



KONE

CONTROLLER & HOISTING MODERNISATION FOR LOW AND MID-RISE LIFTS

KONE ReGenerate™ 200 and 400

THE TOP-TO-BOTTOM RENEWAL FOR YOUR LIFT

Even with proper maintenance, all lifts need thorough modernisation eventually. After years of constant use, parts will need replacing and you'll probably find that repair bills start to rise.

Finding spares can become a problem. You can also find yourself facing issues with safety and reliability as well.

As well as consuming more power than modern lifts, older lifts also contain outdated technology. The hoisting machine will probably have poor energy efficiency and might be the cause of frequent breakdowns.

All of this can have an impact on the value of your building. Is it time to think about giving your lift a new lease on life?

CUT COSTS AND REDUCE HASSLE WHILE IMPROVING RELIABILITY AND SAFETY

KONE ReGenerate™ is a comprehensive controller and hoisting modernisation solution that can save you a considerable amount of money and hassle over your lift's lifetime. This can be supplemented with new lift cars, signalisation and landing doors, and a destination control system.

The modernisation solution is based on KONE EcoDisc™ hoisting technology, which can significantly cut your lift's operating costs and improve its reliability.

KONE ReGenerate also improves the safety and accessibility of your lift. After the modernisation, accurate levelling with landing floors will reduce the risk of people tripping on the lift sill, while new safety devices monitor uncontrolled car movement and prevent overspeed when the car is ascending.

