NETWERKMOMENT
voor Kortenbergse Ondernemers
Gert Roeckx
CEO Signify Belux

More than 133 years of innovation…

1891 1897 1910 1915 1920

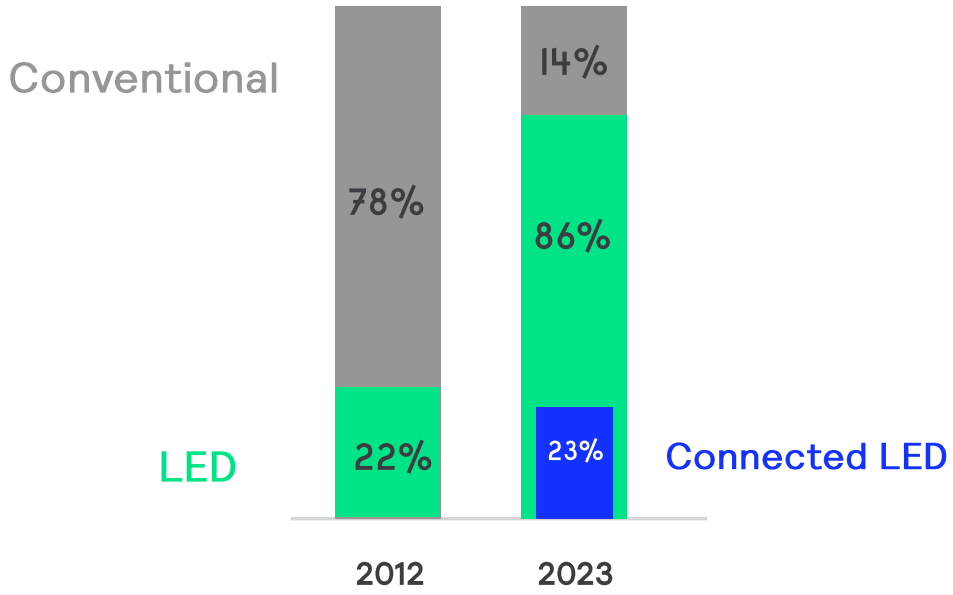
1922 1923 1925 1934 1938 1968 1995

2004 2008 2013 2016 2018

signify

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

PEOPLE – WELL
BEING

NatureConnect

by Signify

Nature
Connect

PEOPLE
PROFIT
PLANET

PROFIT

Energy
crisis

