LIGHTINGEUROPE
THE VOICE OF THE LIGHTING INDUSTRY

# Annual Report 2024

## Advocating the Value of Lighting



# Forewords

**Looking ahead to 2025, I eagerly anticipate members continued active involvement in LightingEurope. I am committed to identifying further efficiencies in our operations to ensure we optimize the use of our time and resources as we strive for sustainable growth within the European lighting industry.**

## MAURICE MAES

**LightingEurope President**



Reflecting on LightingEurope's accomplishments in 2024, I find it challenging to encapsulate the breadth of our initiatives within the confines of this introduction. The dedication demonstrated by our staff and member representatives in advancing our strategic goals and daily lobbying efforts has been truly remarkable.

This year, we significantly enhanced our outreach to stakeholders across the entire value chain, highlighted by our participation in key events such as Light+Building, the Barcelona Smart City Expo, and the launch of the European Lighting Forum. Additionally, our Brussels Direct Webinars have continued to be a vital resource for engagement and knowledge sharing.

Our collaborative efforts with other associations on critical issues like the Energy Performance of Buildings Directive (EPBD) and enforcement strategies have been extensive. Our staff has swiftly established valuable connections with newly elected Members of the European Parliament (MEPs) and representatives from the European Commission, further strengthening our advocacy efforts.

Thanks to the relentless commitment of our working groups, we have made significant strides in developing lighting-specific Environmental Product Declarations (EPDs) and advancing discussions on EU Taxonomy, PFAS, RoHS, repairability, and addressing the impact of Artificial Light at Night. Our emphasis on enforcement has resonated in Brussels, reinforcing the message that EU regulations must be effectively implemented to foster European competitiveness. It is gratifying to see our initiatives recognized, culminating in the addition of three new members to LightingEurope.



## ELENA SCARONI

**LightingEurope Secretary General**

**LightingEurope had a successful year in 2024, marked by several significant achievements. The organisation presented its new LE 2030 strategy in various fora and launched a series of webinars, the European Lighting Forum, to address industry needs and engage more stakeholders across the lighting value chain.**

Throughout the year, LightingEurope continued its active involvement in shaping EU legislative proposals affecting the lighting industry. This included contributions to the Green Claims Directive, Taxonomy Criteria for Lighting and the implementation of the Energy Performance of Buildings Directive (EPBD).

In February, LightingEurope published a political manifesto aimed at future decision-makers ahead of the 2024 European elections, calling for harmonisation of night-time lighting regulations.

In terms of increased stakeholder engagement, the organisation made a comeback at the Light + Building exhibition in March, bringing together policymakers and stakeholders to discuss better enforcement, and led a coalition of 59 co-signing organisations in a joint statement on better enforcement in online marketplaces in September, followed by intensive lobbying of new Members of the European Parliament. To further promote better enforcement, the LE Mystery Shopper Exercise 2024 checked the compliance of 275 lighting products to verify the presence of non-compliant products on online marketplaces.

We attended the Smart City Expo World Congress in Barcelona in November, where we met with city officials and participated in two panel discussions to better position LightingEurope in the smart city debate. To engage with key policy makers, we met new and old MEPs throughout the year and hosted a dinner at the European Parliament on e-commerce and liability of online marketplaces, where our messages were publicly supported by the MEPs present.

Thank you, Maurice Maes, our President, Dr Jürgen Waldorf, our Vice-President and Miguel Aguado, our Treasurer, and thank you to the members of the LE Secretariat. Thanks to you, our 2024 has been a very successful year for LightingEurope. We promise to work even harder in 2025 to engage with key stakeholders and policy makers to promote the interests of the lighting industry.

# Strategic Vision

LightingEurope has presented the new LE 2030 Strategy and its 4 key objectives in different Fora, such as Light and Building.




Among the other initiatives put in place, in the context of '**Lighting Comes First**,' we launched webinars, including the European Lighting Forum, to address industry needs and involve more players in lighting's role in construction and renovation.

We also participated in the Smart City Expo in Barcelona, discussing lighting in Smart Cities, and published a video on 'Lighting Systems in Smart Buildings.'

To make LE more inclusive with '**Engaged key players**', the LE Executive Board launched a Task Force to restructure membership fees, making them more balanced and future-proof for small associations. In January, LightingEurope held its first-ever CEOs event, involving business leaders in LE discussions.

To support the '**Global Thought and Technical Leader**' objective, LE members began working on a proposal for an IEC standard for luminaires. Our staff organized LCA training for sustainability and initiated talks with leaders like DarkSky and the Global Lighting Association to harmonize light-at-night legislation.