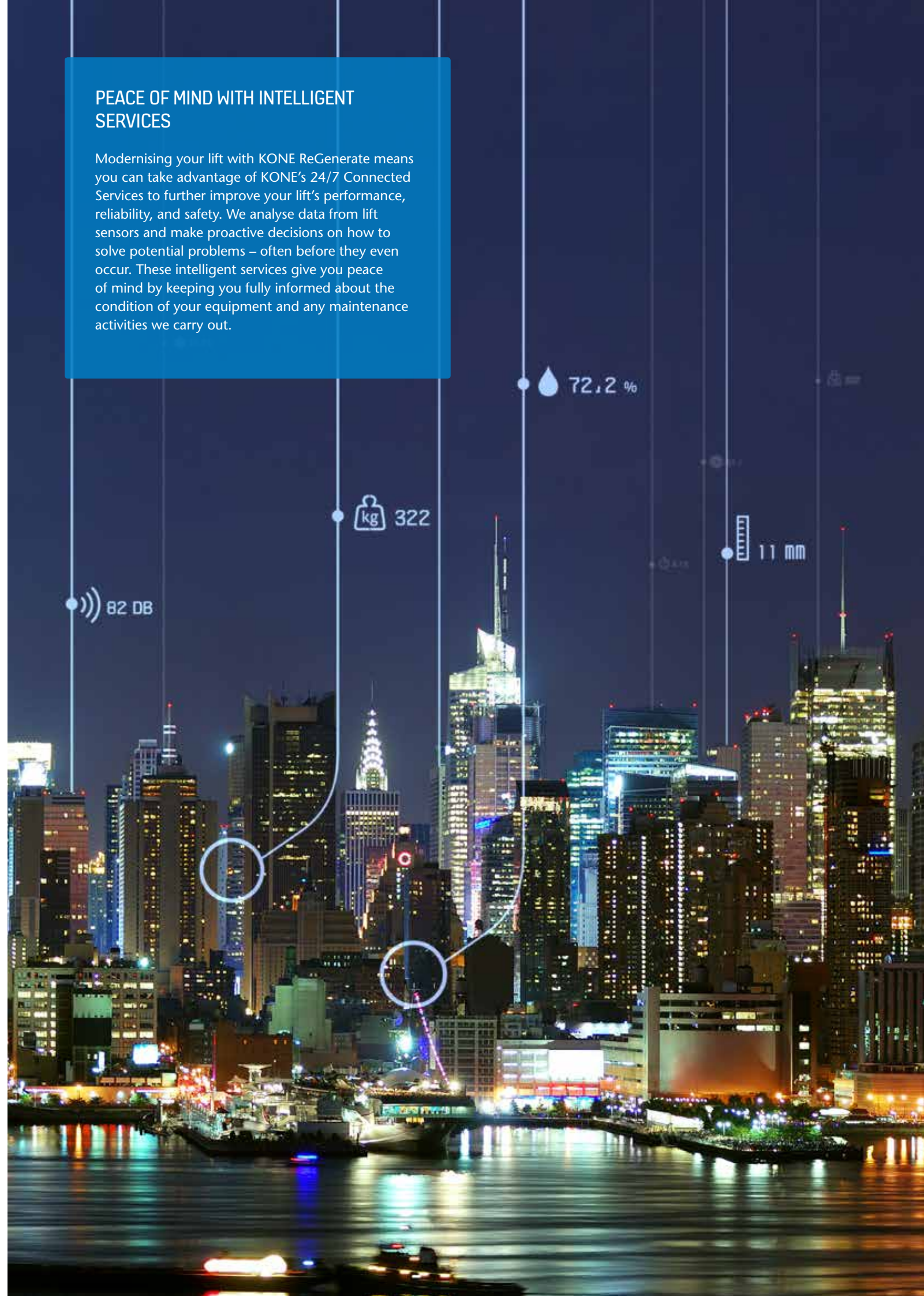
KEY BENEFITS

- Improves lift energy efficiency, reliability, and safety
- Improves accessibility with accurate levelling
- New safety devices monitor uncontrolled car movement and prevent overspeed
- Minimises lift downtime with quick installation
- Complies with all relevant EU safety and accessibility standards



PEACE OF MIND WITH INTELLIGENT SERVICES

Modernising your lift with KONE ReGenerate means you can take advantage of KONE's 24/7 Connected Services to further improve your lift's performance, reliability, and safety. We analyse data from lift sensors and make proactive decisions on how to solve potential problems – often before they even occur. These intelligent services give you peace of mind by keeping you fully informed about the condition of your equipment and any maintenance activities we carry out.



LOOKING FOR A SAFER LIFT WITH BETTER PERFORMANCE?

We offer two versions of KONE ReGenerate: KONE ReGenerate 200 for residential buildings and KONE ReGenerate 400 for commercial environments like offices, hotels, and retail premises. Both versions involve the complete replacement of your lift's electrification and hoisting systems. The new machine is equipped with a silent brake that minimises the noise disturbance.

For extra peace of mind, you can add a two-way KONE Remote Monitoring Communication System that passengers can use to contact the local KONE Customer Care Center in case of emergencies.

ROBUST, RELIABLE COMPONENTS AND FASTER FAULT DIAGNOSIS

KONE ReGenerate components are designed to be robust and reliable. The fully encapsulated circuit boards keep out dust and foreign objects and reduce the risk of electrostatic discharge.

The modernisation also includes a modern safety system that automatically identifies faults at the switch level and shows them on a graphical display that technicians can use to quickly diagnose problems.

WE CAN PROVIDE A FREE ASSESSMENT AND EXPERT RECOMMENDATIONS

To support easier planning and budgeting, we can carry out a free, no-obligation KONE Care for Life™ assessment of your equipment. We will perform a thorough examination of your lift's current performance, accessibility, safety, eco-efficiency, and aesthetics. We can then advise you on the options open to you and recommend repairs or modernisation solutions that fit with your asset management strategy.

DEDICATED PROJECT MANAGEMENT – WE'LL TAKE CARE OF EVERYTHING

A dedicated KONE project manager will make sure the project goes smoothly and efficiently and answer any questions you may have. We'll make sure there is as little disruption as possible to everyday life in the building, and recycle or responsibly dispose of any parts we remove from your old lift.

LOWER POWER CONSUMPTION MEANS LOWER OPERATING COSTS

Our gearless, oil-free KONE EcoDisc™ hoisting machine cuts the energy consumption of your lift by using a low starting current to ensure high electrical efficiency. For traction lifts, our Variable Voltage, Variable Frequency (V3F) drive control significantly reduces energy consumption.

You can save even more power with our advanced standby features that power down certain functions when the lift isn't being used. Further energy savings can be achieved with the optional regenerative drive module.