LED
signify

– 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

signify

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

Ultra efficiënte LED lamp

2.3 Watt
210 lumen/Watt
485 lumen
50.000 uur

signify

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

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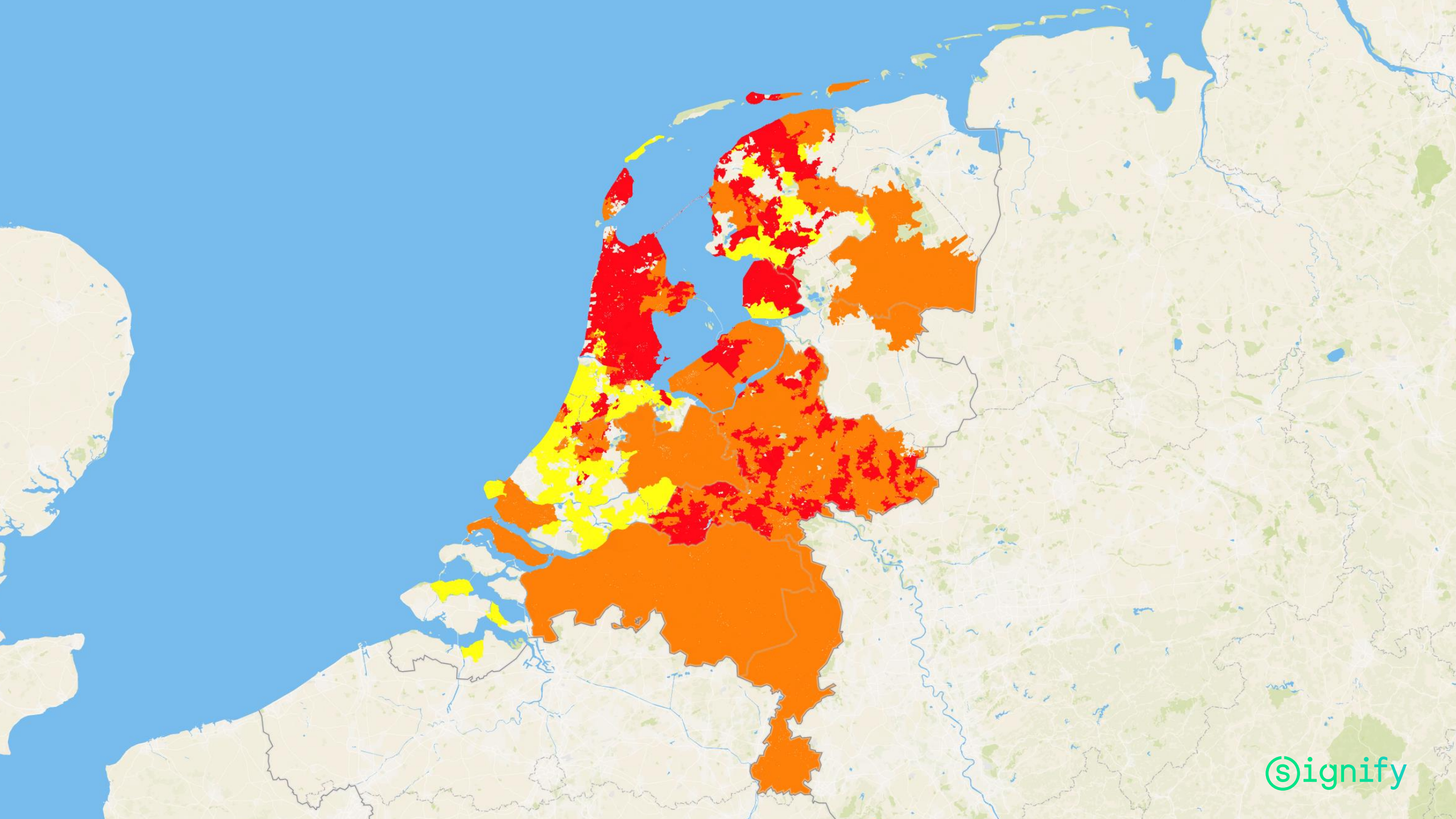
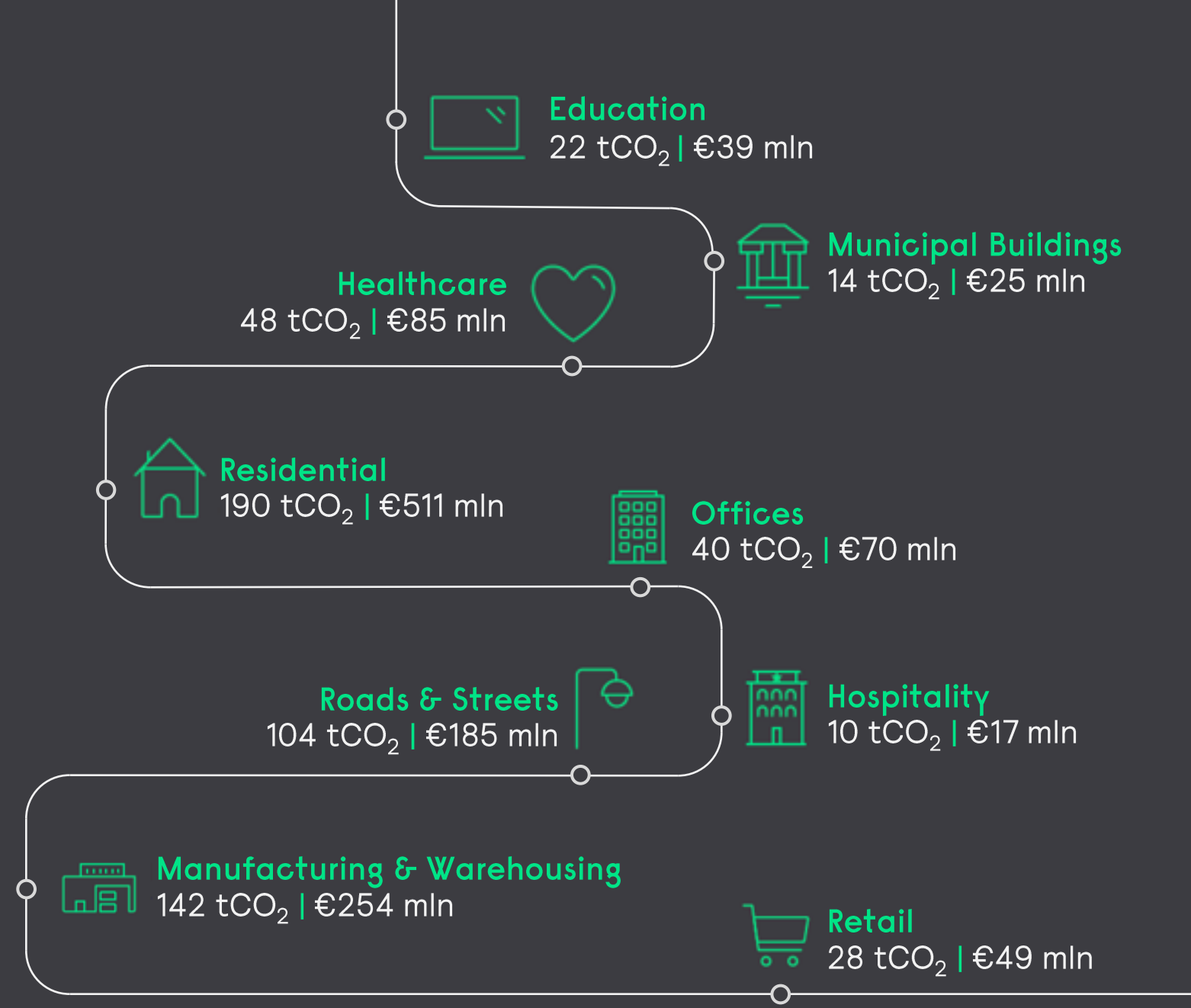

