



Gert Roeckx
CEO Signify Belux

More than 133 years of innovation...

Philips & Co



PHILIPS

**PHILIPS
RADIO**



1891

1897

1910

1915

1920



PHILIPS



PHILIPS
Let's make things better

1922

1923

1925

1934

1938

1968

1995

PHILIPS
sense and simplicity

PHILIPS



PHILIPS Lighting

signify

2004

2008

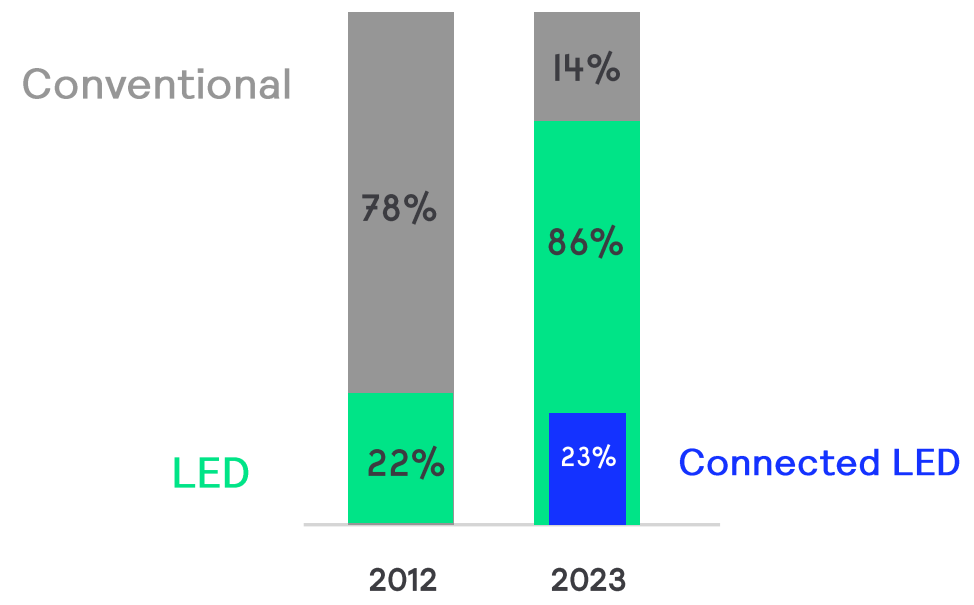
2013

2016

2018

Transitioned successfully to an LED-based company

Transition from conventional to LED-based sales (in % of total sales)



Philips LED A-class bulb



PEOPLE



PROFIT



PLANET

A woman with long, light-colored hair is shown in profile, looking towards the right. She is wearing a light-colored, patterned top. The background is a bright sunset or sunrise over a field of tall grass, with trees visible in the distance. The sun is low on the horizon, creating a strong lens flare and illuminating the scene with a warm, golden light. The overall mood is peaceful and contemplative.

