



RENOVATE YOUR
EMERGENCY
LIGHTING

SAFE FOR THE FUTURE

EMERGENCY LIGHTING RENOVATION

TAKE CARE OF OUR PLANET



Reduce your **energy consumption** and lower your **environmental impact** by renovating your (emergency) lighting installation. Depending on the type of luminaires you have, you can **replace** or **refurbish** them.

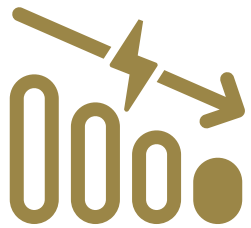
This way, you are prepared for the planned **phasing out of fluorescent lamps** as of September **2023**. At the same time, you avoid the use of new raw materials and support us in using **recycled raw materials** as much as possible.



EMERGENCY LIGHTING RENOVATION

PLENTY OF ADVANTAGES

ETAP tomorrow's light



ENERGY SAVING

By switching to
LED technology.



SMOOTH INTEGRATION

No aesthetic
changes.



WORRY FREE

No more lamp
replacements.



ECOLOGICAL SOLUTION

Less waste.
Long lifetime battery.



WIRELESS CENTRAL CONTROL

No new wiring
required.

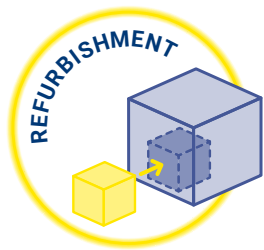


5 YEARS WARRANTY

On battery, light source
& electronics.

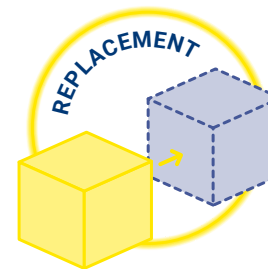
EMERGENCY LIGHTING RENOVATION

TWO WAYS TO RENOVATE

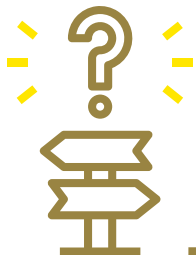


Refurbishment modules allow to upgrade your old luminaires from fluorescent lamps to LED **in a circular & instant way**.

The original housing & wiring is reused. The interior is new, with long-life batteries, new electronics and a LED light source.



Replacement kits allow to install new emergency lighting in the position of the old luminaires. The holes in the ceiling or the traces on the wall are completely covered. No painting needed.

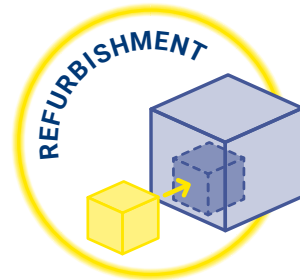


How can I update my emergency lighting?

» Check the overview on slide 11

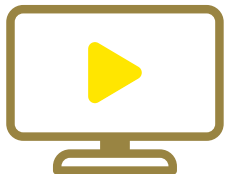
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REFURBISHMENT



Replace the batteries and light source of your old luminaire, but keep the housing.

From old to new in 4 easy steps:



See how it's done: <https://youtu.be/OrDweNC8Q1g> (K1-K2 refurbishment)

EMERGENCY LIGHTING RENOVATION

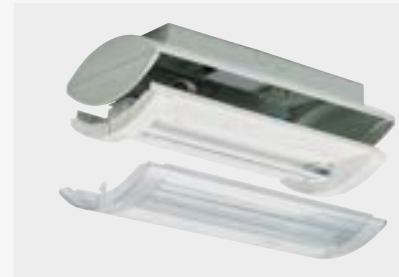
EXAMPLES OF REFURBISHMENT

OLD (FLUO)

NEW (LED)



K1



K1



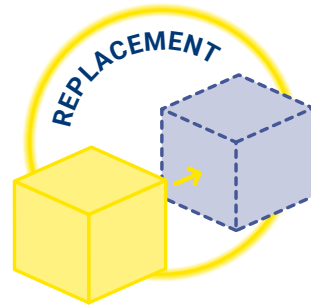
K3



K3





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REPLACEMENT



Replace the old luminaire, without changes to the ceiling or the connection.

