



Renew your Elevator Experience

EASY, EFFICIENT AND ECONOMICAL MODERNIZATION SOLUTIONS FOR AGING ELEVATORS



Outdated elevators cause unpleasant ride experiences

Elevator travel is an integral part of modern life. For most people in urban areas, the day starts as well as ends with a ride in the elevator. An aging elevator though periodically maintained can often be a source of discomfort and displeasure in residential complexes. In commercial establishments, the poor ride quality results in negative perception of the building as well as customer dissatisfaction.



Symptoms of aging elevators

- 1 Poor performance**
Excessive waiting time, delayed call response time, disturbing noise & increased frequency of breakdowns.
- 2 Uncomfortable user experience**
Poorly performing doors, uneven leveling causing accessibility problems for wheeled objects like wheelchairs & prams, irritating rides caused by excessive noise & vibration.
- 3 Safety threats**
Non-compliance with current safety standards, worn out hoisting components, malfunctioning doors & safety concerns to kids and senior citizens caused by poor leveling.
- 4 Obsolete design & aesthetics**
Worn out interiors, poor visual appeal, outmoded design & poor aesthetics creating negative perception of building image and residents' living standards.



Industry's most flexible Modernization solutions - from the market leader

With more than 1,00,000 elevators under its service care worldwide, KONE is a pioneer in offering customized Modernization solutions.

KONE Care for Life™ is a free service that thoroughly assesses and presents a complete report on the condition of an aging elevator. Depending on the state of components and elevator performance, the customer can choose a Modernization option that best suits their interests as well as budget.

Versatile solutions - Modernize only what is essential

KONE ReFine™

Enables the changing of components for particular functions like electrification, signalization and improving doors.

KONE RePower™

In addition to component changes, installs new machinery with the eco-efficient gearless technology.

KONE RePlace™

When most parts need replacement and cost of upgrade is quite close to a new elevator, replaces the old elevator completely with a new one.



Advanced Project Management

The KONE Team of engineers and technicians in charge of the Modernization program employ globally tested processes right from the planning stage to the handover.

Minimal disruption to the community

KONE's operational excellence in Modernization ensures that disturbances to residents, customers and the building structure itself are kept to the barest minimum.

Increased safety

KONE is committed in achieving 'Zero Accidents' policy. The Modernization team ensures the maximum level of safety to the building's users, visitors and its sub contractors during every stage of the project.

KONE Info-Mod

From start to completion of the project, the latest information is displayed on the site keeping facility managers, residents and customers updated on the project.