PEOPLE – WELL
BEING



NatureConnect

by @signify



Nature
Connect







PEOPLE



PROFIT



PLANET



PROFIT

Energy
crisis



LED





—
85%
Minder
energieverbruik



Conventionele lamp GLS

40 Watt
10 lumen/Watt
410 lumen
1.000 uur

LED-lamp

5.5 Watt
85 lumen/Watt
470 lumen
15.000 uur



—
60%
Minder
energieverbruik



Conventionele lamp GLS

40 Watt
10 lumen/Watt
410 lumen
1.000 uur

LED-lamp

5.5 Watt
85 lumen/Watt
470 lumen
15.000 uur

Ultra efficiënte LED lamp

2.3 Watt
210 lumen/Watt
485 lumen
50.000 uur



20€/year

Conventionele lamp GLS

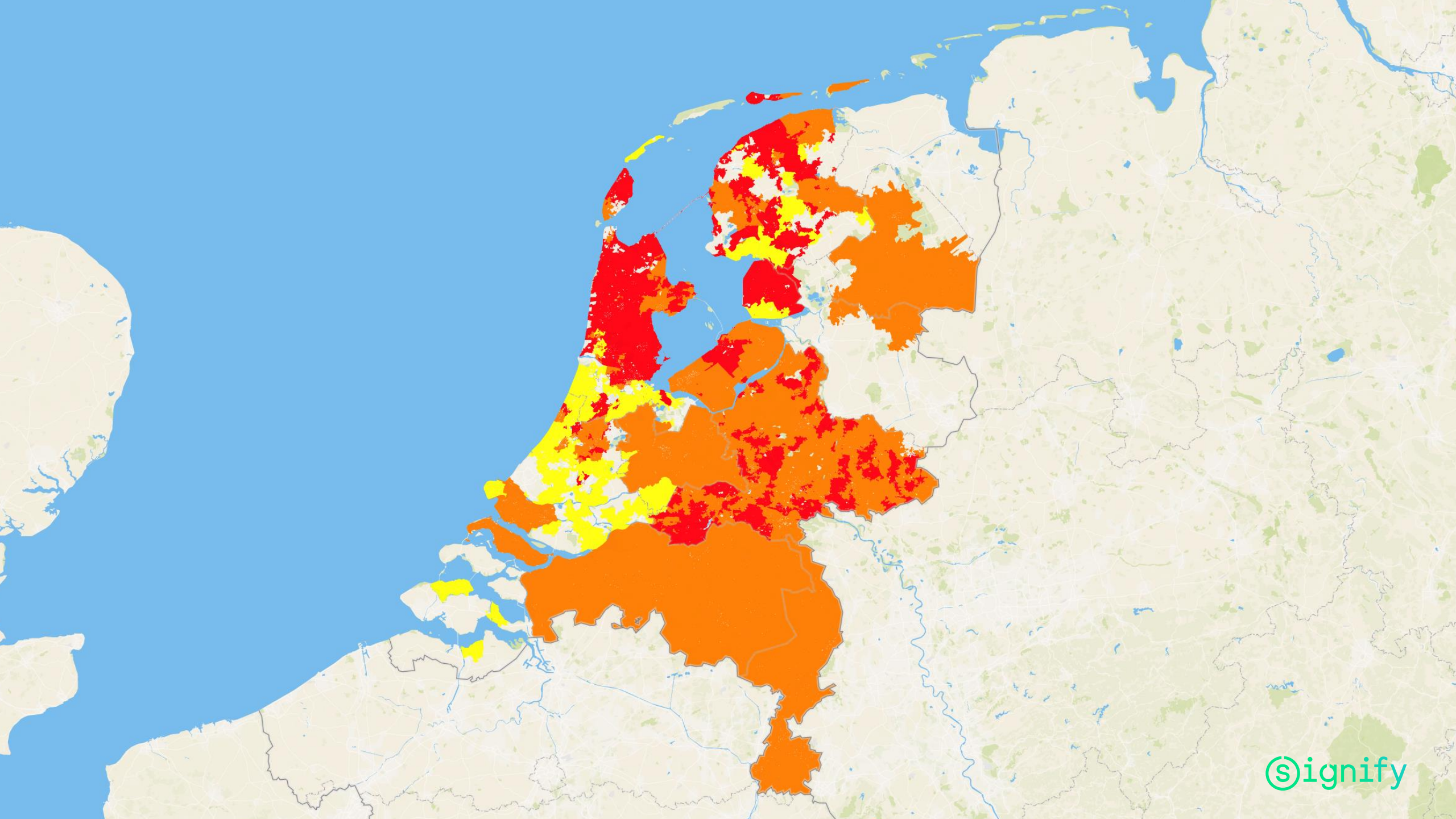
40 Watt
10 lumen/Watt
410 lumen
1.000 uur

