



# **LIGHTINGEUROPE**

THE VOICE OF THE LIGHTING INDUSTRY

Thursday 26 April 2017, ETICS General Assembly, The  
Hague, The Netherlands  
Carl-Eric Portaels

APLE

agid  
AYDINLATMA GEREÇLERİ İMALATÇILARI DERNEĞİ

.AGORIA



AURA LIGHT

CREE



ERCO



FEILO  
SYLVANIA



HALLA



infineon

LEDVANCE



LightTech

LUMILEDS

LUTRON

Minebea  
Passion to Exceed Precision

nia  
nederlandse licht associatie

NVFN

de verenigde professionals  
in noodverlichting

SLA - SWEDISH LIGHTING  
INDUSTRY ASSOCIATION

OSRAM

Panasonic  
ideas for life

PHILIPS

POL Lighting  
Związek Przemysłu Sprężyn  
Oświetleniowego



SYNDICAT DE  
L'ÉCLAIRAGE



ZVEI:  
Die Elektroindustrie

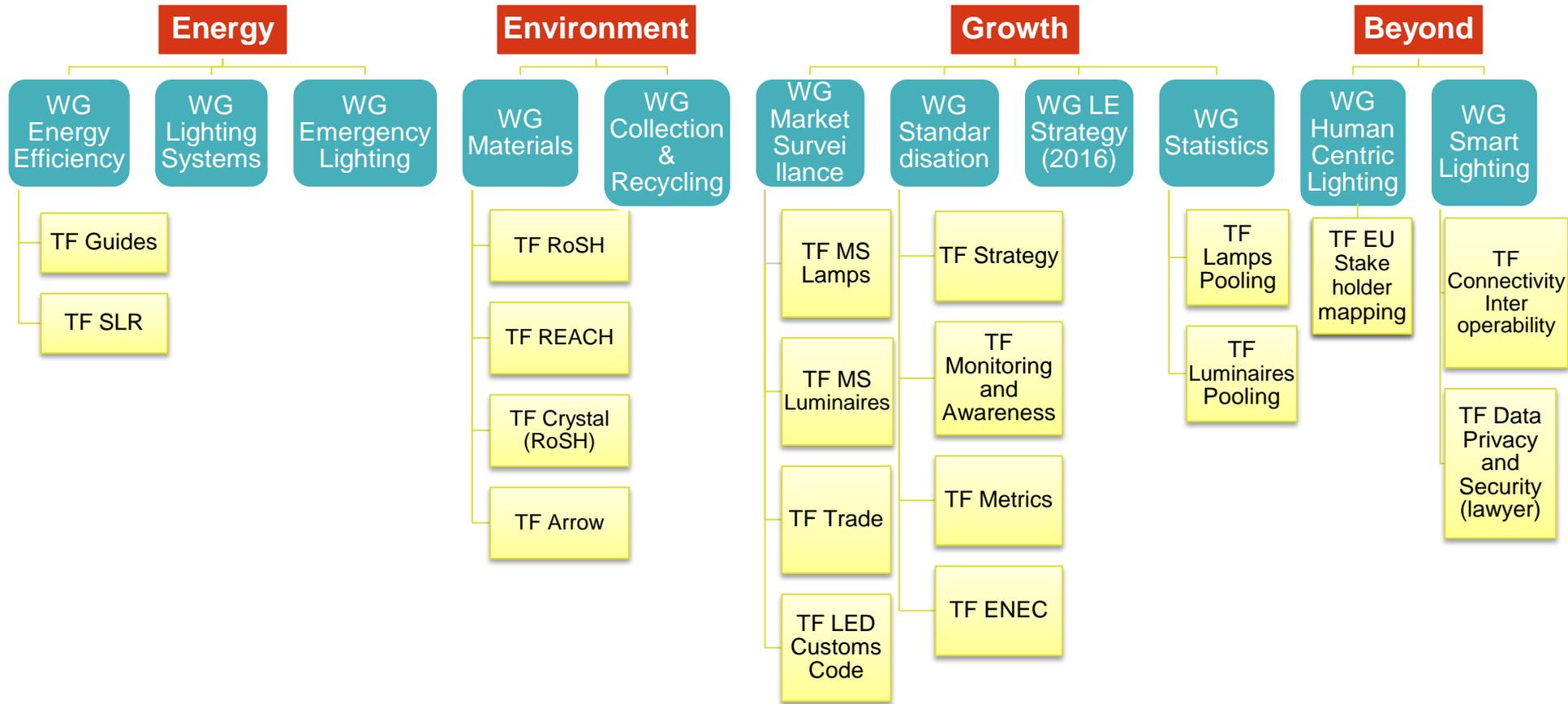
# Our Mission?