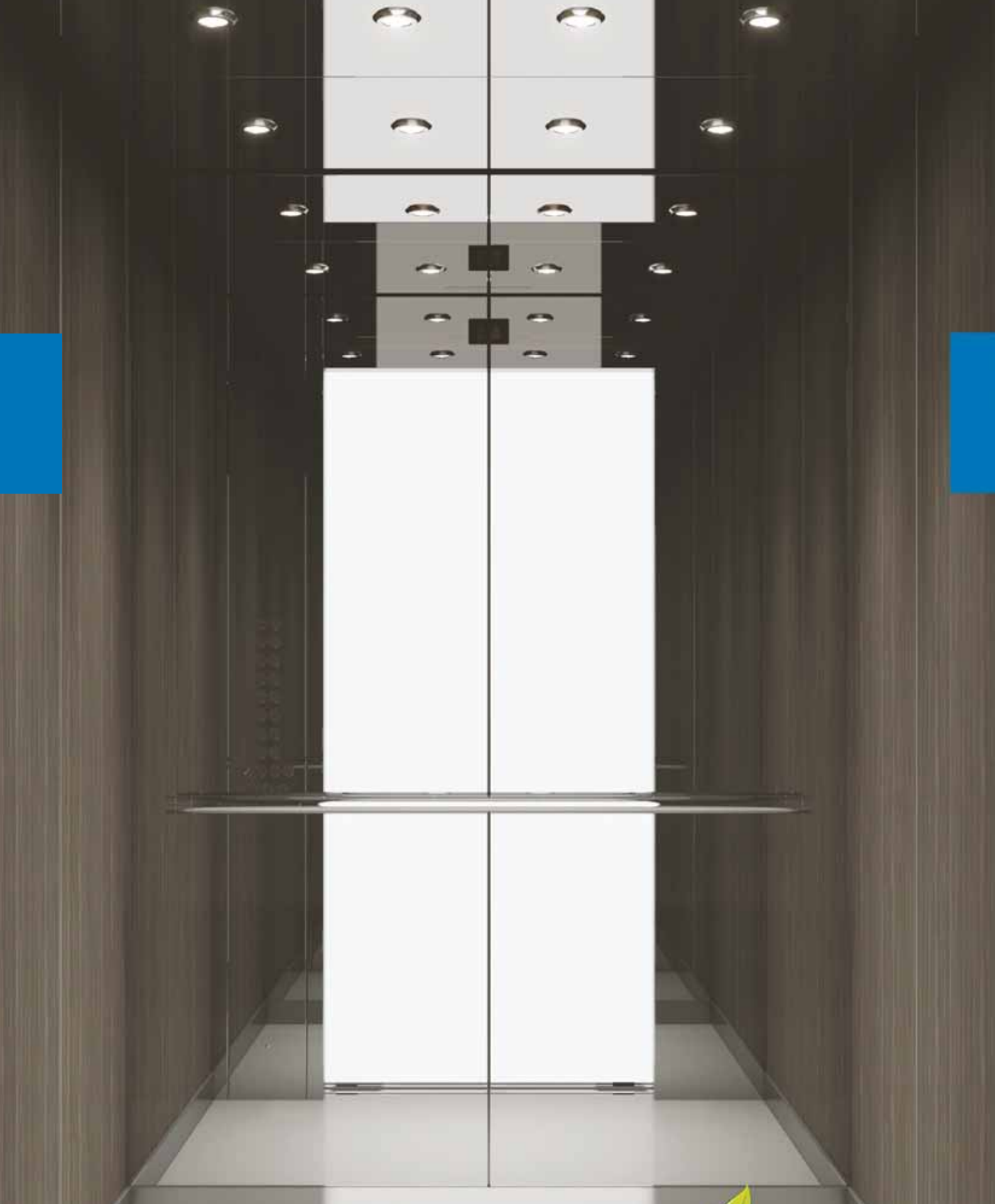
Delivery commitment

As a responsible organization dedicated to the cause of People Flow™, KONE understands the importance of timely delivery and makes on time handover of the modernized elevators its top priority.



24x7 service response

With round the clock call center and a quick response service team of well-trained professionals, KONE offers industry best service-after-sales at all times.



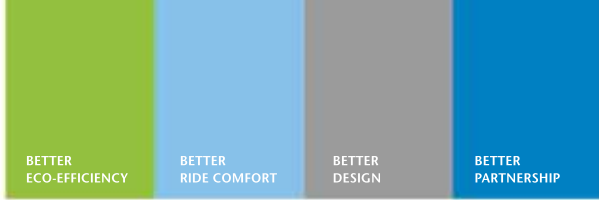
Good Design Award 2014 &
German Design Award 2014
for KONE design collections



reddot design award
Product Design 2012-
Global Design Competition



The entire range rated A class,
the best global rating for energy savings under
VDI 4707 guidelines.



THE BEST MADE BETTER

Upgrade to the future of elevator experience, right now

Next generation elevator range

The newly introduced KONE N MonoSpace® and KONE N MiniSpace™ product range consist of future proof designs and save 28% & 20% more energy respectively than KONE's previous generation elevators.

With the global launch of the New Elevator Platform, upgrading to the next level of elevator travel is now simple, effective and more eco-efficient.

Comprising of newly introduced 52 car designs and hundreds of accessories, KONE offers the industry's widest range of choice as well as customized mix & match options for Modernization projects. What we had always been Best at, has now been made even Better.

Better Eco-efficiency

The renewed EcoDisc® hoisting machine and a host of improved features like the regenerative drive, new door operators, lighting, stand-by mode, balanced hoisting and roller guides contribute to significant energy savings and reduced electricity bills.

Better Ride Comfort

The improved car structure and other upgrades offer superior ride comfort with smooth acceleration & deceleration, better noise isolation and highly accurate car leveling, cutting out vibration and noise transfer to adjacent areas.