LED-lamp

5.5 Watt
85 lumen/Watt
470 lumen
15.000 uur

Ultra efficiënte LED lamp

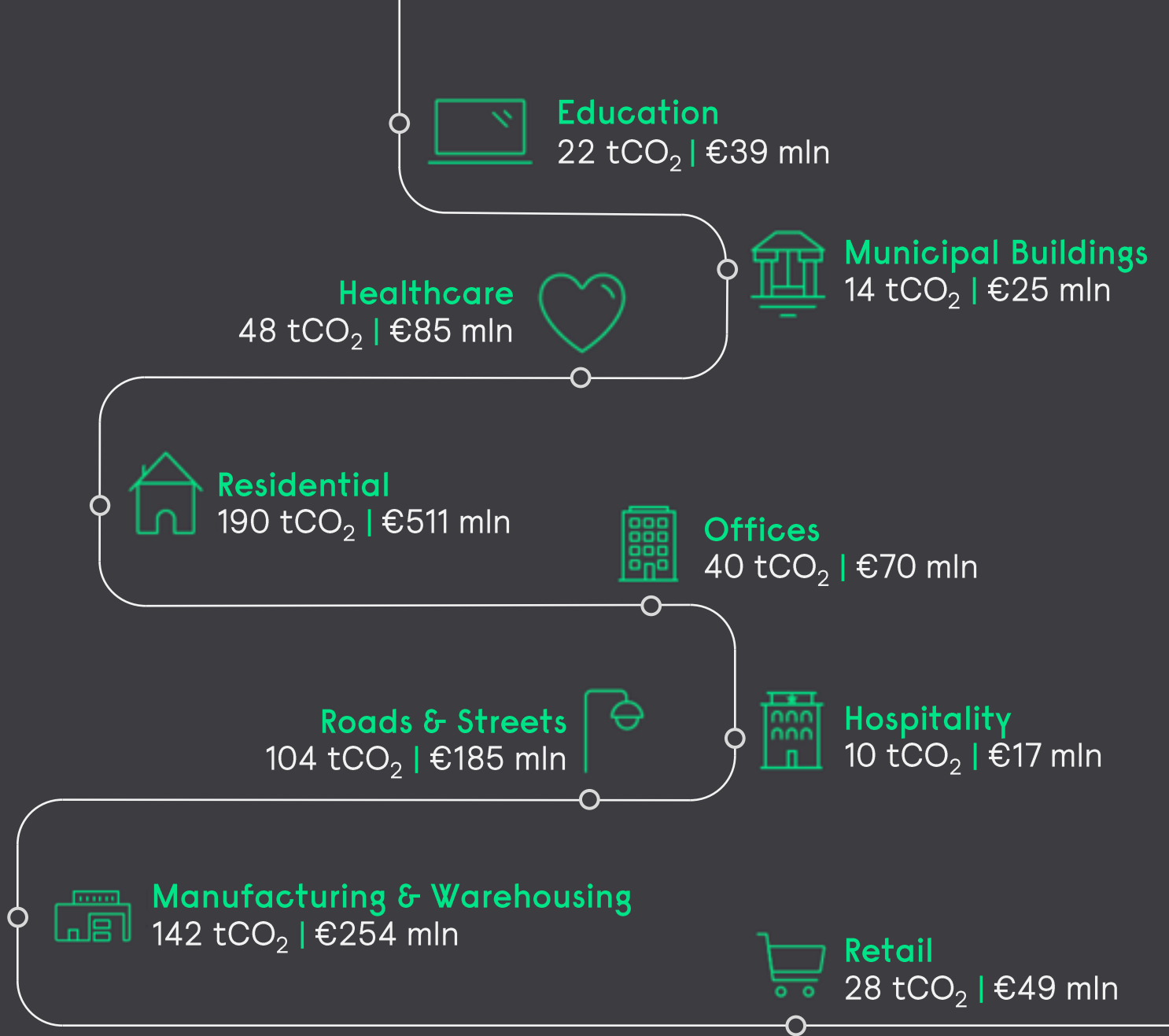
2.3 Watt
210 lumen/Watt
485 lumen
50.000 uur





Lighting is the quickest path to greener and smarter world

Switching all of the light points in **Belgium** to LED, could annually reduce emission by **700 tonnes of CO₂**, saving **€1,4 million** in energy costs



Thousands separator is . - Decimal separator is ,

The diagram represents a selection of light points' applications in the EU27 countries. Data presented here is a simulation within the framework of the Europe Green Switch conventional light point conversion model, which is a program run by Signify to help its customers accelerate the switch to energy-efficient lighting products, systems and services. All figures and data presented here are illustrative and based on forecasts and assumptions.