Signify

Signify

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.

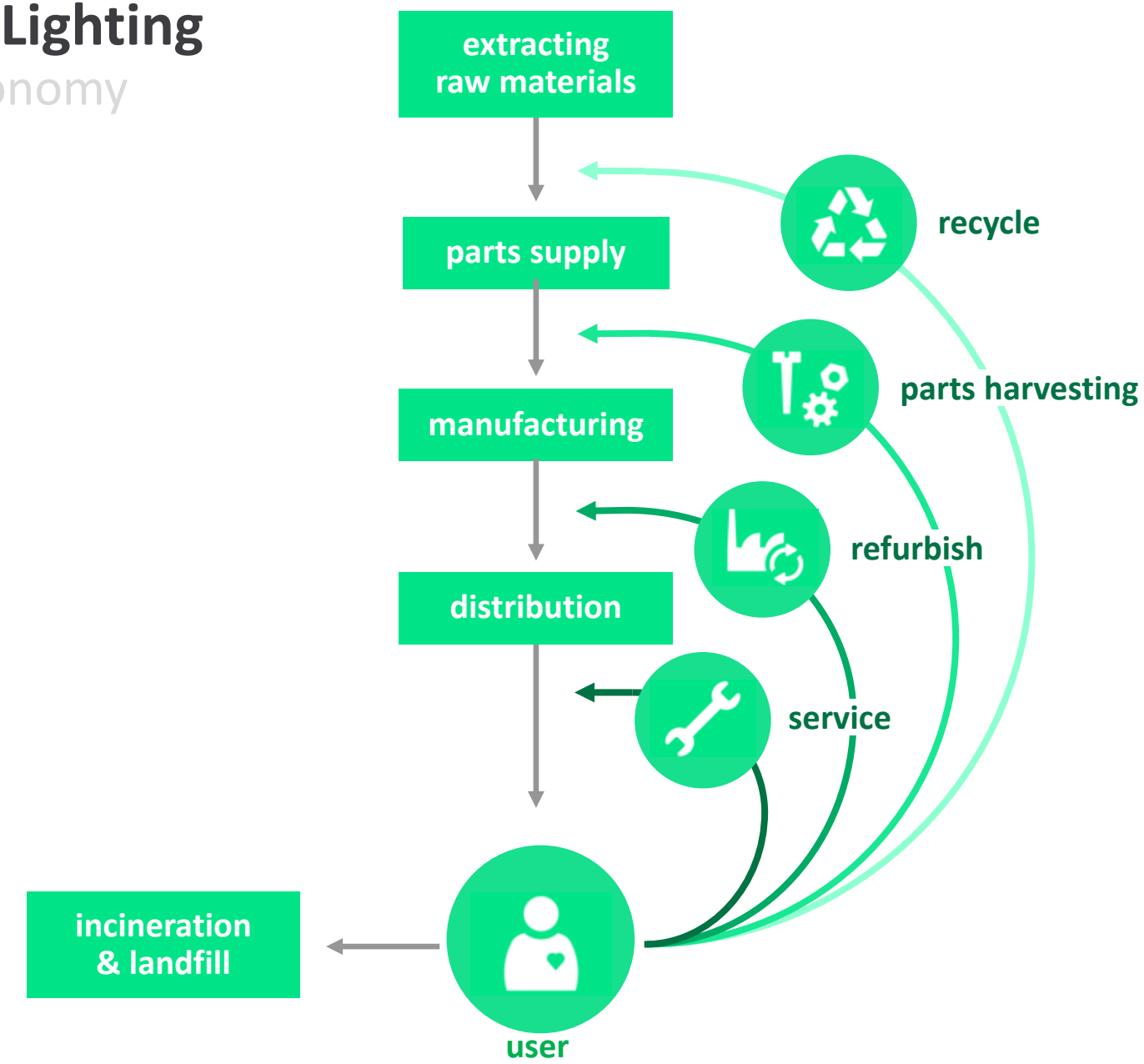
Price of Electricity Corporations (€/kWh) = 0,297, Price of Electricity Households (€/kWh) = 0,449