For the '**Fair marketplace**' objective, we organized a dinner at the European Parliament to highlight the need for a clear legal liability framework and enforcement of rules for online marketplaces to MEPs and Commission representatives.

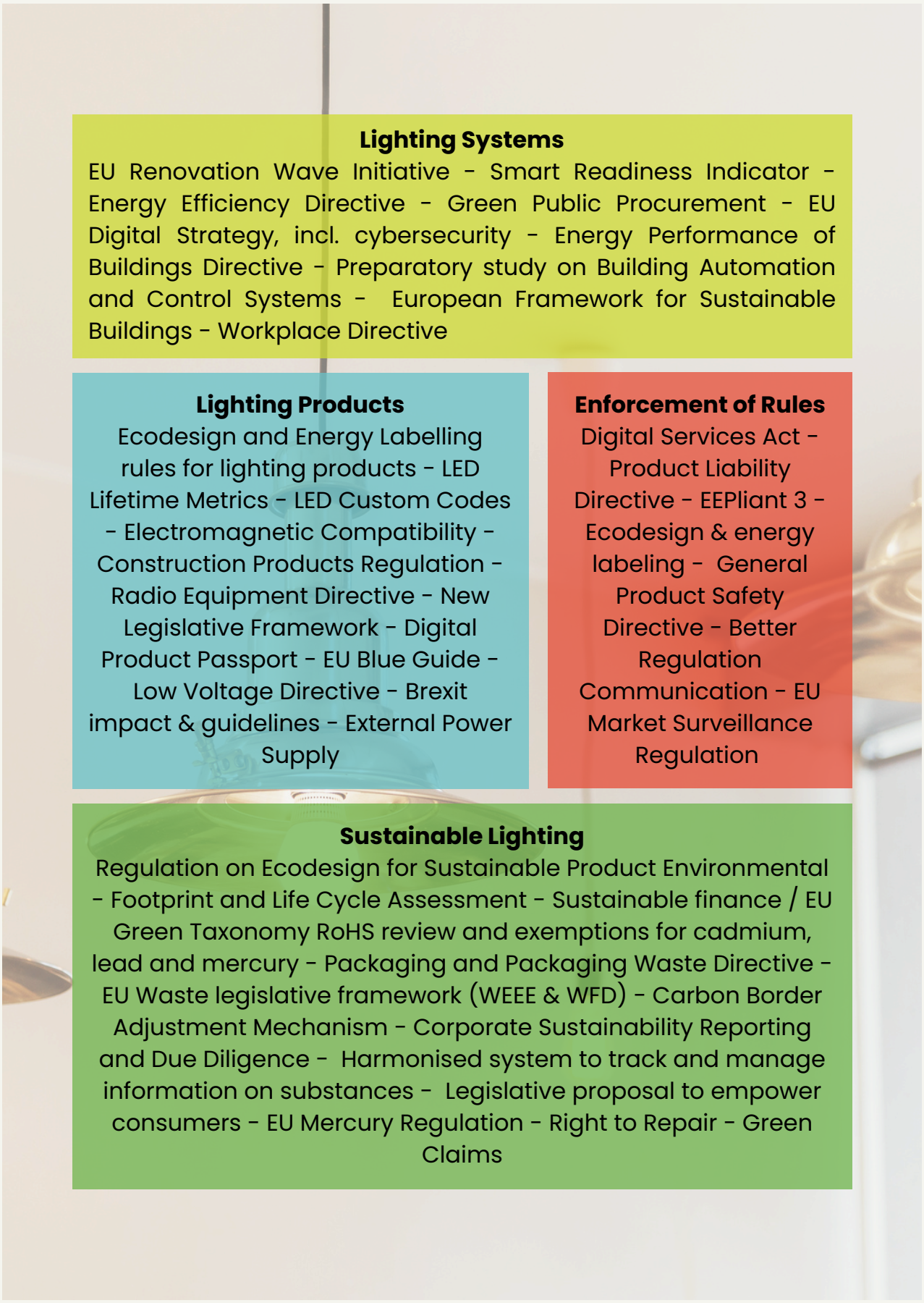



## New video: Lighting Systems for Smart Buildings

New tools to advocate for the value of lighting LightingEurope keeps innovating in its way to communicate about the value of lighting.
We published a new video dedicated to Smart Cities into Smart Buildings.

More videos to come in 2025!

