



Lighting the future for Europe
concluding remarks
Jan Denneman
President LightingEurope

Findings of the European Lighting Summit



intelligent systems and IoT



Human Centric Lighting



Circular Economy

digital tsunami

LE roadmap

where the money is

safe+fair markets

ILS of the future

non-visual impact

lighting design

invisible epidemic

CE → EU perspective

The changes in the world relevant to lighting



globalisation



- market with fair competition and employability
- support the removal of trade barriers
- oppose unreasonable regulation

- energy efficient products and systems
- food, water, material
- circular economy

climate change & sustainability

- more people, growing age
- working longer - indoor
- move from rural to urban

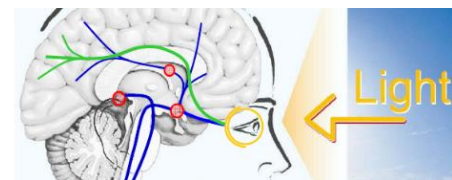


demographic changes

The paradigm shifts in lighting



energy efficiency



**quality of light &
human centric lighting**



cost of ownership



benefit of use

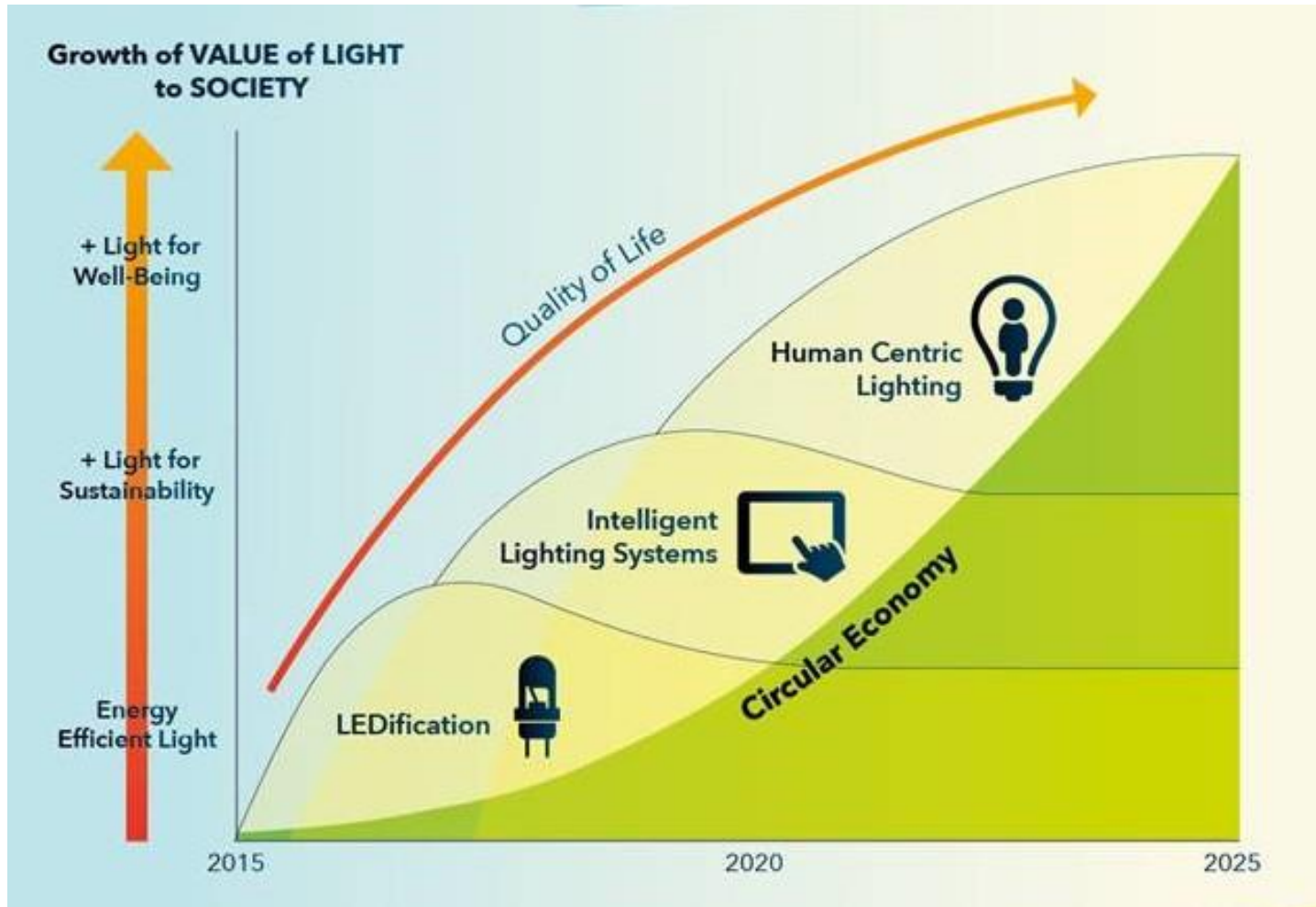


hardware & products



software & systems

Value of lighting to society



The new paradigms for regulators



Many rules, poorly enforced

Few rules, well enforced



Product bans & product level requirements

Stimulating renovation, systems and human centric lighting



Lifetime requirements & waste management

Serviceability & upgradability



Thank you for attending the
European Lighting Summit