From old to new in 4 easy steps:

1	2	3	4
Open old luminaire and disconnect	Remove housing	Install the renovation module	Snap in the new luminaire
			



See how it's done: <https://youtu.be/p3AooiM0lcE> (K5 replacement)

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EXAMPLES OF REPLACEMENT

OLD (FLUO)



K5



NEW (LED)



K9



K8

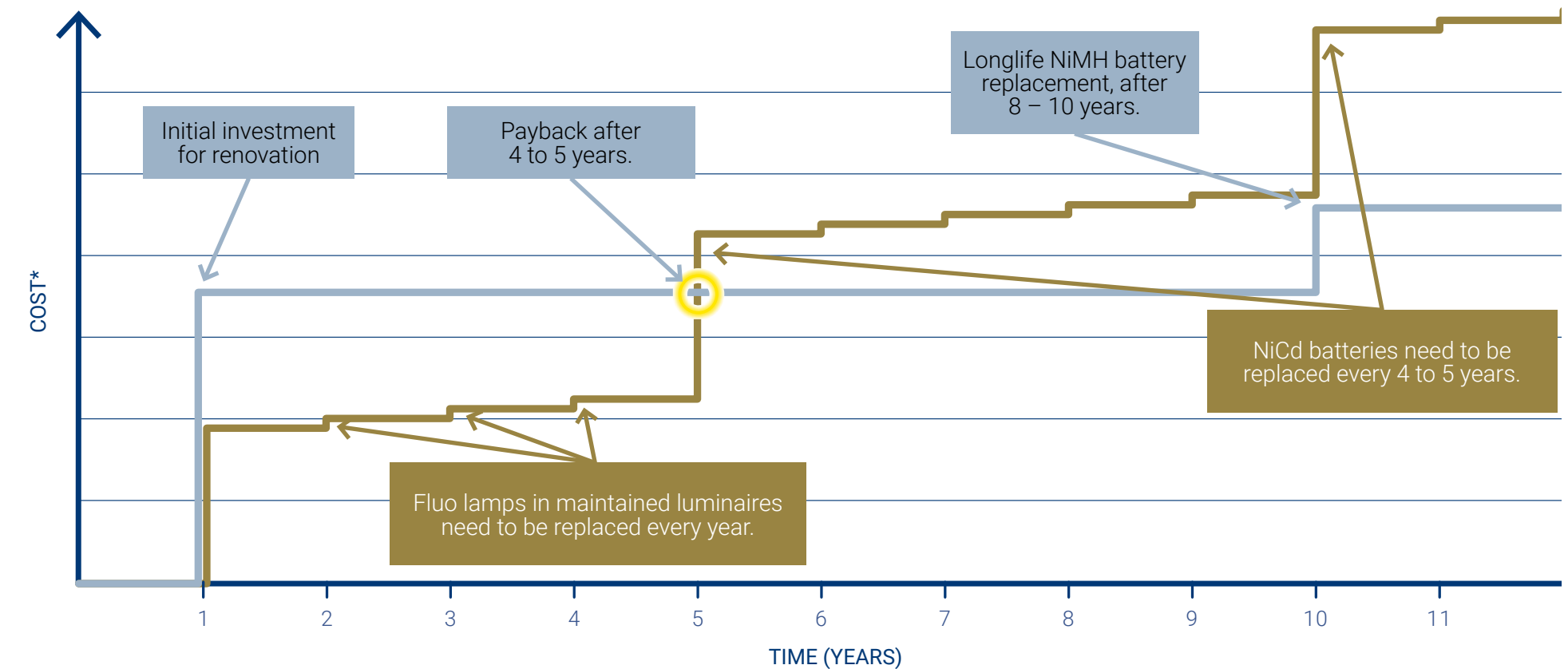


K1

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PAYBACK PERIOD

What is the payback period of a lighting renovation?



— renovation
— no renovation

Refurbishment modules have a typical payback period of 4 to 5 years.

* Cost and payback depend on the type of luminaires you have.

