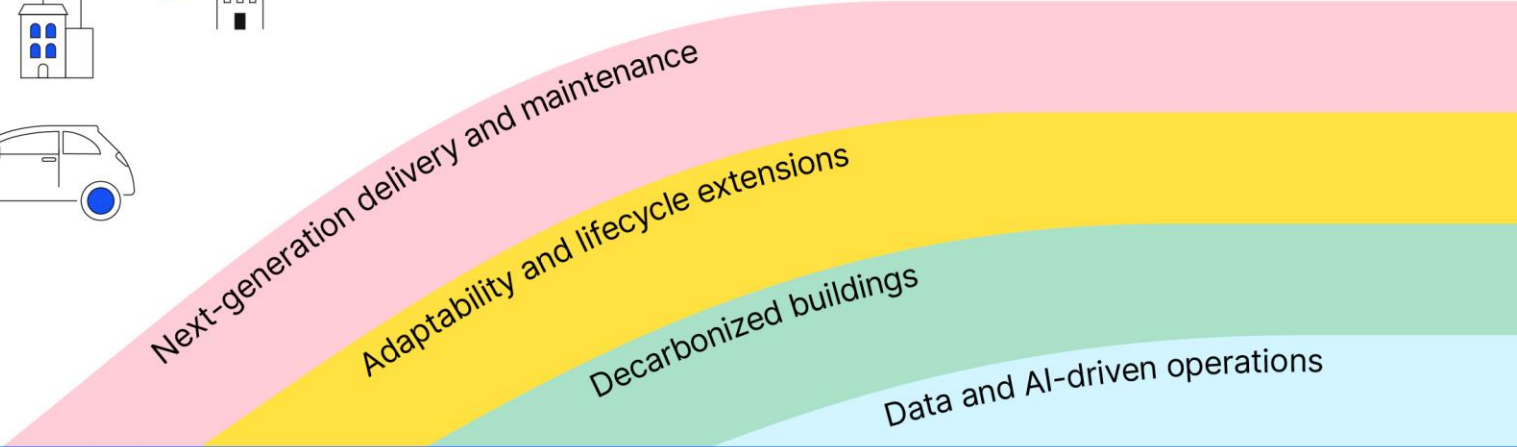


KONE Renaissance program focus areas

Renaissance roadmap



Co-innovation on new services and solutions



Research on AI and climate technology

Net-zero building foundations

Next-generation data and AI foundations



We are looking for partners from different domains



Small and Medium Enterprises (SMEs)

to bring practical technology integration expertise for piloting and scaling new solutions in real-world environments.



Research partners

especially universities and research institutions to build foundations and future-facing competencies through shared research, testbeds, thesis projects and participation in research consortia & EU funded initiatives.



Corporations

to engage in strategic co-innovation partnerships and in building scalable solutions through peer collaboration and shared expertise, driving real market impact.



Startups

to drive agile innovation and bold disruptive concepts through piloting new solutions, accelerating go-to-market and co-creating the next generation of building technologies.



KONE