# EU Policies impacting the lighting industry



**Lighting Systems**

EU Renovation Wave Initiative - Smart Readiness Indicator - Energy Efficiency Directive - Green Public Procurement - EU Digital Strategy, incl. cybersecurity - Energy Performance of Buildings Directive - Preparatory study on Building Automation and Control Systems - European Framework for Sustainable Buildings - Workplace Directive

**Lighting Products**

Ecodesign and Energy Labelling rules for lighting products - LED Lifetime Metrics - LED Custom Codes - Electromagnetic Compatibility - Construction Products Regulation - Radio Equipment Directive - New Legislative Framework - Digital Product Passport - EU Blue Guide - Low Voltage Directive - Brexit impact & guidelines - External Power Supply

**Enforcement of Rules**

Digital Services Act - Product Liability Directive - EEPliant 3 - Ecodesign & energy labeling - General Product Safety Directive - Better Regulation Communication - EU Market Surveillance Regulation

**Sustainable Lighting**

Regulation on Ecodesign for Sustainable Product Environmental - Footprint and Life Cycle Assessment - Sustainable finance / EU Green Taxonomy RoHS review and exemptions for cadmium, lead and mercury - Packaging and Packaging Waste Directive - EU Waste legislative framework (WEEE & WFD) - Carbon Border Adjustment Mechanism - Corporate Sustainability Reporting and Due Diligence - Harmonised system to track and manage information on substances - Legislative proposal to empower consumers - EU Mercury Regulation - Right to Repair - Green Claims

# LightingEurope Large Events

In 2024, LightingEurope has organized a series of public events and webinars, including those for the European Lighting Forum. Exclusive events for members feature two major recap webinars covering essential EU regulations affecting the lighting industry, an online training session on Life Cycle Assessment (LCA), and the LE General Assembly. This assembly includes a visit to the European Parliament and a gala dinner, where the President's and Secretariat awards for 2024 were presented.

**Collectively, these events attracted over 1,000 attendees!**

**5 March - Frankfurt Messe at L+B Fair**
'From the EU Green Deal to the LightingEurope Strategy 2030'
(Public Conference)




**20-21 March - Brussels**
'LE General Assembly'
Visit to the European Parliament, Dinner and GA
(For Member's only)



**12 April - Online**
Measurement of lighting with temporal light modulation and EcoDesign
(Public Webinar)











**18 July - Online**
Brussels Direct Webinar 'Beach reading'
(For Member's only)

**26 June - Online**
European Lighting Forum Indoor Environmental Quality
(Public Webinar)

**24 April - Online**
European Lighting Forum Renovating Europe's buildings – the role of lighting'
(Public Webinar)








**25 October - Online**
'European Lighting Forum | EPREL: A Demo to Product Registration and Recent Verification Rules'
(Public Webinar)

**3 December - Online**
'LCA Training' -
(For Member's only)

**12 December - Online**
Brussels Direct Webinar 'Under a Christmas tree'
(For Member's only)



## Brussels Direct Webinars

On top of these large events, our members have attended additionally 20 webinars for members only, our Brussels Direct Webinars. All of them together have been attended by more than 700 participants!

# LightingEurope Public Speeches

**06 March 2024**
**12th International Conference on Improving Energy Efficiency in Commercial Buildings and Smart Communities (IEECB&SC'24)**
Major policy and regulatory trends in Europe for lighting

**24 May 2024**
**EucoLight Annual Conference**
LightingEurope latest activities and developments in sustainability

**10 June 2024**
**EUSEW2024 joint event with HVAC industry**
IEQ & revised EPBD (panel discussion)

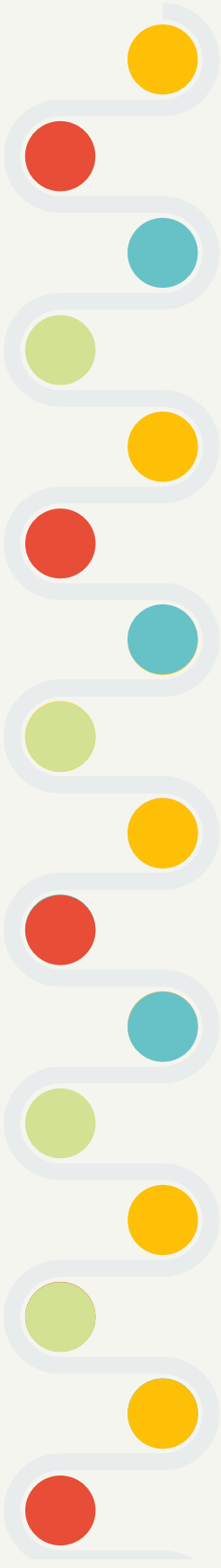
**13 September 2024**
**ZVEI lighting GA meeting**
EU Legislation and related LightingEurope activities