PEOPLE
PROFIT
PLANET

PLANET

Our way to Circular Lighting

Design for a circular economy



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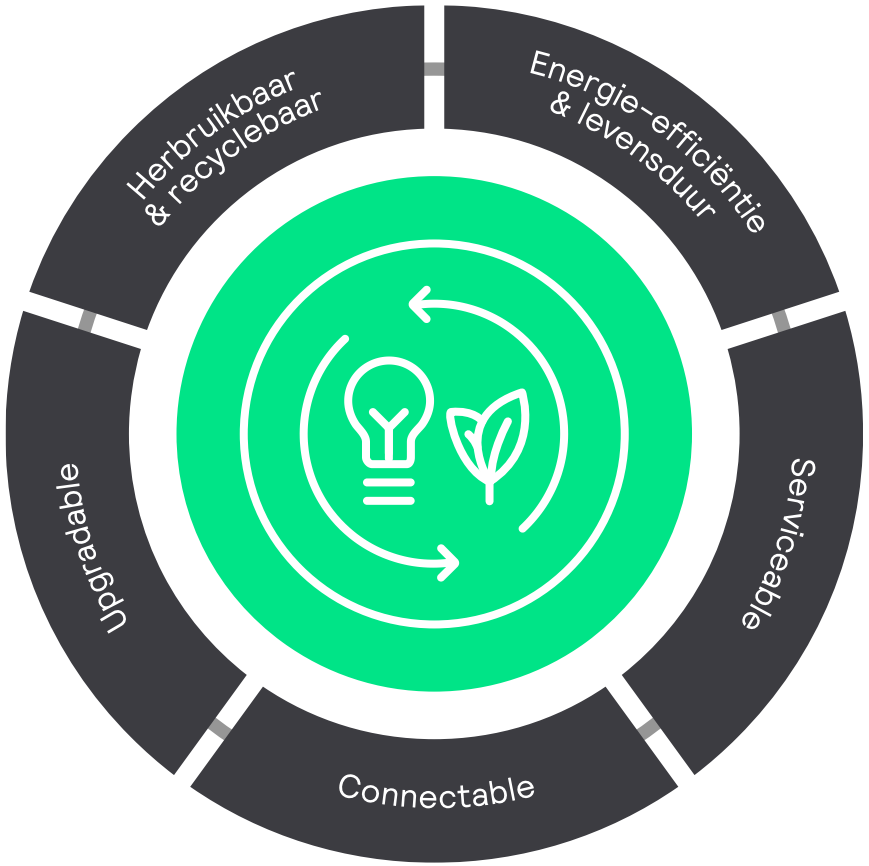
5 criteria for Circular Lighting



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

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3 Using waste to create products