Price of Electricity Corporations (€/kWh) = 0,297, Price of Electricity Households (€/kWh) = 0,449



PEOPLE



PROFIT



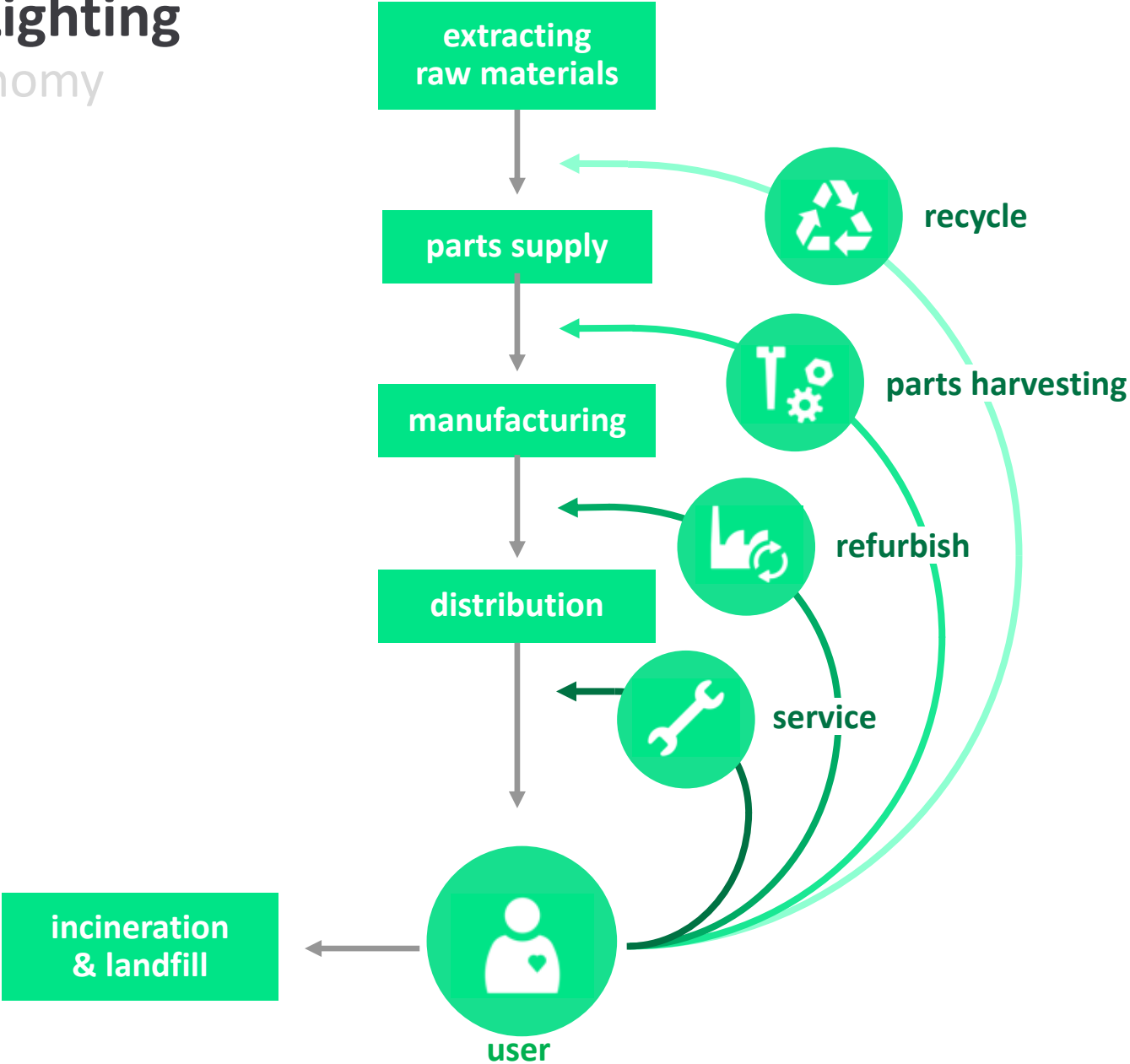
PLANET



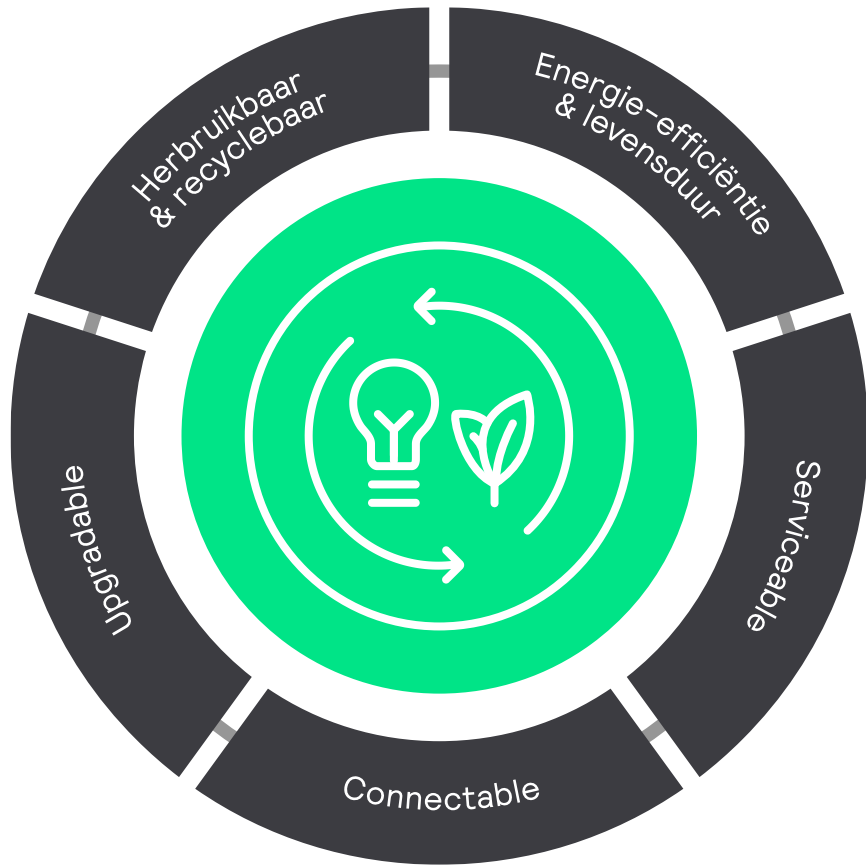
PLANET

Our way to Circular Lighting

Design for a circular economy



5 criteria for Circular Lighting



Energy Efficiency & Lifespan: In lighting, energy consumption accounts for more than 90% of the total lifecycle carbon footprint, along with expected lifespan, is the most important lever

Serviceable: is the ability to extend the technical and economic life of the product

Connectable: Luminaires with a sensor or data connection can be connected to a system outside the luminaire.

Upgradable: Lifetime extension through performance upgrades and extended functionality

Reusable & recyclable: Luminaires and components can be reused; materials are recovered with minimal waste



31



3
Using waste
to create
products

The image shows two modern pendant lights hanging from a ceiling. The lights have a bulbous, rounded shape with a color gradient from teal at the top to yellow at the bottom. They are suspended by thin white cords. The background is a wall with vertical wood paneling. In the bottom right corner, the back of a light-colored chair is partially visible.