- Defend the **interests of our Members**
- Create **optimum market conditions** and **equal level playing fields**
- Secure **that Europe remains leading in lighting**

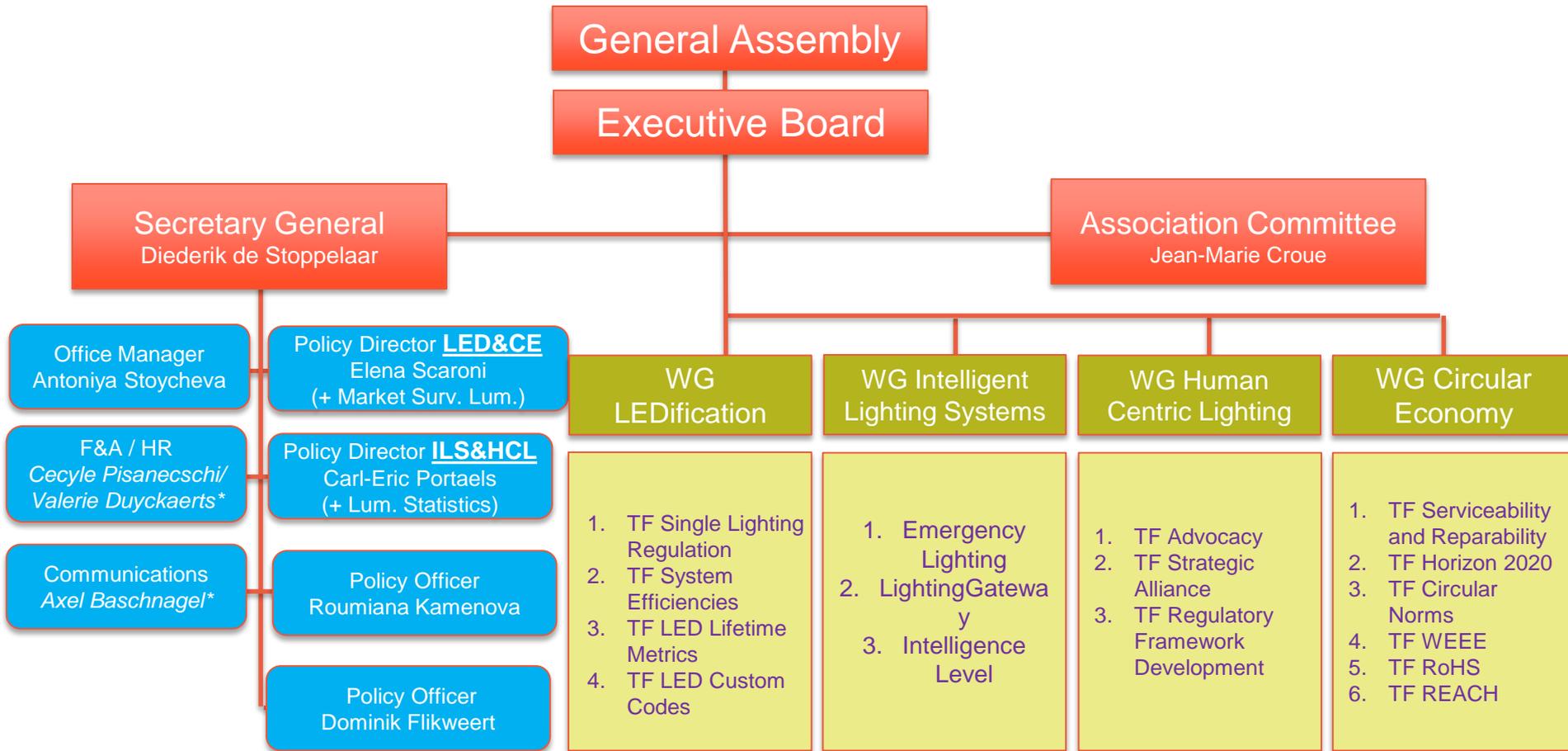
LightingEurope is the **one-stop-shop** for industry input on lighting issues for the EU Institutions



