

Cluster Lumière

Performance & Innovation

www.clusterlumiere.com



THE CLUSTER LUMIÈRE WAS LAUNCHED IN LYON IN 2008

The Cluster brings together companies and organizations of the lighting sector: Laboratories, manufacturers, engineers, lighting installers and designers...

The real plus of the association is the combination of complementary skills to offer expertise and overall lighting solutions for application to projects of cities, shops, offices, industries...

A DYNAMIC AND INNOVATIVE CLUSTER

In order to become a leader in the European lighting systems sector, the Cluster Lumière is committed to boosting its members' competitive edge, helping them to develop and grow.

- Boost innovation in new lighting technologies to meet economic challenges and encourage sustainable development.
- Promote competitiveness, cooperative businesses and international development in the sector.

The complete value chain is represented, covering every area of expertise, with more than 300 enterprises: manufacturers, R&D, lighting designers, contractors, installers, distributors.

Lighting up the future

Cluster
Lumière
Performance & Innovation



The fields covered by the Cluster Lumière

The lighting sector and its related fields centre on four main areas:

Research and education

State and privately-run research institutes and university research institutes, research and testing laboratories, certification and standardisation bodies.

Manufacturers

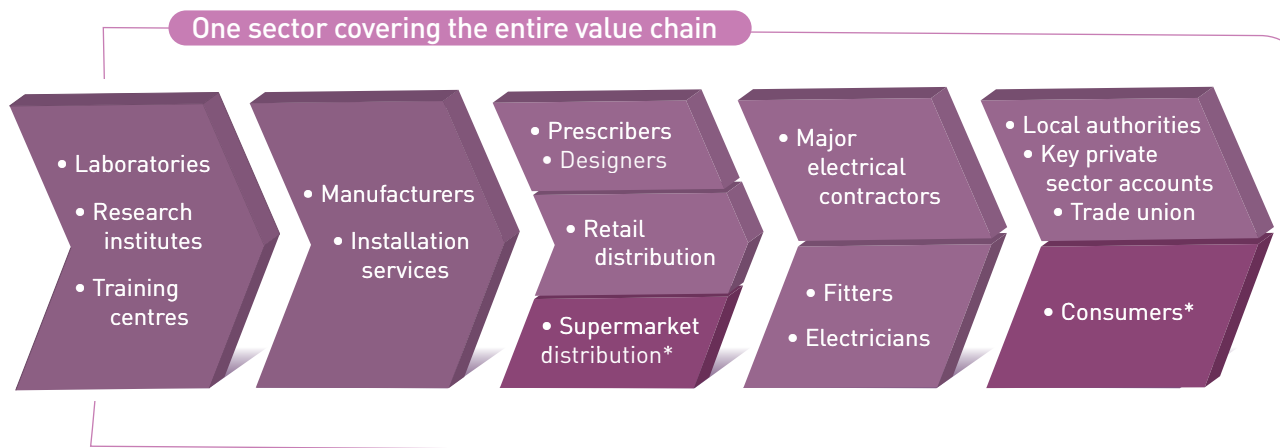
Lighting systems (using natural or artificial light) and equipment, lighting systems fitters, power supply, shop signs/ other signage, lighting control and tele-management software, components and sub-contractors (electronics, optics, plastics, metal-working).

Users /prescribers

Lighting designers, designers, architects, engineering and design consultancies, main contractors, project owners, electrical installation and maintenance, public services, distributors of lighting equipment, fitters, electricity suppliers.

Not-for-profit/public interest bodies (public or private sector)

Local and regional authorities, chambers of commerce and industry, trade unions, voluntary associations, trade fairs and conferences.



*Do not fall within the scope of the Cluster Lumière

The lighting market

Interior lighting

Offices, apartments, hospitals, educational establishments, commercial premises, entertainment venues, museums, car parks etc.

Outdoor lighting

Street lighting, public highways, parks, monuments, buildings, tunnels, road safety lighting...

Special lighting

Shop signs, signage, signposting/marketing, rolling stock, special uses, displays, lighting solutions for interior storage spaces, kitchens and bathrooms, the health sector, advertising/promotional displays etc.

A commitment of shared values and principles

- 1- Improving mankind's lighting environment
- 2- Developing innovative and eco-efficient lighting solutions.
- 3- Achieving optimal use of artificial lighting
- 4- Promoting quality control and standardisation of lighting equipment and fixtures.



The Cluster Lumière in action

The Cluster Lumière aims to help its members grow by means of a concrete, collaborative approach directed towards:



Demonstration

DEDRA: Urban Lighting Demonstration Project managed by CSTB laboratories based on representative towns in order to find reliable and energy saving lighting solutions.

2010 Shanghai Universal Exhibition: Real demonstration of the know-how of the Cluster's companies with lighting installations put in place for the UBPA zone (Urban Best Practices Area) at the exhibition.



R & D Projects and innovation

Pacte LED: This program supported by a consortium composed of ENTPE-CNRS, CEA, LNE and CSTB laboratories, coordinated by Ingelux (Engineering) is dedicated to developing SSL lighting solutions for replacing halogen downlights.

SSL lighting innovation Platform: Launched in early 2011 under the initiative of the Cluster Lumière, the SSL lighting innovation platform is dedicated to support and advise companies for their SSL lighting solution design and development.

PISE – Innovation platform dedicated to lighting solutions, this platform to be launched in 2012 aims at providing testing tools and expertise in order to develop innovative lighting solutions.



European collaboration

European Lighting Clusters Alliance, formed by Cluster Lumière Lyon and The Danish Lighting Innovation Network in 2011, the alliance has the ambition to strengthen the collaboration amongst lighting actors in Europe.



International events

ILW- International light Week, the largest professional event in the field of lighting in France (300 exhibitors and 14.000 visitors) LumiVille : International trade show for public lighting, outdoor lighting and illuminations.

ForumLED: International conferences and expo for the LED market and technologies.

principles

environment.
efficient

light.
modernisation



Research, development and training programs

- . CEA Commission for Atomic Energy (public research on the LED technology)
- . CERTU Research Center on Transport Safety, Urbanism and Public Constructions (research on lighting technologies)
- . CSTB Scientific and Technical Centre for Building (Standards and qualification in lighting)
- . ENTPE National School of Civil Engineering (research on lighting in civil engineering)
- . ESISAR GRENOBLE INP – RFT Lab (Radio frequency and EMC laboratory)
- . IAE Institute of Business Administration (manufacture and management of lighting systems)
- . Institut d'Optique Graduate School (training and research in all fields of optics)
- . Laboratoire des Matériaux Inorganiques - Laboratory of Inorganic Materials (Research on phosphor)
- . LAPLACE Laboratory on plasma and conversion of energy
- . LNE Laboratoire National d'Essais (National testing laboratory)
- . INSA LYON National Institute for Transport and Safety Research (research on urban lighting and strategies)

The founders members:



PHILIPS

Partners :



GRANDLYON
communauté urbaine

Rhône-Alpes
Région

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