**05 November 2024**
**World Expo Smart Cities**
Public and Private Collaboration for Energy Transition in Cities

**27 November 2024**
**Light and Intelligent Buildings**
Inaugural Speech

**02 December 2024**
**CECAPI**
LightingEurope' s Guidelines "Evaluating performance of LED based luminaires"

**10 December 2024**
**Advanced UV for Life - RoHS**
Workshop on RoHS and the functioning of exemptions



**23 January 2024**
**Sylvania Sales Meeting Convention**
From Regulations to Strategic Targets

**04 April 2024**
**Anfalum/UNE**
The new LightingEurope Strategy 2030 & Update on Regulations

**6 June 2024**
**EFO – lighting companies gathering**
LightingEurope latest activities

**05 September 2024**
**GLA Board meeting**
Update on LightingEurope activities

**23 October 2024**
**LIA Autumn Tech Forum**
The ESPR and its impact on the EU

**07 November 2024**
**World Expo Smart Cities**
Blueprints for Transformation: Revolutionizing Urban Infrastructure (panel debate)

**10 December 2024**
**La Journee de la Distribution**
ESPR and Packaging and Packaging Waste Regulation

**3 December 2024**
**General Assembly ASSIL**
Panel Debate

# New Initiatives



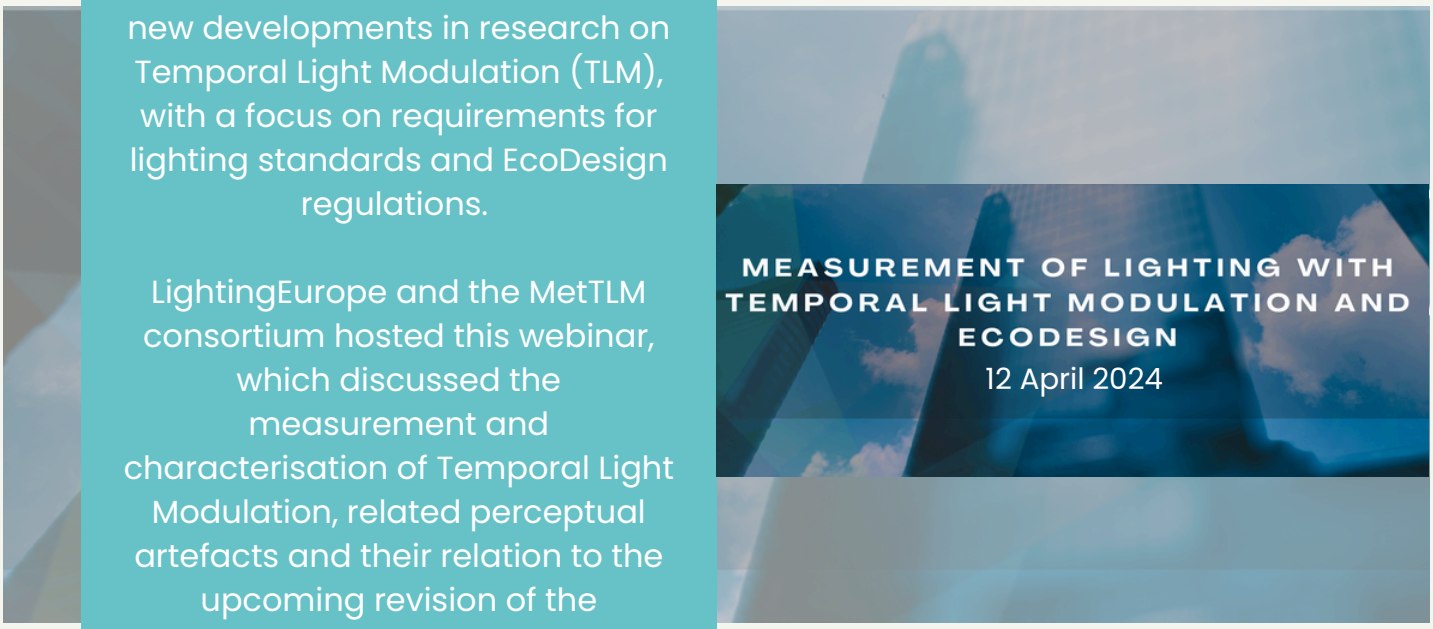

Our new LightingEurope initiative was launched in April 2024.

It is a new platform where members of the lighting value chain and the built environment are invited to share views, experience and work together on the delivery of better lighting in Europe.

- **23 April: Launch of European Lighting Forum - Renovating Europe's buildings – the role of lighting**
- **26 June: European Lighting Forum - Indoor Environmental Quality**
- **25 October 2024: EPREL: A Demo to Product Registration and Recent Verification Rules**

It was an informative webinar on new developments in research on Temporal Light Modulation (TLM), with a focus on requirements for lighting standards and EcoDesign regulations.