Waste to
Wonder



PEOPLE



PROFIT



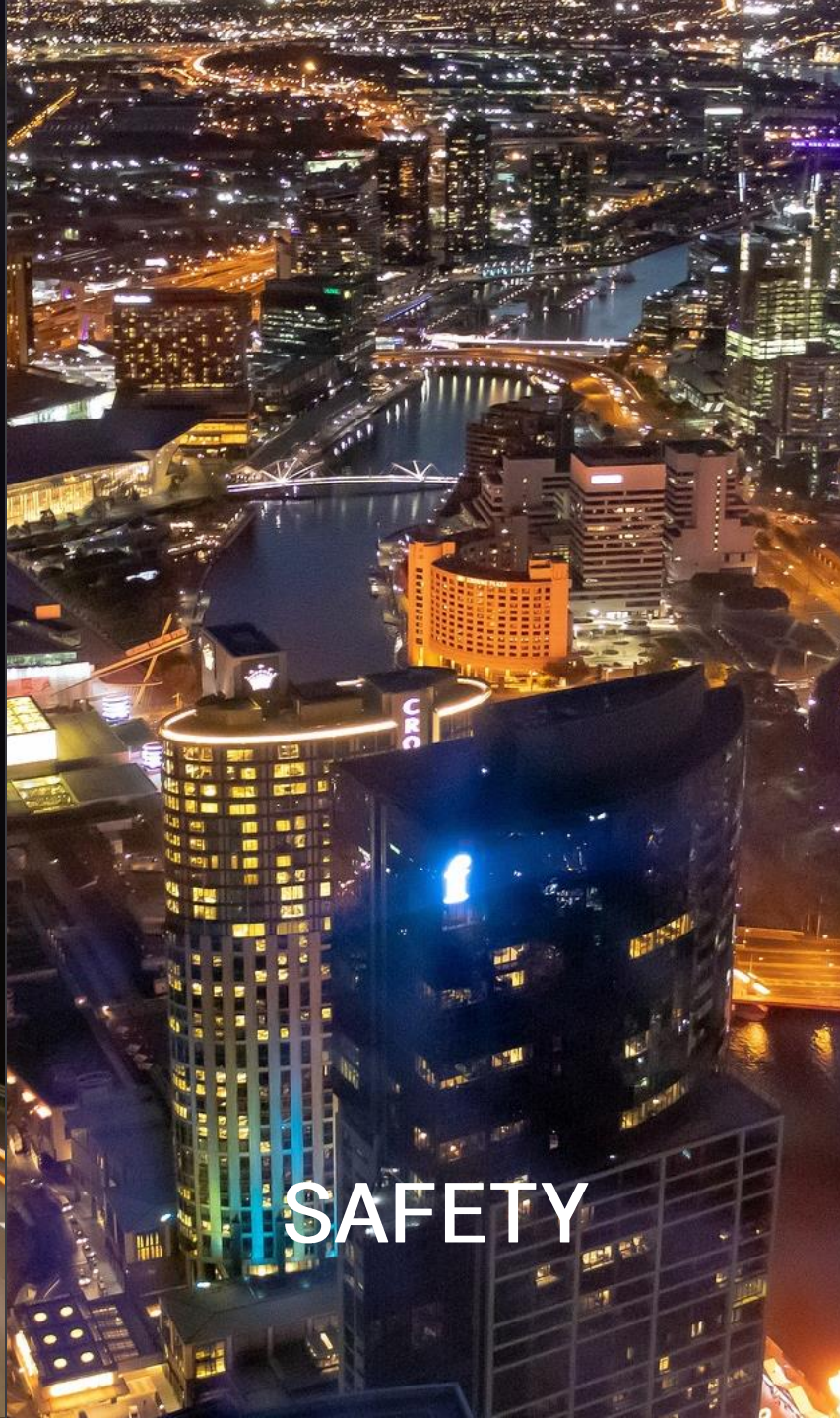
PLANET

A hand is shown from the bottom, holding a glowing lightbulb. The lightbulb is filled with a complex circuit pattern in shades of blue and white. The background is a blurred blue-toned image of a person, overlaid with a network of glowing blue nodes connected by thin white lines, representing a smart lighting or IoT network.