Waste to
Wonder

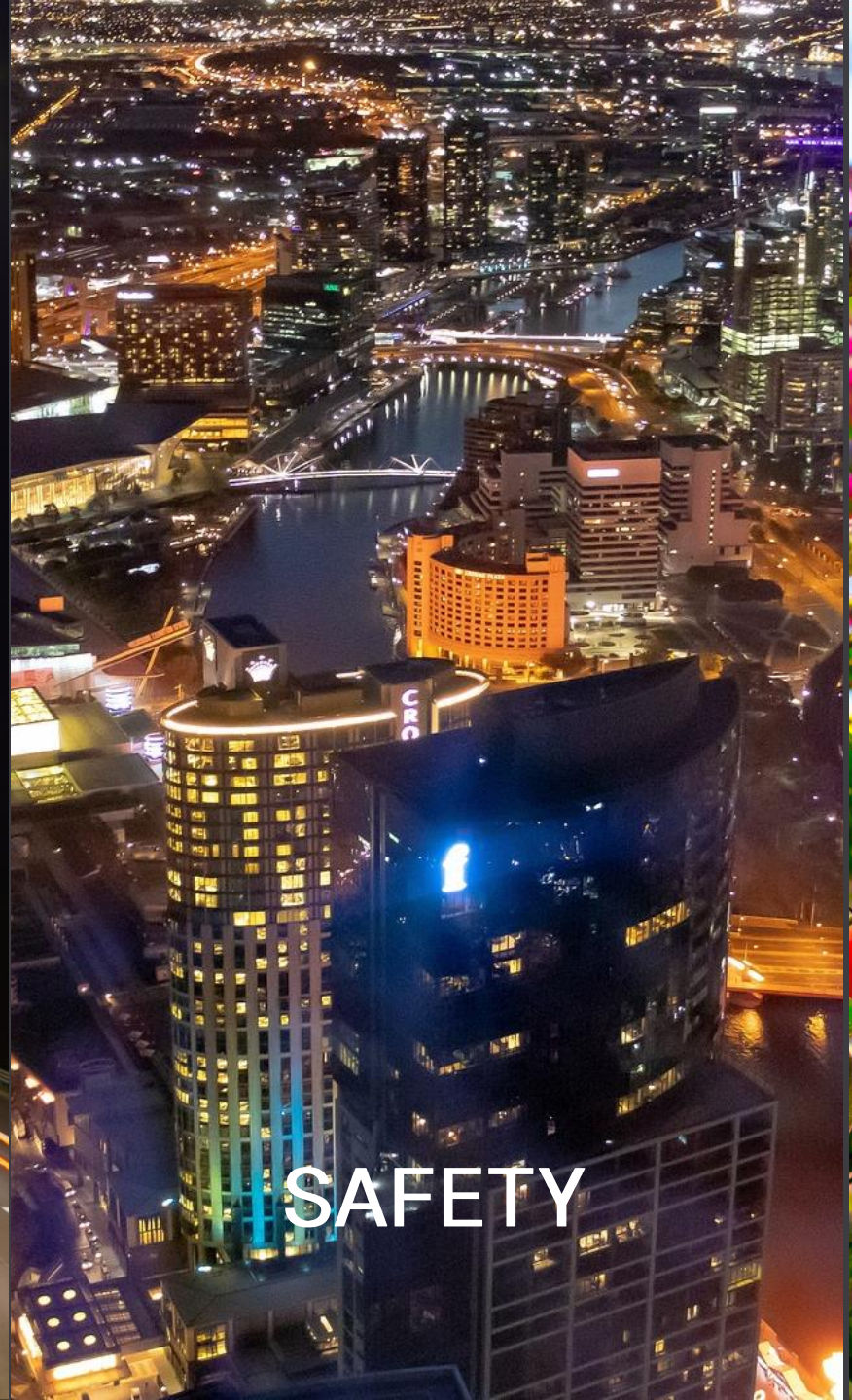
PEOPLE

PROFIT

PLANET

Connected
lighting

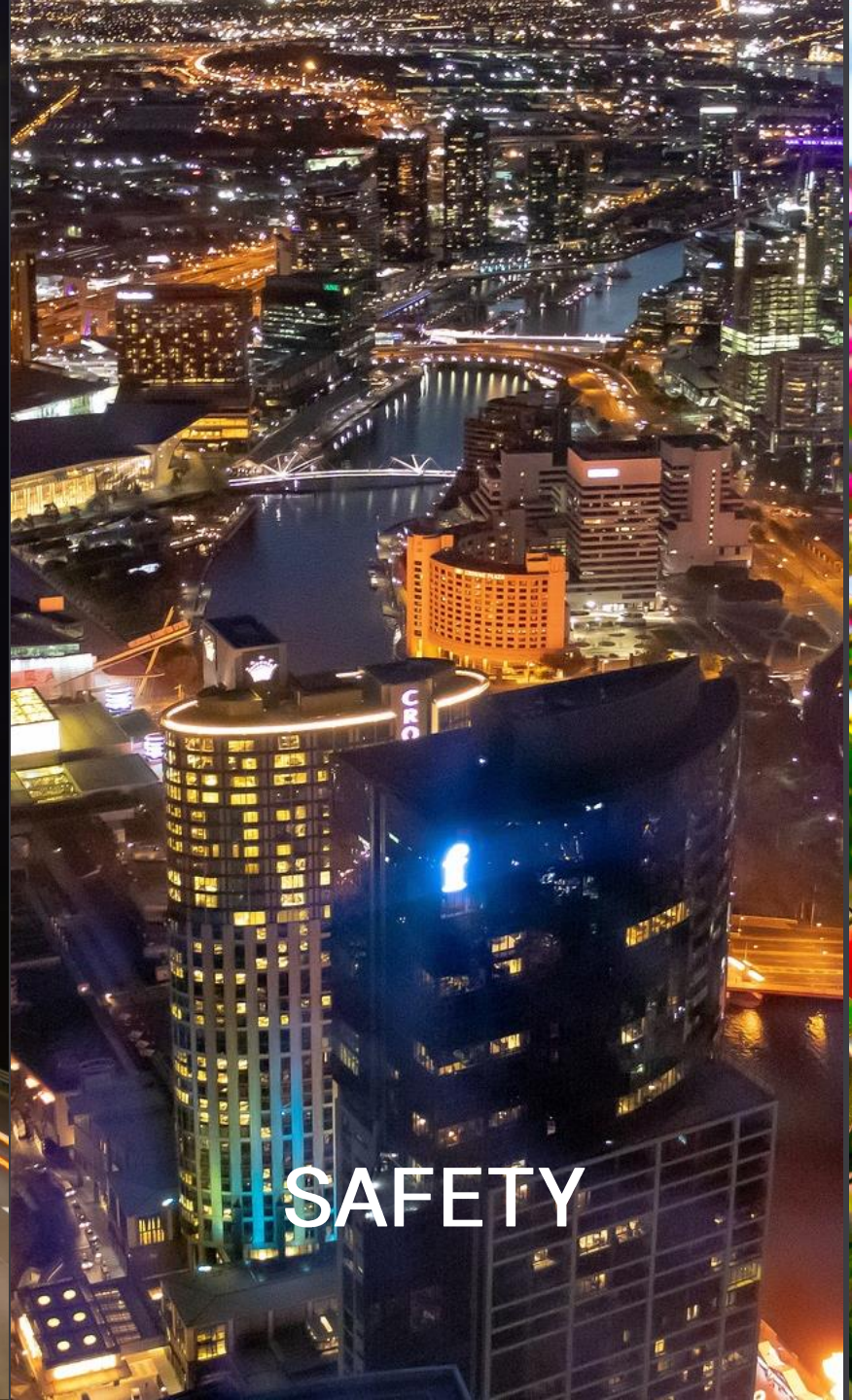