LightingEurope and the MetTLM consortium hosted this webinar, which discussed the measurement and characterisation of Temporal Light Modulation, related perceptual artefacts and their relation to the upcoming revision of the EcoDesign lighting regulation.



# LightingEurope Guidelines and Legislative Tracker

### Evaluating performance of LED based luminaires (updated 2024 version)

We updated our Guidelines 'Evaluating performance of LED based luminaires', published in 2018 with updated standard references when needed, and in line with the more recent WG SPR proposals on regulatory lifetime. The objective of the paper was and remains to support alignment when measuring/calculating lifetime metrics of LED luminaires.



### Guidance and Information Paper on The Use of Lighting Product Standards in Europe

The document gives guidance and information on the use of standards (EN, harmonized EN, OJEU listed harmonized EN and non-EN standards) in Europe and in the United Kingdom when preparing the Declaration of Conformity, given the overall unclarity on which standards to reference. This document outlines all the different options available to manufacturers, leaving it up to them to choose which option to follow (publication in early 2025).




### EU-GB lighting legislative tracker (for members only)

Every month, LE and LIA members receive via our internal newsletters an updated tracker of all relevant files of the legislative debate (both in the EU & GB).



### EU Green Deal Compendium

This Compendium is intended to assist the lighting market in understanding the most important legislation for the lighting industry related to the EU Green Deal. **(for members only).**