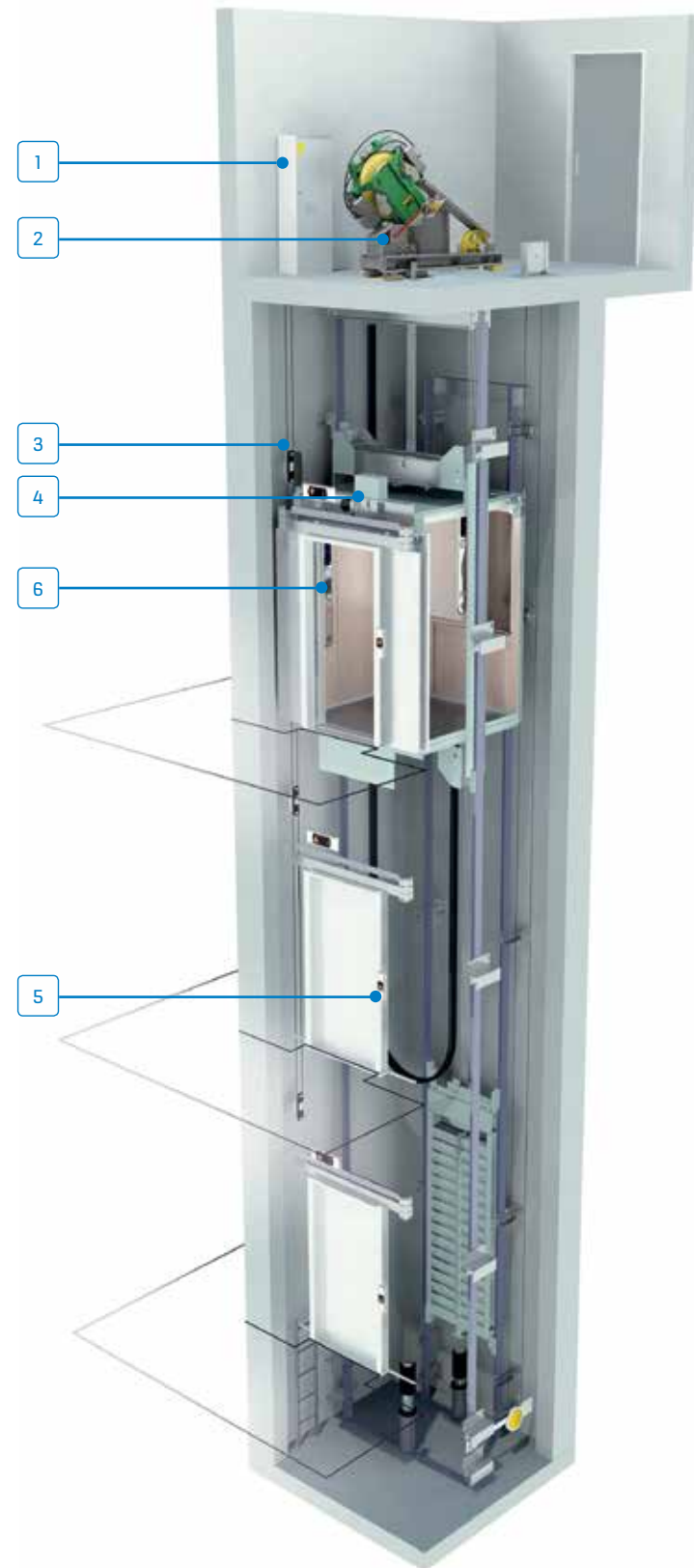
The KONE ReGenerate™ 200 controller cabinet

Hosting machine	KONE ReGenerate 200				KONE ReGenerate 400			
	NMX08	NMX11	NMX11	NMX11	MX14	MX14	NMX18	NMX18
Roping Ratio	1:1	2:1	1:1	2:1	1:1	2:1	1:1	2:1
Max. load (kg)	325	630	575	1150	680	1375	1150 (1200*)	1375 (2.5 m/s) 2050 (1 m/s)
Max. speed (m/s)	1.6	1.0	1.6	1.6	2.0	2.5	2.5	2.5/1.0
Max. travel (m)	30	30	50	50	75	90	70	90
Max floors	24	24	24	24	32	32	32	32
Max. lifts/group	4	4	4	4	4	4	4	4
Typical starts/year	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000

* Only in special traction conditions would 1200kg be achieved

KONE REGENERATE™ INCLUDES:

- 1 KONE ReGenerate controller cabinet
- 2 KONE hoisting machinery
- 3 Positioning system
- 4 Door operator interface
- 5 Signalisation
- 6 KONE Remote Monitoring (optional)



WE'RE WITH YOU EVERY STEP OF THE WAY

Modernising a lift with KONE ReGenerate is simpler than you'd think, especially when we're there to help you through the entire process. To give you a better idea of what's involved, we've outlined the main ways that we help and support you at each step.