LIGHT
AS A SERVICE


SAFETY

BEYOND
ILLUMINATION

LIGHT
AS A SERVICE

LIGHT
AS A SERVICE


SAFETY

BEYOND
ILLUMINATION

SMART
CITY

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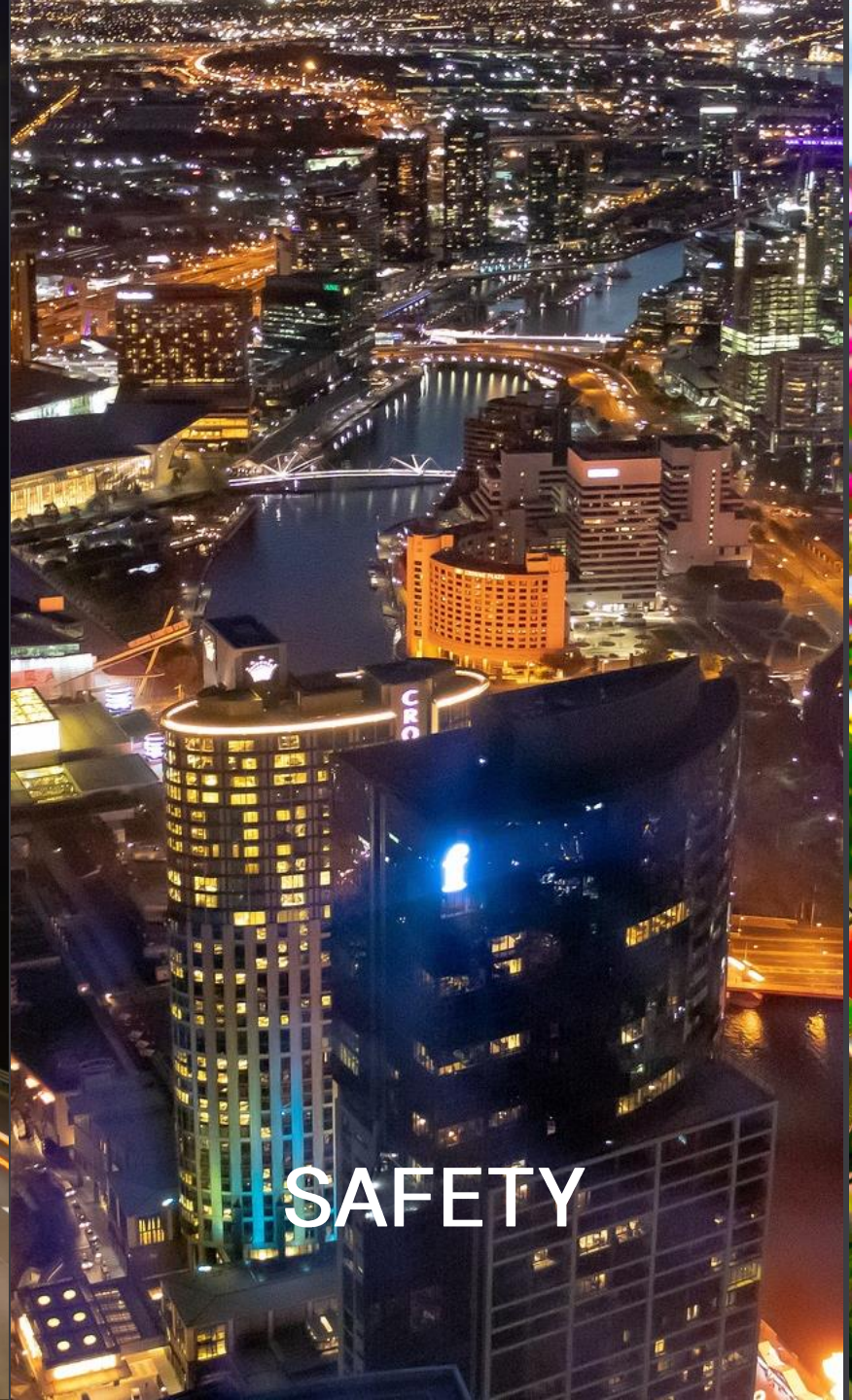
Document Name