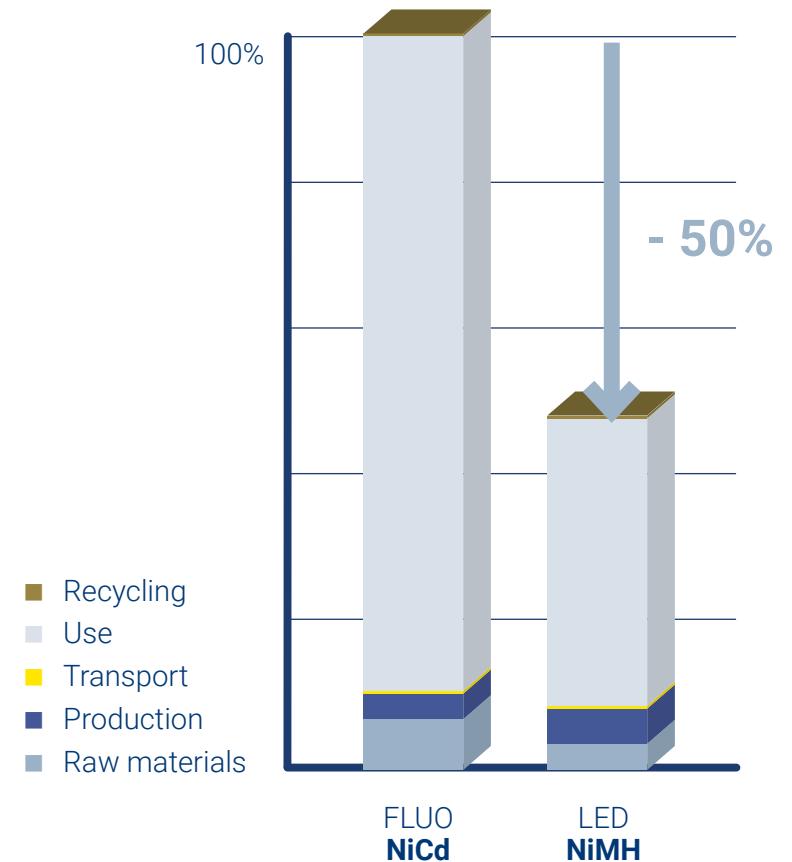
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ALL BATTERIES ARE NOT ALIKE

Old fluorescent luminaires are usually designed for NiCd (Nickel Cadmium) battery. If you switch to LED, you also benefit from the advantages of a NiMH (Nickel Metal Hydrid) battery:

	NiCd	Longlife NiMH
		
Battery lifetime	4 – 5 year	8 – 10 year
Energy use	20 kWh / yr	7.7 kWh / yr
Toxic materials	Cadmium (forbidden by RoHS)	None
Energy density	60 Wh/kg	85 Wh/kg

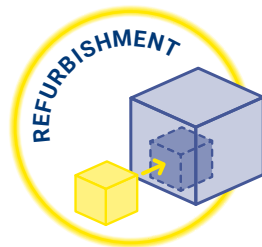
ETAP thoroughly tests and strictly uses high quality batteries (5 years warranty).



Relative environmental impact of NiCd versus NiMH batteries, using the example of non-maintained luminaires with LED light source.

EMERGENCY LIGHTING RENOVATION

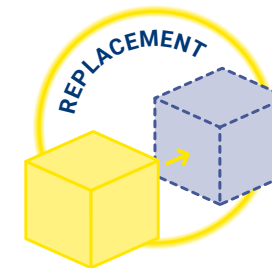
A SOLUTION FOR EVERY TYPE OF LUMINAIRE



K1 (2000-2020)	K2 (2000-2020)	K3	K5	K8
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lighting	✓	✓	✓	✓ *	✓
signage	✓	✓	✓		✓ **



K1 (1980-2000)	K2 (1990-1995)	K3	K5	K8
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lighting	✓	✓		✓	
signage		✓		✓	