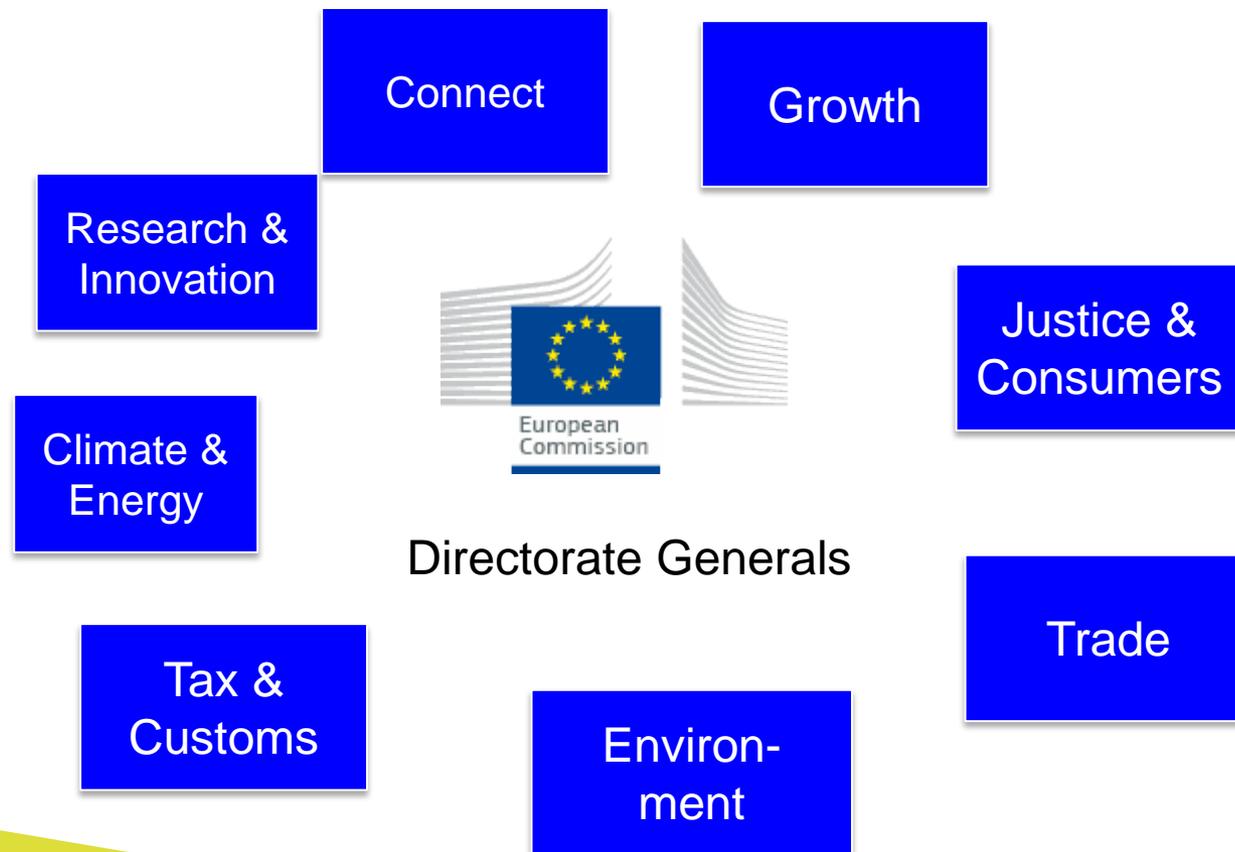
# LightingEurope structure 2016



11 WGs  
19 TFs



# European Policy Framework



# Trends and Policies

Technology

Integration of products

Digitalization

Integration of sensors

Controlling via Internet

Market

IOT

Policies

Energy Saving

Stronger consumer voice

Ledification

New players

Customs Union Climate Action

Market Surveillance

Energy Union

Reindustrialization of Europe

Digital Single Market

Trade