Better Design

Under the New Elevator Platform, KONE has introduced 52 new car designs and hundreds of materials and accessories like car wall panels, signalization, car interiors, handrails & floor panels that are aesthetically fulfilling and increase the attractiveness of all building types.

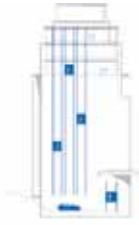
Better Partnership

KONE offers added values to the customers through a committed partnership that continues throughout the life cycle of the product, with its expertise in People Flow™ and strict adherence to safety standards.



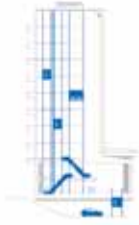
The renewed KONE EcoDisc®

The new revamped hoisting machine is the back bone of excellent performance, superior ride comfort and substantial energy savings.



Residential buildings

Easy to integrate into designs, optimization of building space, smooth operation, lifetime cost reduction, reduced energy consumption.



Office buildings

Efficient control of flow into, through, and out. Ensuring optimal People Flow™ by thorough analyses and simulations.



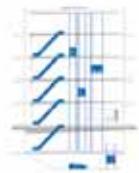
Public transportation and airports

Cost effective 24-hour solutions for People Flow™ in public transit centers, traveling through buildings made easy.



Hotels

Wide range of elevators and escalators, comfortable flow of guests & luggage, staff & equipment, aesthetic experience.



Retail centers

Complete elevator, escalator, automatic doors & autowalk solutions, highly reliable and durable, stylish & aesthetically pleasing.



Medical facilities

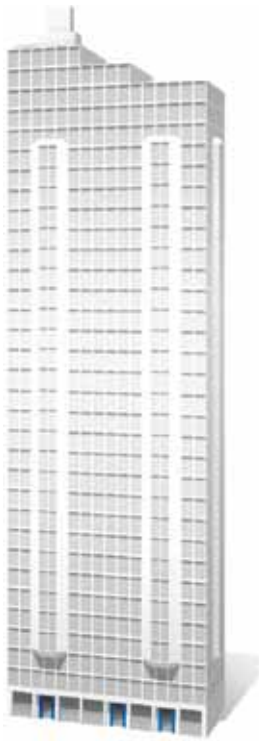
Elevators and escalators that provide accessible, safe, reliable and hygienic rides, large capacity hospital bed elevators, precise leveling to allow easy access.



Special buildings

Special People Flow™ needs for cruise ships, stadiums & concert halls, optimal transportation solutions for transporting goods, people or both.

**KONE Modernization solutions
cover every building type**



▼ High-rise

Full replacement solutions

- KONE MiniSpace™
- KONE MonoSpace®
- KONE MonoSpace® Special

Packages modernization solutions

- KONE ReGenerate™

Modular modernization solutions

- Electrification
- Geared Hoisting Machines
- Cars
- Doors
- Signalization

Accessories

- KONE Info Screen
- KONE E-Link™
- KONE Polaris™ Destination Control System
- KONE Access Control
- Rescue Device Solutions

Full replacement solutions

Product	Speed	Load	Floors	Duty range
KONE MiniSpace™	2-10 m/s	up to 1800 kgs	up to 126	>400,000 starts/year
KONE MonoSpace®	1-4 m/s	up to 1800 kgs	up to 40	>400,000 starts/year
KONEMonoSpace® Special	1-2.5 m/s	up to 1800 kgs	up to 32	>400,000 starts/year

Packages modernization solutions

Product	Speed	Load	Floors	Duty range
KONE ReGenerate™ <i>Hoisting and electrification</i>	1-8 m/s	up to 4000 kgs	up to 126	>400,000 starts/year