LIGHT
AS A SERVICE


SAFETY

BEYOND
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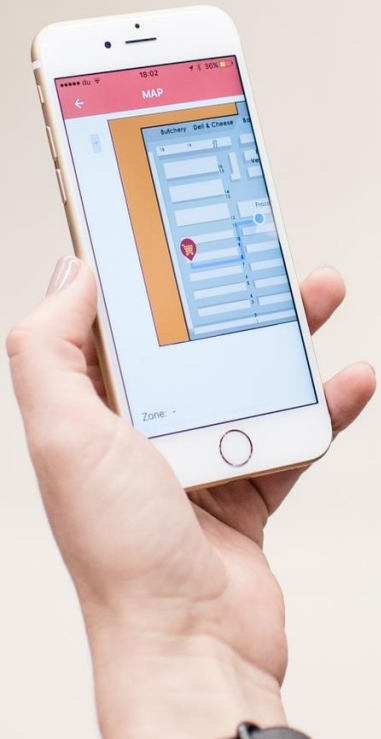
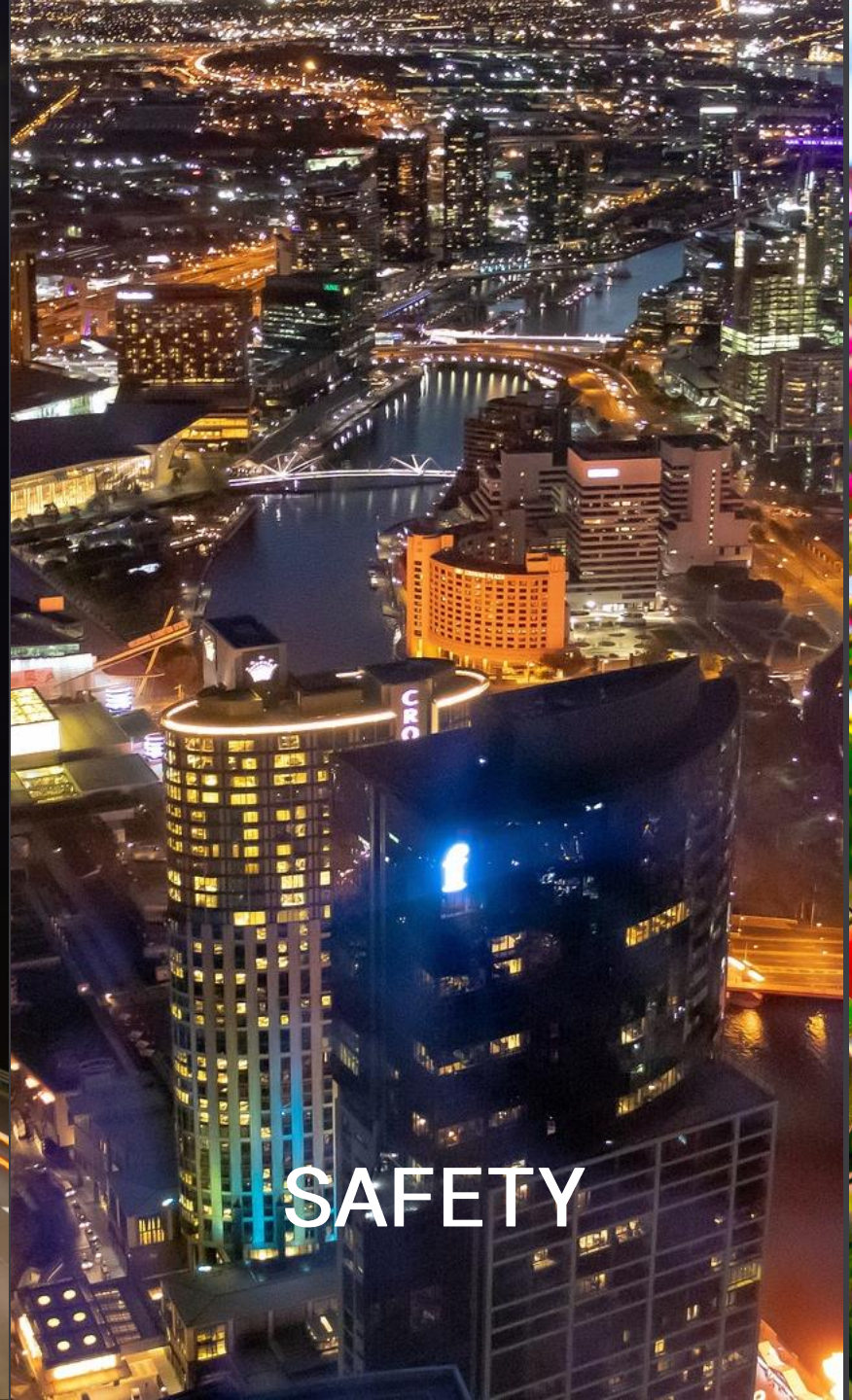
INDOOR POSITIONING



LIGHT
AS A SERVICE


SAFETY

BEYOND
ILLUMINATION

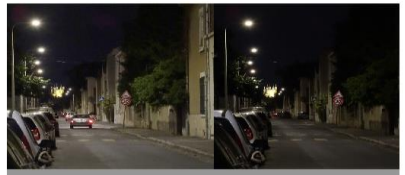
Light can contribute to a
greener & smarter world

What is the value of smart lighting for your city?

Select the topics that matter the most

Remote light control

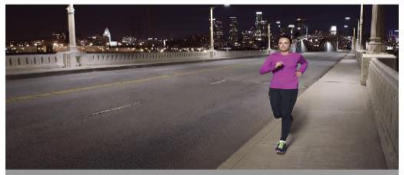
Flexibility


The right light

Respect night time

Ambiance setting

Increase alertness


Maintain safety

Adapt to context

Monitor & optimize

Data management

Scalability

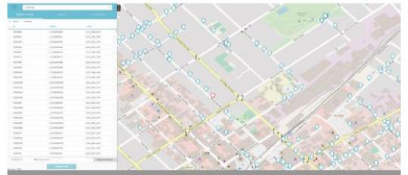
Energy optimization

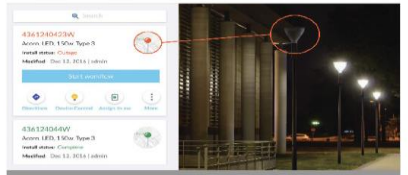
Realtime metering

Billing analytics

Maintenance efficiency

Operational excellence


Remote commissioning


Fault notifications

Workflow management

Presence sensing

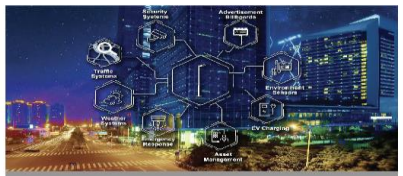
Air quality measurement

Noise detection

Temperature sensing

Impact detection

Smart parking


Interoperability

Digital twin

Broadband connectivity

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