# EU Sectoral Strategies (selection)

Innovation



Energy



Environment



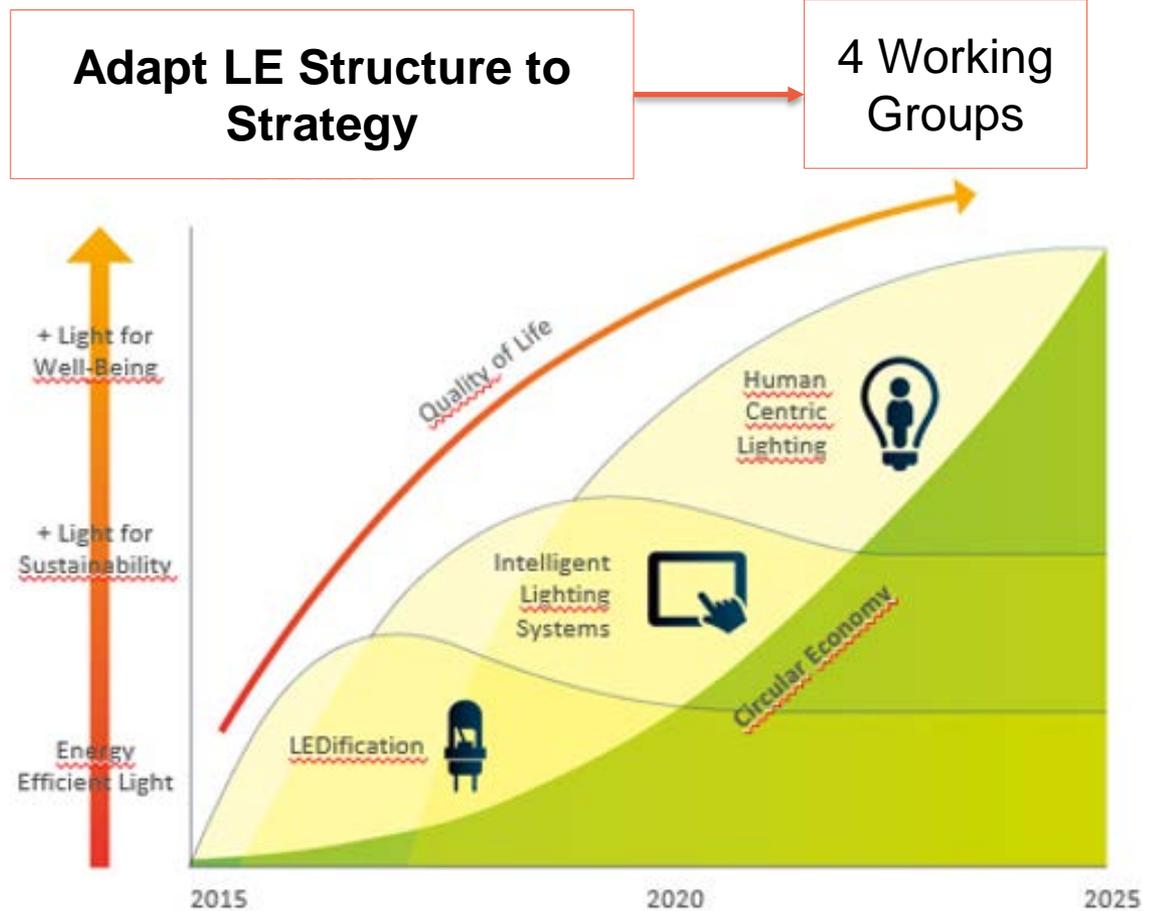
Growth



# Review Cycle of Laws (selection)

	2016	2017	2018	2019	2020
Eco Design Directive (review postponed)					
DOM, TIM, DIM	Single Lighting Regulation?				
Energy Labelling					
Energy Efficiency Directive					
Energy Performance Building Dir.					
RoHS exemptions					
REACH candidate list					
Low Voltage Directive LVD					
Electro Magnetic Compatibility EMC					