Modular modernization solutions

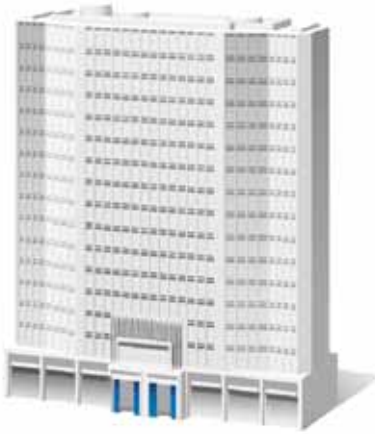
Product	Speed	Load	Floors	Duty range
Electrification				
KONE Resolve™ 500 / 500L	up to 2 m/s	up to 2500 kgs	up to 32	240 starts/hour
Cars				
KONE Refresh™	2.5 - 10 m/s	up to 2500 kgs	up to 26	
Doors				
KONE Renova™ 800				800,000 cycles/year
Geared Hoisting Machines				
KONE MR 17	0.4 - 1.75 m/s	up to 1350 kgs	up to 32	180 starts/hour
KONE MR 26	0.4 - 2 m/s	up to 2000 kgs	up to 32	240 starts/hour
KONE MR 35	0.4 - 2 m/s	up to 2500 kgs	up to 32	240 starts/hour
Signalization				
KONE KDS 300 Flush / Surface mounted				
KONE KDS 50 Surface mounted				

Accessories

Product
KONE InfoScreen Display
KONE E-link™ Remote monitoring
KONE Polaris™ Destination Control System
KONE Access Control
Rescue Device

For more options, customized for your project, please contact your local KONE representative.

▼ Mid-rise



Full replacement solutions

- KONE MiniSpace™
- KONE MiniSpace™ Special
- KONE MonoSpace®
- KONE MonoSpace® Special
- KONE Classic™
- KONE Classic™ Special
- KONE Classic™ Plus

Packages Modernization solutions

- KONE ReGenerate™

Modular Modernization solutions

- Electrification
- Geared Hoisting Machines
- Cars
- Doors
- Signalization

Accessories

- KONE InfoScreen
- KONE E-Link™
- KONE Custom Car operating panel
- KONE Access Control
- Rescue Device Solutions

Full replacement solutions

Product	Speed	Load	Floors	Duty range
KONE MiniSpace™	1 m/s	up to 1000 kgs	up to 20	>400,000 starts/year
KONE MiniSpace™ Special	1-2.5m/s	up to 1800 kgs	up to 32	>400,000 starts/year
KONE MonoSpace®	1 m/s	up to 1000 kgs	up to 20	>400,000 starts/year
KONE MonoSpace® Special	1-2.5m/s	up to 1800 kgs	up to 32	>400,000 starts/year
KONE Classic™	1 m/s	up to 884 kgs	up to 24	>400,000 starts/year
KONE Classic™ Special	1-1.5m/s	up to 1350 kgs	up to 32	>400,000 starts/year
KONE Classic™ Plus	0.6-1m/s	up to 884 kgs	up to 16	>400,000 starts/year

Packages modernization solutions

Product	Speed	Load	Floors	Duty range
KONE ReGenerate™	1-2.5 m/s	up to 1800 kgs	up to 32	>400,000 starts/year

Modular modernization solutions

Product	Speed	Load	Floors	Duty range
Electrification				
KONE ReSolve™ 500/500L	1-1.5m/s	up to 2500 kgs	up to 32	180/240 starts/hour
Geared Hoisting Machines				
KONE MR12	0.4-1 m/s	up to 680 kgs	up to 12	180 starts/hour
KONE MR17	0.4-1.75 m/s	up to 1350 kgs	up to 32	180 starts/hour
KONE MR26	0.4-2 m/s	up to 2000 kgs	up to 32	240 starts/hour
KONE MR35	0.4-2 m/s	up to 2500 kgs	up to 32	240 starts/hour
Cars				
KONE ReFresh™	0.5-2.5m/s	up to 2500 kgs	up to 24	
Doors				
KONE ReNova™ 200				200,000 cycles/year
KONE ReNova™ 800				800,000 cycles/year
Signalization				
KONE KDS 300 Flush / Surface mounted				
KONE KDS 50 Surface mounted				

Accessories

Product
KONE InfoScreen Display
KONE E-Link™ Remote Monitoring
KONE Custom Car Operating panel
KONE Access Control
Rescue Device

▼ Low-rise

Full Replacement solutions

- KONE MiniSpace™
- KONE MonoSpace®
- KONE Classic™
- KONE Classic™ Plus
- KONE Swift ADV
- KONE Swift MDV