INSTALLATION SERVICES

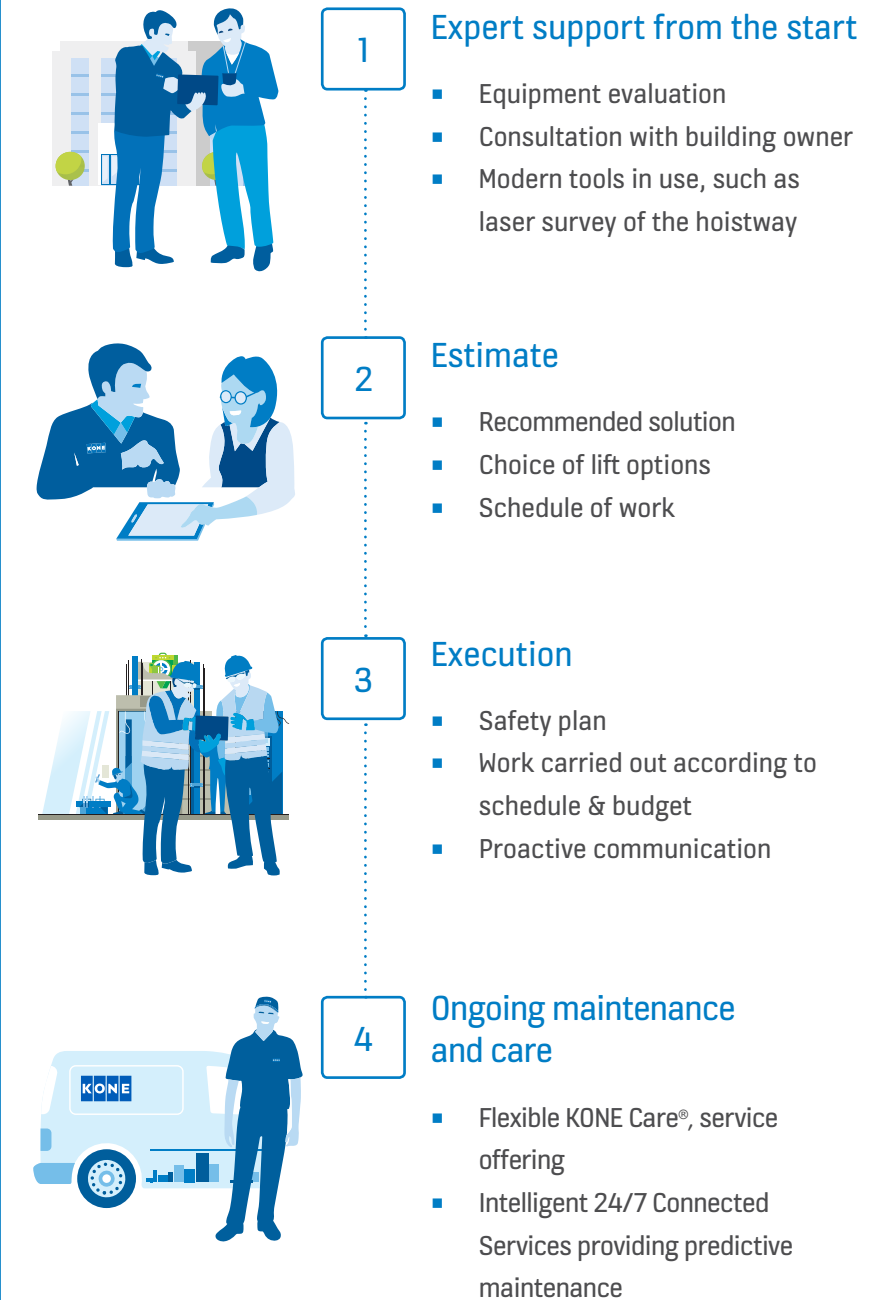
During installation we will always:

- Prioritise the safety of building users
- Ensure the site is properly protected and kept clean
- Use tools that minimise noise

Optionally, we can also:

- Adapt our working hours to minimise disruption (e.g. by performing the work at night in an office building, or during specified hours in a hotel)
- Offer express delivery in the case of urgent need
- Customise safety screens with a design of your choice
- Ensure the lift is available for use at the end of each working day

MODERNISATION CUSTOMER JOURNEY



The precise duration of each project phase is subject to the specifics of the individual project. KONE has industry-leading expertise in delivering modernisation projects on schedule and budget. Safety is our paramount concern throughout the period of replacement works in your building. While each customer situation is unique, we know how to plan the process in a way that creates minimum disturbance for your building's residents. We have the competence and experience to plan and install your upgrade properly, even in the most challenging places.

KONE provides innovative and eco-efficient solutions for lifts, escalators, automatic building doors and the systems that integrate them with today's intelligent buildings.

We support our customers every step of the way; from design, manufacturing and installation to maintenance and modernisation. KONE is a global leader in helping our customers manage the smooth flow of people and goods throughout their buildings.

Our commitment to customers is present in all KONE solutions. This makes us a reliable partner throughout the life cycle of the building. We challenge the conventional wisdom of the industry. We are fast, flexible, and we have a well-deserved reputation as a technology leader, with such innovations as KONE MonoSpace® and KONE UltraRope™.

KONE employs close to 55,000 dedicated experts to serve you globally and locally.

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