# Future of Lighting Europe





# Value of light to society

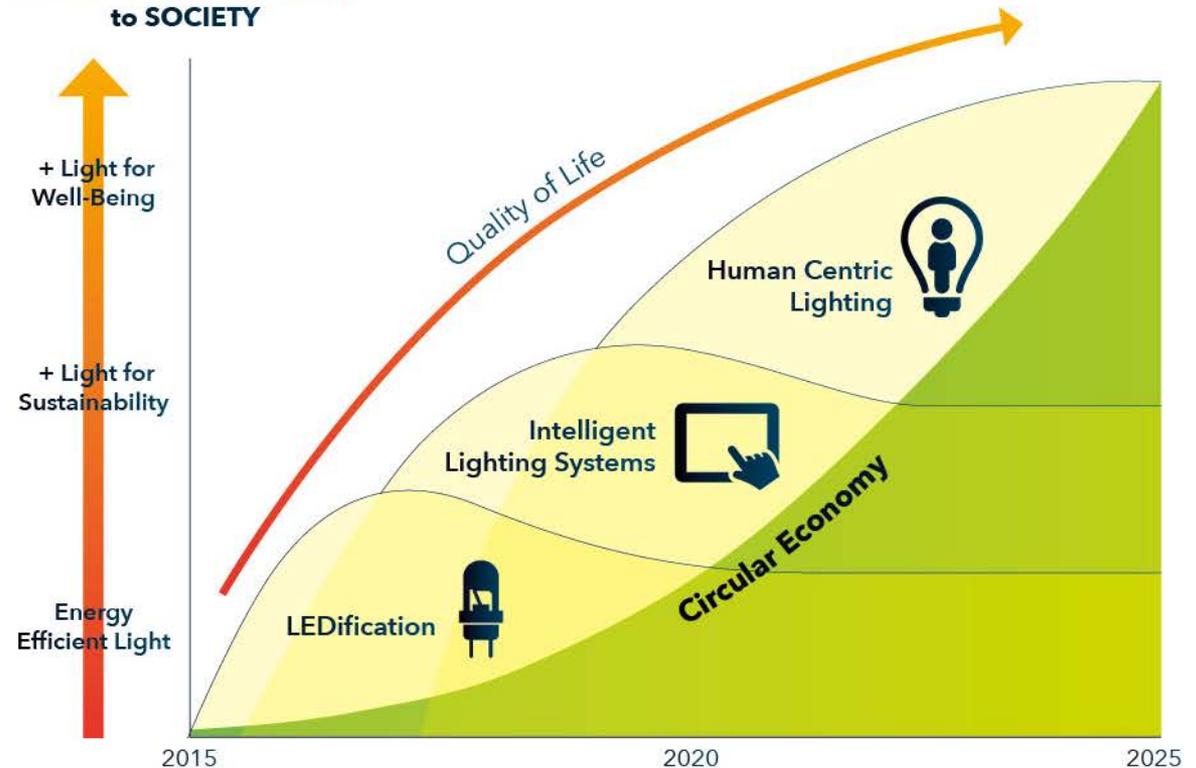
The Strategic Roadmap of LightingEurope demonstrates the increasing growth in the value of light to society.

In this process, **energy efficiency** is supplemented **with light for sustainability** and with **light for well-being**.

The European lighting industry is aiming together with European Regulators for the **growth of the European lighting market** by more intelligent lighting, increased renovation rates, Human Centric Lighting and by circular economy thinking.

A result will be an increased number of jobs in Europe.