Accessories

- KONE InfoScreen
- KONE Access Control
- Rescue Device Solutions



Modular modernization solutions

- Electrification
- Geared Hoisting Machines
- Cars
- Doors
- Signalization

Full replacement solutions

Product	Speed	Load	Floors	Duty range
KONE MiniSpace™	1 m/s	up to 1000 kgs	up to 20	>400,000 starts/year
KONE MonoSpace®	1 m/s	up to 1000 kgs	up to 20	>400,000 starts/year
KONE Classic™	1 m/s	up to 884 kgs	up to 24	>400,000 starts/year
KONE Classic™ Plus	0.6.1m/s	up to 884 kgs	up to 16	>400,000 starts/year
KONE Swift ADV	0.6 m/s	up to 680 kgs	up to 14	up to 400,000 starts/year
KONE Swift MDV	0.6 m/s	up to 680 kgs	up to 12	up to 200,000 starts/year

Modular modernization solutions

Product	Speed	Load	Floors	Duty range
Electrification				
V3FMODPack	0.6m/s	up to 480 kgs	up to 32	
KONE ReSolve™ 500/500L	1-1.5m/s	up to 2500 kgs	up to 32	180/240 starts/hour
Geared Hoisting Machines				
KONE MR12	0.4-1 m/s	up to 680 kgs	up to 12	180 starts/hour
KONE MR17	0.4-1.78 m/s	up to 1000 kgs	up to 24	180 starts/hour
Cars				
KONE ReFresh™	0.5-1 m/s	up to 1000 kgs	up to 16	
Doors				
KONE ReNova™ IFG/IFG				200,000 cycles/year
KONE ReNova™ IFG/SWING				200,000 cycles/year
KONE ReNova™ 200				200,000 cycles/year
Signalization				
KONE KDS 300 Flush / Surface mounted				
KONE KDS 50 Surface mounted				

Accessories

Product
KONE InfoScreen Display
KONE Access Control
Rescue Device

For more options, customized for your project, please contact your local KONE representative.

▼ Other solutions



Planning and analysis

- KONE Care for Life™
- Planning guides

Installation

- Modernization Overlay

Other support services

- Design tools
- Technical planning tools





KONE EcoMod™

Modernization solutions for escalators

Escalator modernization in large public transit centers like airports, railway stations, hospitals and malls are a great challenge as these places cannot be shut down. KONE EcoMod™ is an advanced solution that completes the installation quickly and efficiently, with no structural changes to the building.

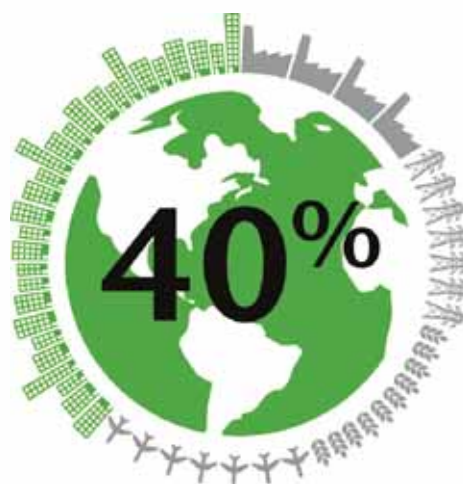
An award for escalator modernization

KONE specializes in the modernization of vertical travel solutions at heritage sites and prestigious landmarks. For its modernization project of 12 escalators at the Morgan Post Office in New York City, KONE was awarded the 'Project of the Year 2008'.



Energy saved is energy generated

Buildings consume about 40% of the world's generated energy and elevators account for nearly 10% of that energy.



2-10%

Elevators and escalators contribute to between 2-10% of this.

70%

Our new elevators offer over 70% reduction in energy consumption compared to 2008 elevators.

The potential for energy savings vastly increases when an elevator is modernized with more efficient equipment. Modernization not only improves ride comfort and reliability but also significantly reduces a building's carbon footprint and electricity costs.

- The KONE EcoDisc® motor reduces the energy consumption of an old elevator by as much as 70%.
- KONE V³F Variable Voltage Variable Frequency Drive Systems cut energy consumption by 40%.
- Up to 30% of the energy used by an elevator can be recovered through KONE regenerative solutions.
- LED lights last up to 10 times longer than halogen lights and can reduce energy consumption by 80%.
- Signalization dimming when elevator is idle, switching light and ventilation to standby mode cuts energy consumption of KONE solutions considerably.