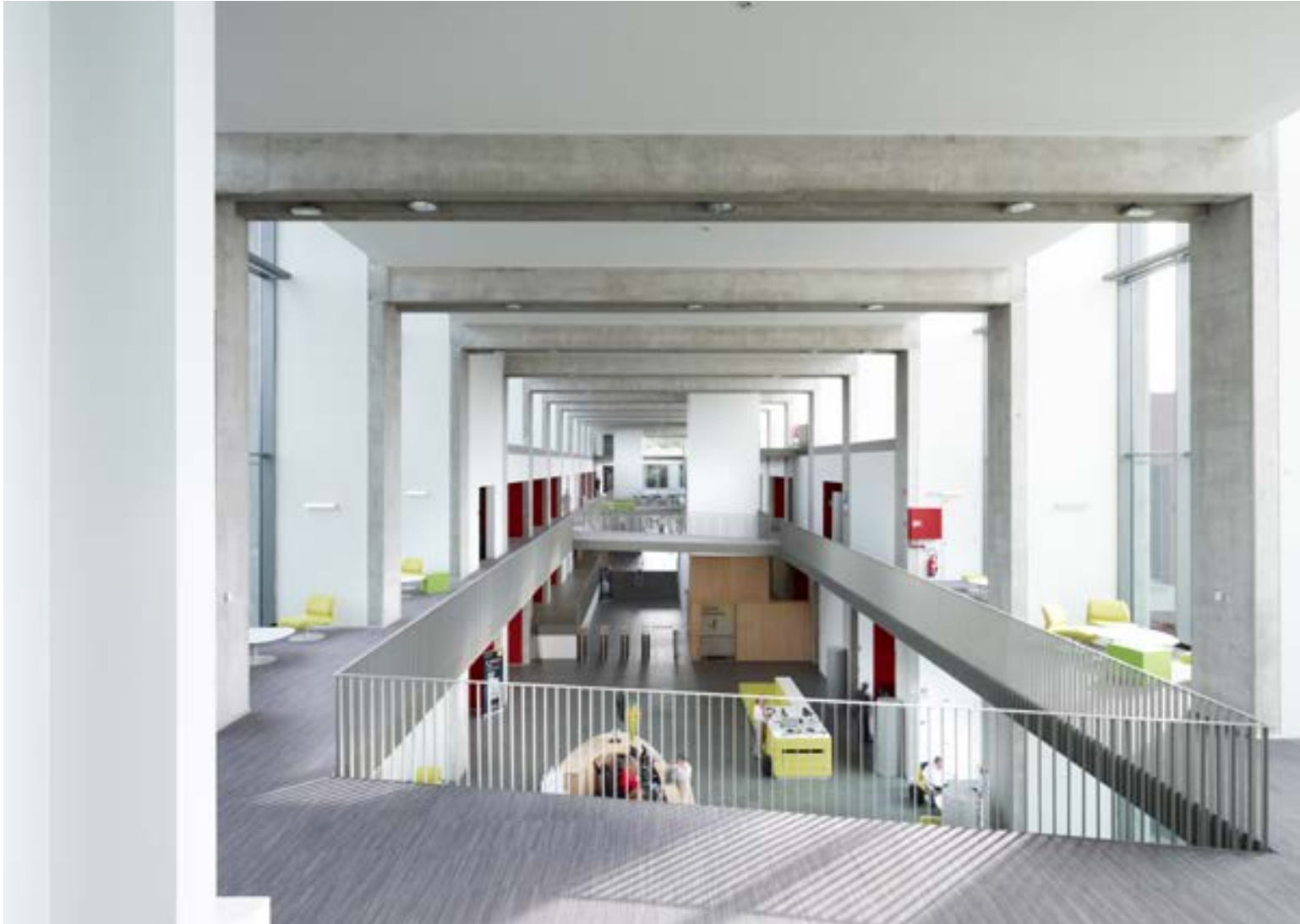
* not for all versions/generations
 ** not for double sided signage



Your luminaire doesn't appear in the table?
Contact us for a tailored solution.

EMERGENCY LIGHTING RENOVATION

TO GIVE YOU AN EXAMPLE...



Refurbishment at Telenet Mechelen

By refurbishing all K1 emergency lighting to LED, Telenet was able to connect all luminaires – that originally were not compatible with a central control system – to the ETAP Safety Manager. And of course, no more lamp replacements!

EMERGENCY LIGHTING RENOVATION

WORRY-FREE MAINTENANCE WITH ESM WIRELESS



While you upgrade your emergency lighting, seize the opportunity to implement a monitoring system without having to add or change any wiring.

ESM Wireless :



keeps a logbook (in accordance with EN50172)



allows for preventive maintenance



gives installation status in one overview



sends automated emails when maintenance is required



can be extended with wired and wireless luminaires



TOMORROW'S LIGHT

ENDLESS. EFFORTLESS. WASTELESS.



In a world facing severe challenges like global climate change and depletion of natural resources, ETAP's goal is to create tomorrow's light: **endless, effortless** and **wasteless**. We aim at helping our customers to reduce their carbon emissions and environmental footprint by providing long lasting energy-efficient lighting solutions with minimal use of virgin natural resources that are easy to maintain and refurbish.

As an active member of The Shift, ETAP has committed itself to achieving a CO2 reduction of 55% by 2025. Following the Science Based Target Initiative, our target is set with the goal to limit and eventually curb the global temperature rise and contribute to a zero-carbon economy.



Tap into tomorrow's light



EMERGENCY LIGHTING RENOVATION



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