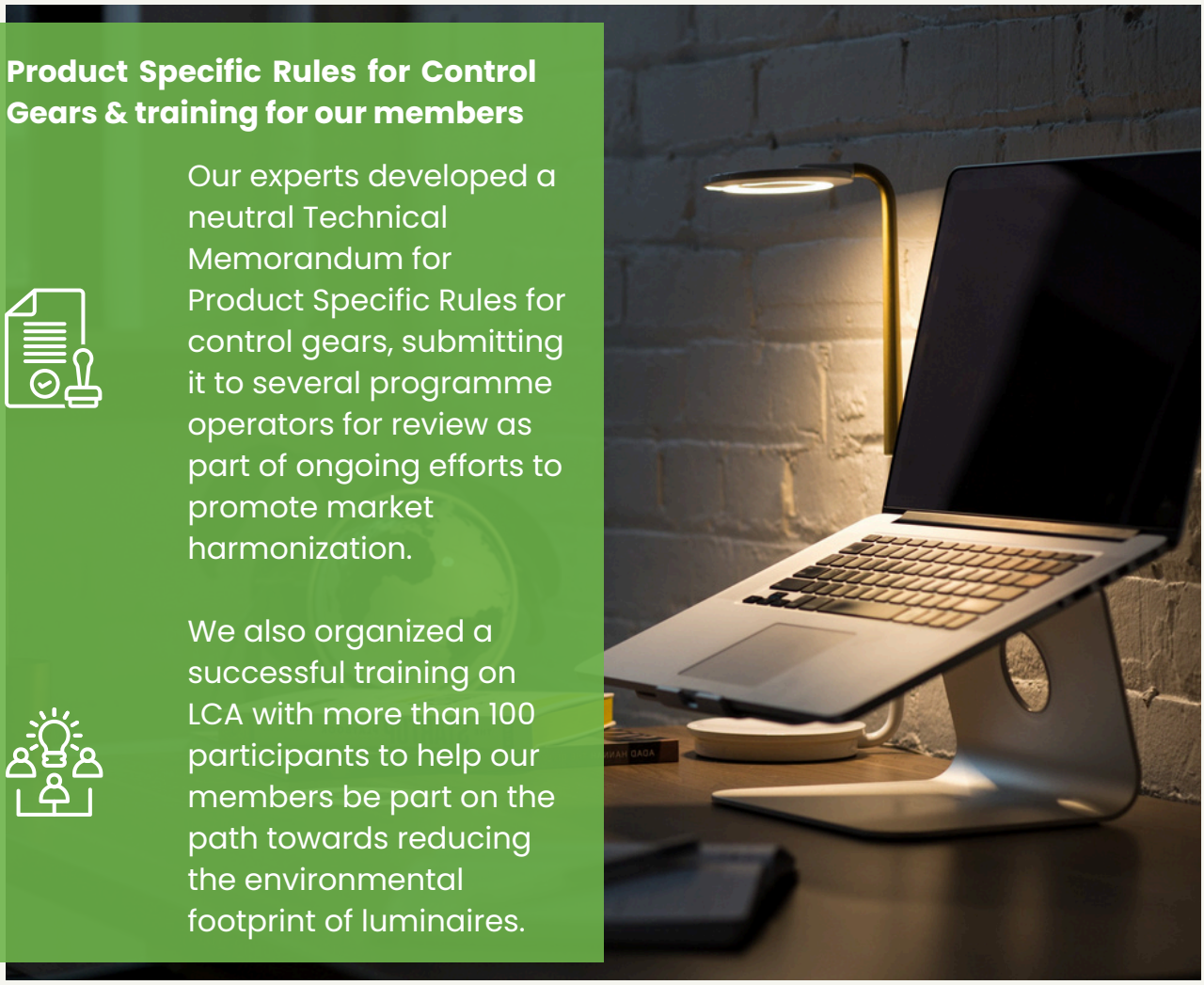


# 2024 Achievements

## Sustainability

### Green Claims/hazardous substances

Thanks to our advocacy, including joint actions with other organisations, the Parliament and Council dropped in their final positions on the Green Claims Directive a ban on green claims for products containing hazardous substances, despite pressure from some political groups and countries.



**Product Specific Rules for Control Gears & training for our members**

Our experts developed a neutral Technical Memorandum for Product Specific Rules for control gears, submitting it to several programme operators for review as part of ongoing efforts to promote market harmonization.

We also organized a successful training on LCA with more than 100 participants to help our members be part on the path towards reducing the environmental footprint of luminaires.

**Mercury amendment in final text & Press release to give clarity on phase-out new dates**

During the legislative process, we corrected an error in the revised Mercury Regulation proposal that wrongly restricted all HPS lamps by end-2025, ensuring alignment with the RoHS Directive's allowance until February 2027 in the final text. We also published a press release, in coordination with DG Environment, with the Updated phase-out dates for the manufacture and export of certain general lighting lamps, following the publication of the Mercury Regulation.

## Better Enforcement

### Liability for product non-compliance online

LightingEurope carried out a new mystery online shopping exercise throughout 2024 on LED Strips, G4 lamps on mains, Night lights for children. The purpose of this exercise was not only to establish the rate of non-compliant lighting products sold online via marketplaces to European users but to demonstrate that non-compliant products can also be dangerous.



**100%** of the 275 of the lighting products for which we checked information requirements online did not comply with EU mandatory information requirements.

**100%** of the 20 (out of 275) lighting products for which we carried out safety tests in an independent laboratory did not comply.

We advocate for the clear allocation of liability for non-compliant products online to an economic operator established within the EU jurisdiction in EU legislation. We lead an informal coalition of **75** organisations, both NGOs and industry representatives, to work on proposals on how to address this legal loophole in relevant legislative files in the legislature 2024 – 2029. We issued a joint statement with our joint requests with 59 of them.

As LE we organised, on the same topic, with the European Forum For Manufacturing, a dinner debate in the European Parliament with 4 MEPs, 4 representatives from the Dg Ener and DG Just and many stakeholders. Present MEPs openly supported our requests.

## Value of Lighting

### The Energy Performance of Buildings Directive

The text published in the EU Official Journal in July, as advocated by LightingEurope, mandates the use of automatic lighting controls, makes the Smart Readiness Indicator mandatory and recognises the importance of IEQ, indoor environmental quality.

LightingEurope has started influencing the upcoming Commission's Guidelines on EPBD and the Member States implementation of the EPBD with 2 position papers on lighting (renovation and IEQ) and publishing joint recommendations with the HVAC industry on the Indoor Environmental Quality aspects.

**Artificial Light at Night (ALAN)**

Artificial Light at Night (ALAN) is a growing concern, prompting LightingEurope to issue a political manifesto in February advocating for the harmonization of nighttime lighting regulations. To achieve this, a robust network must be established. In addition to ongoing dialogues with lighting designers from IALD, we have forged partnerships with organizations like DarkSky, various Metrology Institutes, and EU-funded projects such as 'Plan B'—where we actively participate in the stakeholder committee—and 'Natura @ Night.' Our engagement extended to the Smart Cities World Expo in Barcelona, where we contributed to panel discussions and informal meetings. ALAN will feature prominently at the European Lighting Summit in 2025

## Sound Products Rules

### Ecodesign and Energy Labelling Legislative Review

**Meeting/key preliminary messages with European Commission in view of SLR/ELR review + training on lighting with Commission's officers.**

We shared a preliminary position on the SLR/ELR review in a meeting with the European Commission and following a lighting training organized as part of our ongoing engagement.

## Emergency Lighting




### EU Batteries and Waste Batteries Regulation

LightingEurope has proactively addressed ambiguities in the EU Batteries Regulation by formulating a clear industry stance on classifying batteries utilized in self-contained emergency lighting luminaires. We have urged regulators to provide legislative clarity by designating these batteries as industrial batteries.