**Growth of VALUE of LIGHT to SOCIETY**

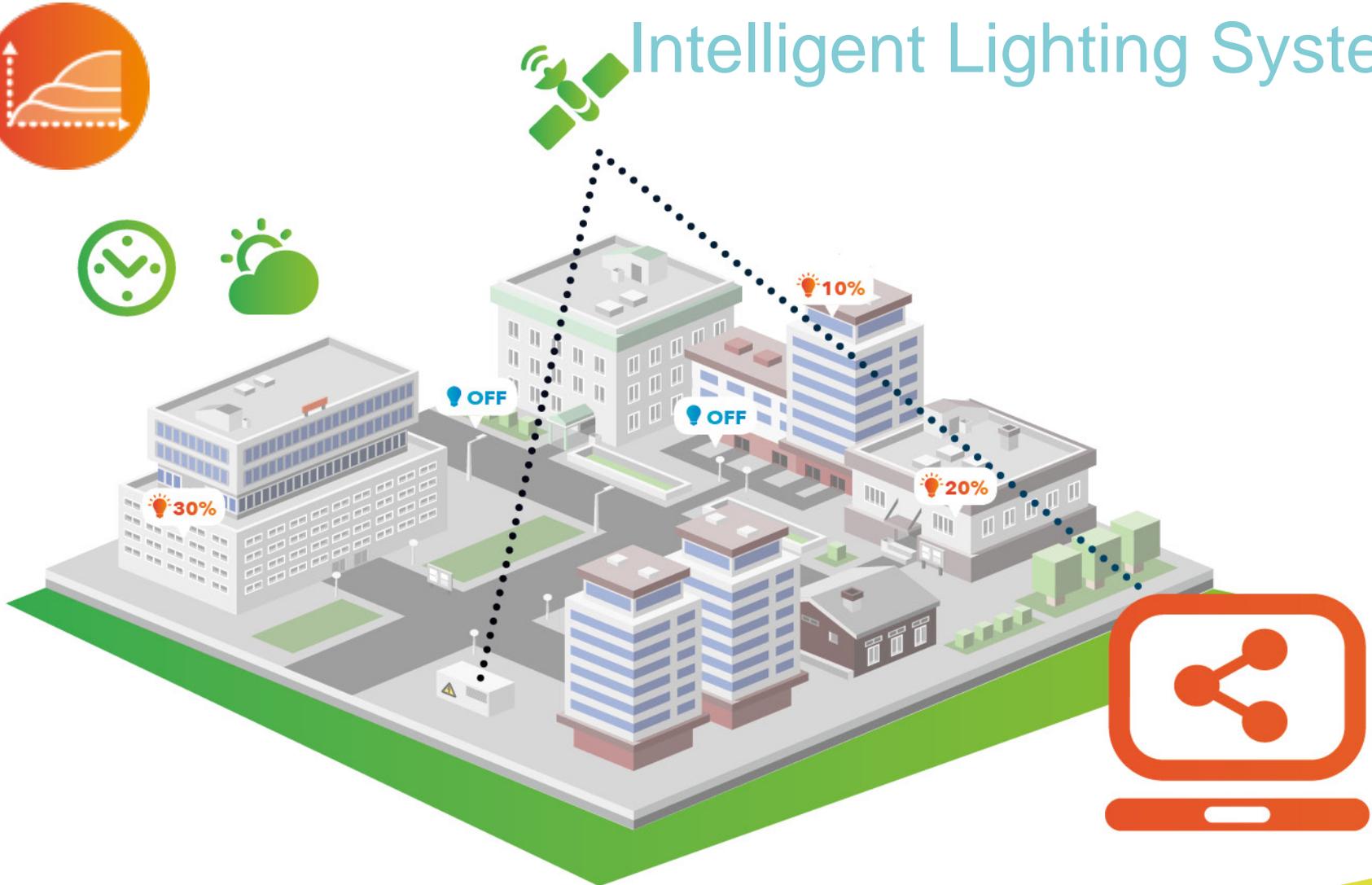


# The current lighting market

- LED technology has resulted in some anarchy
  - Many „new kids on the block“
  - Increasing number of promised product features
  - Regulation far behind on issues like safety or product classification
- High expectations from the private and professional consumers
- Growing need for guidance to the market and unified representation of the lighting industry