Connected
lighting



LIGHT
AS A SERVICE



SAFETY



BEYOND
ILLUMINATION



LIGHT
AS A SERVICE



LIGHT
AS A SERVICE



SAFETY



BEYOND
ILLUMINATION



SMART
CITY



HUE

Document Name



LIGHT
AS A SERVICE



SAFETY



BEYOND
ILLUMINATION



HORTI
CULTURE



LIFI

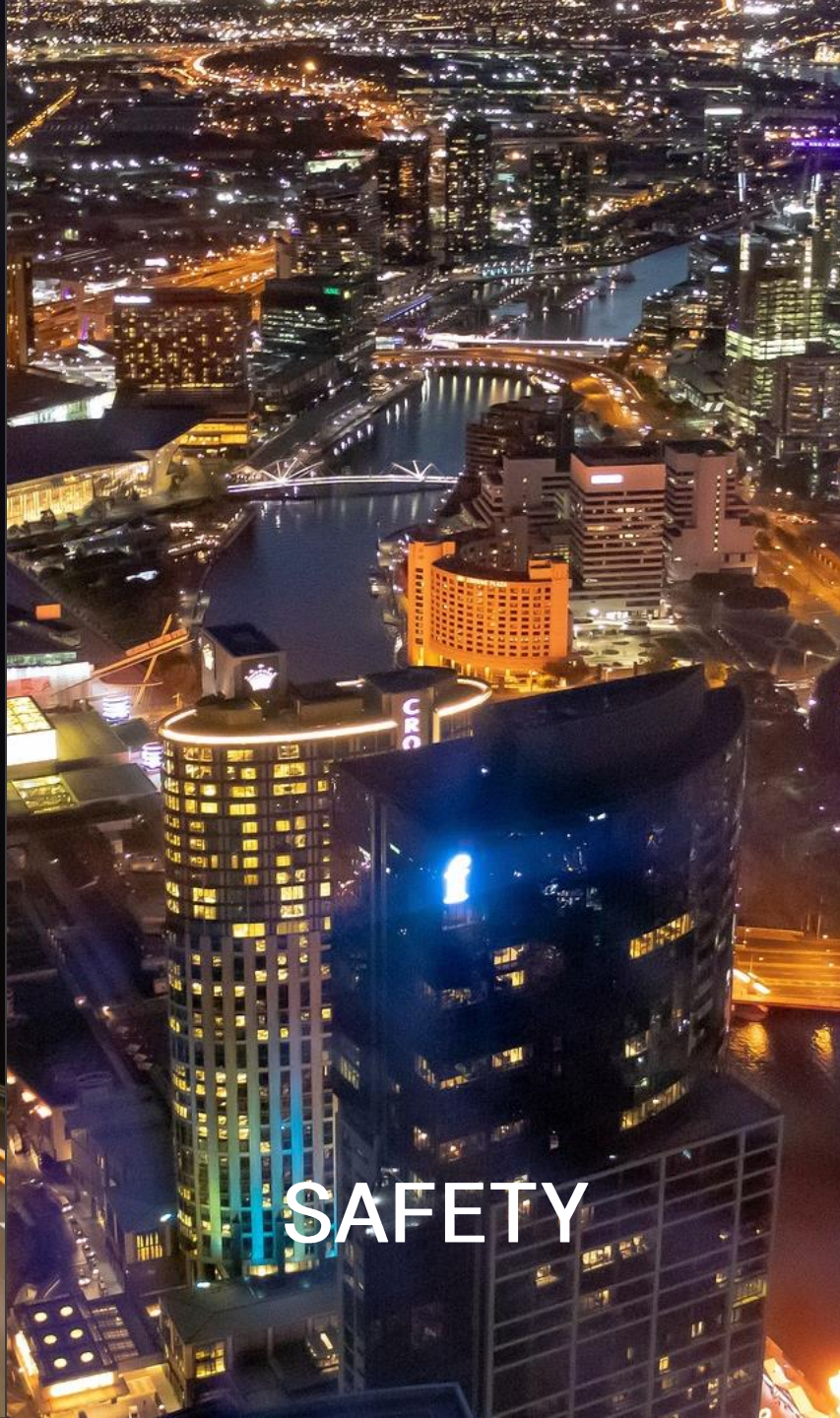


A hand holding a white smartphone in a grocery store aisle. The phone screen shows a map application with a red location pin and a list of items. The background is a blurred aisle of shelves filled with various products.

INDOOR
POSITIONING



LIGHT
AS A SERVICE



SAFETY



BEYOND
ILLUMINATION

A hand is shown from the bottom, reaching up to hold a glowing lightbulb. The lightbulb is illuminated, casting a warm glow on the hand and the background. The background is dark, making the lightbulb and the hand stand out.

Light can contribute to a
greener & smarter world

What is the value of smart lighting for your city?

Select the topics that matter the most



Remote light control



Flexibility



The right light



Respect night time



Ambiance setting



Increase alertness



Maintain safety



Adapt to context



Monitor & optimize



Data management



Scalability



Energy optimization



Realtime metering



Billing analytics



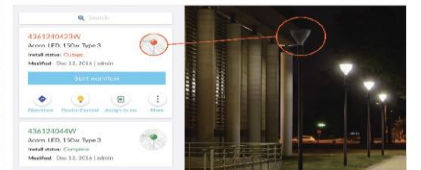
Maintenance efficiency



Operational excellence



Remote commissioning



Fault notifications



Workflow management



Presence sensing



Air quality measurement



Noise detection



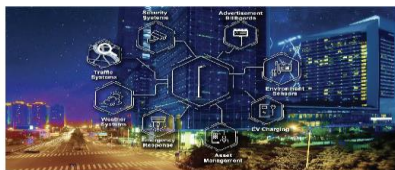
Temperature sensing



Impact detection



Smart parking



Interoperability



Digital twin



Broadband connectivity