# Advocacy in numbers

**6,335**
Followers on LinkedIn

**175**
Visual Designs for our Events and Communications

**75**
Organisations we regularly partner with for our Advocacy efforts



**3**
Events as part of our European Lighting Forum

**6**
New Videos on our Youtube Channel

**16**
External Presentations

**22**
Brussels Direct Webinars

**2576**
Followers on X

**90**
Meetings

# 2025 Priorities

## Sustainability

In 2025, we will continue to contribute to EU proposals that will impact lighting design and business models, including luminaire taxonomy criteria, substances regulations (e.g. REACH and PFAS, RoHS), potential future rules on recycled content and critical raw materials arising from the review of the Single Lighting Regulation, and the future review of the Waste of Electrical and Electronic Equipment (WEEE) Directive.

LightingEurope will finalise and publish our proposals for product specific rules for luminaire components (LED modules and control gear).
In 2025 we plan to update the LightingEurope EU Green Deal Compendium, our Guide to keep our members informed of the latest EU Green Deal requirements.



## Better Enforcement



We will be conducting a new online mystery shopper exercise to show that, despite the new EU legislation recently adopted, free riding continues online and no economic actor can be held liable. Our new exercise will again be supported by laboratory testing of 10 products to check compliance with safety requirements.



We will continue to work with trade, consumer and environmental organisations in regular meetings initiated by LightingEurope to change the laws to prevent online free-riding and clearly allocate liability. At the end of 2024, this group includes already 75 organisations.



We will report non-compliant products we find on the EPREL database to the authorities, carry out checks in 2025 and select criteria for checking different products.
We will also support the review of the Single Lighting Regulation so that revised rules are backed up by strong enforcement requirements.

## Value of Lighting



We will continue to promote the value and benefits of lighting with several initiatives: new webinars with the European Lighting Forum, our permanent series of webinars with the lighting value chain to implement the new LightingEurope strategy and the Value of Lighting, but also new videos and communication activities.



We will finalise and promote our messages on the importance of harmonising regulations on artificial light at night. We will continue to work with our national associations for a good implementation of the Energy Performance of Buildings Directive to ensure that lighting is explicitly included in the indoor environment quality criteria. We will influence the forthcoming Clean Industrial Deal, the Public Procurement Directive and the review of the Workplace Directive to ensure that quality lighting is recognised, supported and incentivised in each new relevant EU regulatory initiative.

## Sound Products Rules

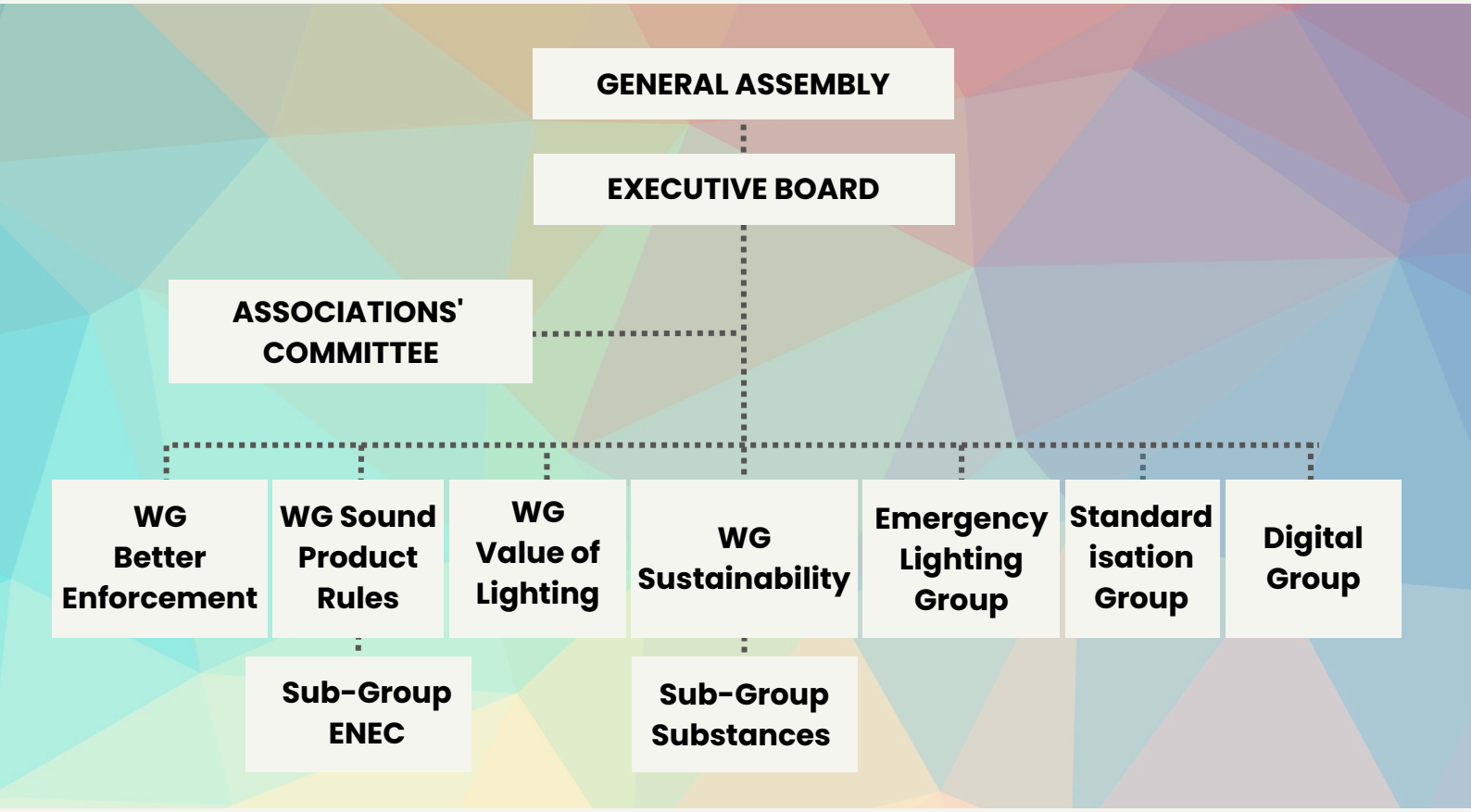
The review of the EU's ecodesign and energy labelling legislation for lighting will start in 2025, but in LightingEurope we have already finalised most of our positions to contribute to the 2025 review and have already started the dialogue with the European Commission.
Our proposals include possible improvements to the EPREL database. So 2025 will be dedicated to influencing the debate on these key pieces of legislation.