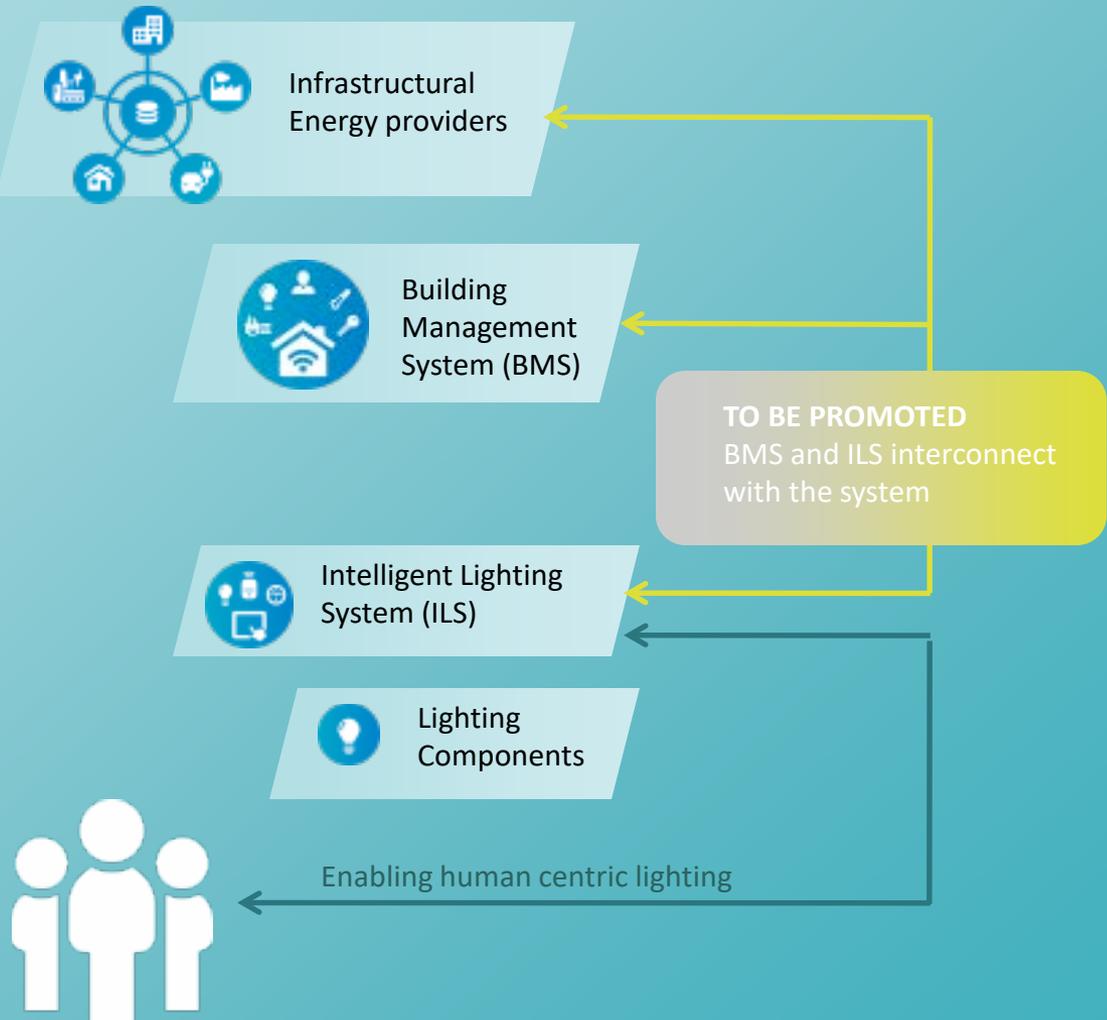


# Intelligent Lighting Systems

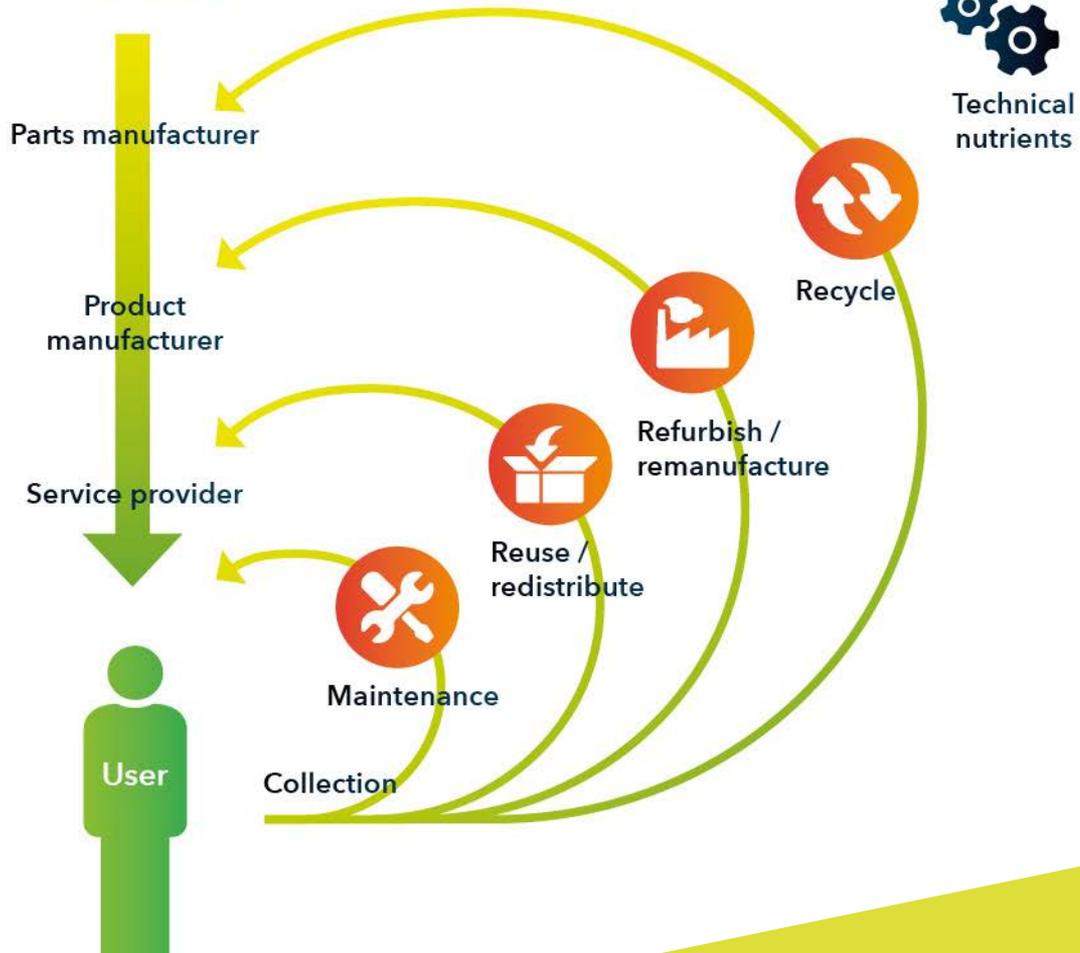


# Intelligent lighting systems

- The uptake of Intelligent Lighting Systems will be increased by simpler legislation that enables differentiation and which is easy to enforce
- Stimulate more intelligence, more controls, more sensors, more dimming, etc.
- The lighting system should be seen as a black box with interfaces to adjacent industries allowing an integrated (holistic) approach to controlling the quality of light and systems within the industry
- Stimulate the development of interface standards
- Consider developing a Li-Fi strategy
- Step up the rate of renovation of the built environment



# Circular Economy- a key objective



# Strategic focus areas

- LEDification (LED)
- Intelligent Lighting Systems (ILS)
- Human Centric Lighting (HCL)
- Circular Economy (CE)

Thank you!



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