Maximizing the car carrying capacity

As an industry first, KONE's Modernization solutions increase the car carrying capacity without any alteration to the existing shaft. KONE has executed a number of projects all over India where the car load has been increased in the same shaft to better handle the ever increasing traffic of the buildings.



For buildings that don't have an elevator

KONE also offers solutions for existing buildings that do not have an elevator. Requiring a shaft 33% smaller than conventional elevators, the compact solution can be installed in the stairwell or attached to an outer wall making the building more attractive and increasing its value.

A pat on the back for the KONE Team

KONE India continues to win accolades from customers for on time completion of Modernization projects, that too without disturbing the everyday people movement within their buildings. The KONE Team was appreciated by the officials of Directorate General of Lighthouses and Lightships, Ministry of Shipping, Government of India for completing the Madras Lighthouse Modernization project within 28 days, 15 days ahead of the agreed schedule.

Major Modernization Projects 2013



Hyderabad House, New Delhi

A major venue for Government events participated by foreign dignitaries

- Full Replacement Solution of the VVIP elevator
- Car capacity increased from 10 persons to 13 persons
- Energy saving KONE V3F Drive
- SS Vandal proof car body and door
- KDS 300 signalization with Dot matrix indicator



Madras Light House, Chennai

The only light house in India to have an elevator

- Full Replacement Solution with KONE MiniSpace™ gearless machine
- Speed increased from 1 mps to 1.5 mps
- Carries nearly 5000 people per day
- Emergency Rescue Device and intercom for public safety
- Fitted with Lift Announcement System



Indian Oil Bhavan, Kolkata

Regional Head Quarters of Indian Oil Corporation Ltd.

- Full Replacement Solution with 4 KONE MiniSpace™ gearless machines
- Speed increased from 1.5 mps to 1.8 mps
- Energy saving Regenerative features
- SS car with hall lantern indicator
- Fitted with Lift Announcement System and Emergency Rescue Device
- Braille buttons for visually impaired



Raheja Center, Mumbai

Prestigious commercial center at Nariman Point housing prominent institutions

- Full Replacement Solution with 4 KONE MiniSpace™ gearless machines
- Speed increased from 1.5 mps to 2 mps
- Car capacity increased from 13 persons to 15 persons
- Digital Display System at the lobby to reduce waiting time
- "AA" class category ride comfort

Surpassing 100 years of vertical travel

KONE's vision is to deliver the best People Flow™ experience by developing and delivering solutions that enable people to move smoothly, safely, comfortably and without waiting in buildings in an increasingly urbanizing environment.

A 100 year company, KONE has introduced a number of breakthrough technologies & industry defining products through consistent innovation and R&D capabilities. It is an established market leader in the elevator & escalator industry globally.

KONE Elevator India is a wholly owned subsidiary of the KONE Corporation, with its global manufacturing hub and Head Office located in Chennai. It has more than 3,000 employees, a majority of them out there on the field at any given time.

KONE Elevator India is at the forefront of the Elevator & Escalator industry in the country, providing systems, solutions and services that are highly acclaimed for safety, performance and eco-efficiency. Understanding local trends and demands that could only be uniquely Indian, KONE enriches the end user's ride experience by thoroughly integrating design & technology.

Major innovations that defined the Industry

- The first company to utilize regenerative drives in its elevators.
- KONE MonoSpace®, the world's first machine-room-less elevator. Provides up to 70% energy savings compared to conventional technology.
- The first company to include LED lighting as a standard feature.
- The KONE InnoTrack™ autowalk, with the world's first energy efficient gearless drive.

KONE UltraRope™
Taking buildings to heights of 1km



KONE Polaris DCS™
Efficient handling of peak traffic



One of the 7 R&D technology centers of the KONE Corporation is in India.



The only elevator and escalator company to make it to the Top 50 of the Forbes List thrice in a row 2011, 2012 & 2013



KONE UltraRope™
-the new breakthrough invention

KONE provides innovative and eco-efficient solutions for elevators, 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 modernization. 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®, KONE EcoMod™ and KONE UltraRope®.

KONE employs on average 50,000 dedicated experts to serve you globally and locally.

KONE India, with a nation-wide network and about 4,000 employees, is committed to its customers for the entire life cycle of its each and every product.

KONE Elevator India Private Limited

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