We will then work on new dossiers arising from the future EU Clean Industrial Deal and other net-zero dossiers,
advocating for lighting to be included, recognised and incentivised, also in cooperation with the Coalition for Energy Savings.
We will continue to advocate for sound rules for lighting products in the review of the External Power Supply Regulation and support our members in understanding and applying the General Product Safety Regulation.



# Organisation

Working together within LightingEurope, our members shape the future of Europe's lighting industry.




The **Executive Board** is composed of company and association leaders who set out the strategic direction of the association.
The **General Assembly**, composed of all our members, is the highest decision-making body in LightingEurope. It decides on our priorities, actions and finances.

Our **Working Groups** are the engine of LightingEurope. It's where experts from our member companies and associations meet, share their technical know-how, and reach a consensus on the policies and rules for lighting.
Our **Groups** are teams of experts that report to the Executive Board and are focused on a specialistic topic. They may last multiple year.

Our **SubGroups** are teams of experts that report to the Working Groups and are focused on a specialistic topic. They may last multiple year.
Short term tasks are instead dealt by **Task Forces**, small groups of experts reporting as well to the Working Groups.

# Executive Board



Alfredo Berges
ANFALUM,
SPAIN



Ayca Donaghy
the LIA,
UK



Emmanuel Gagnez
SYNDICAT DE
L'ÉCLAIRAGE, FRANCE



Fahir Gök
AGID,
TURKEY



Jean-Marie Croué
GIL – SYNDICAT DU
LUMINAIRE, FRANCE



Maurice Maes
SIGNIFY,
THE NETHERLANDS



Joerg Minnerup
TRILUX,
GERMANY



Isacco Neri
ASSIL,
ITALY



Miguel Aguado
Pelaez
LUTRON, UK



Arnulf Rupp
INVENTRONICS,
GERMANY



Mark Oliver
Schreiter
ERCO, Germany



Klaus Vamberszky
ZUMTOBEL GROUP,
AUSTRIA



Dr Jürgen
Waldorf
ZVEI, GERMANY



Alfonso D'Andretta
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ITALY



Flavio Bertoli
LEDVANCE,
GERMANY



Carlo Urbinati
ASSOLUCE,
ITALY

# LightingEurope Secretariat



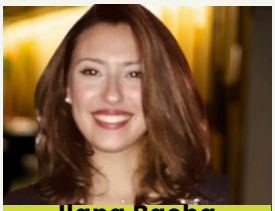
**Elena Scaroni**
Secretary General



**Teresa Selvaggio**
Director of Public Affairs



**Simon Wessels**
Policy Officer



**Ilana Bacha**
Office Manager / Event & Comms Officer



**Marion Ebel**
Director of Corporate Affairs



**Alfredo Menghini**
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**Antoine Hattemer**
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