



CONNECTING CITIES WITH LIGHT IN 2017

ANNUAL REPORT





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EDITORIAL



Mary-Ann Schreurs
Vice Mayor of Eindhoven
President of LUCI

In 2017, LUCI turned 15 years young. A fantastic occasion to be proud of many accomplishments and to celebrate this anniversary together. But also an opportunity to keep strengthening our network for the future.

In line with the LUCI Strategic Plan, we have expanded our reach to even more cities around the world, especially by organising in Dakar our first ever conference on Urban Lighting in African Cities. In Seoul, for the first time, the LUCI Regional Office for Asia organised a workshop dedicated to Asian cities. Our international city-to-city cooperation dynamic has also been strong this year with very successful events in Amsterdam, Durham and Lyon.

We have started new projects in collaboration with knowledge institutions that will bear fruit in the coming months, such as the important “Pathways to Smart Urban Lighting” initiative.

As we share our vision of the vast potential of urban lighting for a beautiful, safe, sustainable and intelligent city for all, LUCI will continue to be the voice of cities, build meaningful dialogue within the lighting profession, and co-create initiatives so that we can all be ready for what’s next.

We need you to be involved for (at least!) the next 15 years! Let’s do it together, as we have done until now. I look forward to working with you in 2018.

“Cities of the world recognise that light makes a critical difference to our quality of life: it needs to be integrated as an intelligent main component in various aspects of their public policies.

To achieve this goal, LUCI works as a knowledge-exchange platform and nurtures international city-to-city cooperation on light and urban lighting.”

Mission and Vision from the LUCI Strategic Plan [2017 - 2027]





LUCI NETWORK

Created in 2002 at the initiative of the City of Lyon, LUCI (Lighting Urban Community International) is the international network of cities on urban lighting.

LUCI brings together 74 municipalities across the world, committed to using light as a tool for sustainable development. These cities are joined by 39 associated members, including lighting professionals, companies, and universities.

Through the organisation of international events and conferences, and its involvement in various lighting projects and research, LUCI creates spaces for exchange of knowledge and good practices in sustainable urban lighting.

< Welcome Reception
in Durham Cathedral - LUCI
Annual General Meeting

LUCI MEMBERS



▲ Canton Tower, Guangzhou, China

74 MEMBER CITIES

- › Abomey (Benin)
- › Agii Anargiri-Kamatero (Greece)
- › Albertslund (Denmark)
- › Alingsås (Sweden)
- › Amsterdam (The Netherlands)
- › Ans (Belgium)
- › Batumi (Georgia)
- › Brussels-Capital Region (Belgium)
- › Bucharest (Romania)
- › Budapest (Hungary)
- › Busan (South Korea)
- › Chartres (France)
- › **Chicago (USA)**
- › Copenhagen (Denmark)
- › Cordoba (Spain)
- › **Dakar (Senegal)**
- › Derry-Londonderry (United Kingdom)
- › Dubrovnik (Croatia)
- › Durham (United Kingdom)
- › Eindhoven (The Netherlands)
- › Eskilstuna (Sweden)
- › Galway (Ireland)
- › Genève (Switzerland)
- › Ghent (Belgium)
- › Glasgow (United Kingdom)
- › Gothenburg (Sweden)
- › Guangzhou (China)
- › Gwangju (South Korea)
- › Hambourg (Germany)
- › **Hancheng (China)**
- › Helsingborg (Sweden)
- › Helsinki (Finland)
- › Ho Chi Minh City (Vietnam)
- › Hue (Vietnam)
- › Jelenia Gora (Poland)
- › Jericho (Palestine)
- › Jerusalem (Israel)
- › **Jinju (South Korea)**
- › Jyväskylä (Finland)
- › Leipzig (Germany)
- › Liege (Belgium)
- › Luxembourg (Luxembourg)
- › Lyon (France)
- › Malaga (Spain)
- › Marseille (France)
- › Medellin (Colombia)
- › Moscow (Russia)
- › Novi Sad (Serbia)
- › Osaka (Japan)
- › Ouagadougou (Burkina Faso)
- › Oulu (Finland)
- › Owerri (Nigeria)
- › Paris (France)
- › Puebla (Mexico)
- › Putrajaya (Malaysia)
- › Rabat (Morocco)
- › Ramallah (Palestine)
- › Reykjavik (Iceland)
- › Rotterdam (The Netherlands)
- › Saint Paul de Vence (France)
- › Seoul (South Korea)
- › Shanghai (China)
- › Skopje (Macedonia)
- › Stavanger (Norway)
- › Strasbourg (France)
- › Tallinn (Estonia)
- › Tartu (Estonia)
- › Toulouse (France)
- › Turin (Italy)
- › Ust-kamenogorsk (Kazakhstan)
- › Valladolid (Spain)
- › Varna (Bulgaria)
- › Yala (Thailand)
- › Yerevan (Armenia)

* New members in bold



NEW LUCI MEMBER CITIES



CHICAGO – USA

Chicago, on Lake Michigan, is the third most populous city in the United States. The city, which is known for its bold architecture and unique skyline, joined LUCI in spring 2017.

The city is working on implementing the ambitious Chicago Smart Lighting Project, an outdoor lighting modernisation initiative designed to improve the quality and reliability of outdoor lighting. In addition to a large-scale conversion of the city's existing HPS lighting to LED lighting, the project will include a lighting management system.

Chicago has also recently completed an award-winning initiative illuminating its riverwalk area to reclaim the river banks and create a pleasant and welcoming new space for citizens.



DAKAR – SENEGAL

Dakar, the capital of Senegal and one of the economic and cultural hubs of West Africa with a population of over 1.14 million, is the latest city to join LUCI.

The city was the host of the "Urban Lighting in African Cities" conference organised with LUCI in May 2017.

Public lighting is a strategic priority for sustainable development for Dakar. The municipality has been constantly improving its urban lighting over the years and the number of lighting points in Dakar has increased from 19 000 to 40 000 from 2002 to 2017.



HANCHENG – CHINA

Hancheng is a city in northwest China's Shaanxi Province, with a population of around 385 000 people.

A historically significant city, it is home to several historic mansions and streets as well as over 140 protected historical sites that range from the Tang to the Qing dynasties. One sixth of surviving ancient architectures of Yuan Dynasty (1271 - 1368) in China are now in this city.

The city hosts the Belt and Road International Lighting Art Festival from February to May every year, which features numerous lighting installations, lanterns, float parades, 3D light shows and interactive entertainment.



JINJU – SOUTH KOREA

The City of Jinju, with over 350 000 inhabitants and known for its dynamic economy and industry, is the central hub of the southern region of Korea.

It joined LUCI in May 2017. "We are very pleased to be part of the LUCI network and join cities around the world that improve their urban spaces with light. We have a strong focus on light in Jinju and we look forward to learning more" says Changhee Lee, the Mayor of Jinju.

The lighting master plan of the city aims to establish a lighting environment where people can enjoy life and culture at night as a result of energy efficient and well-designed urban lighting. The city is also well known for its annual Namgang Yudeung Festival, one of the most popular light festivals in Korea.

39 ASSOCIATED MEMBERS

6 SUPPORTING ASSOCIATED MEMBERS



› France



› Belgium



› France



› Germany



› The Netherlands



› United Kingdom



› Italy



› France



› Russia

33 ORDINARY ASSOCIATED MEMBERS



› The Netherlands



› United Kingdom



› France



› France



› Poland



› Finland



› France



› France



Creative Director, Artist & Curator

› United Kingdom



› Canada



› France



› Germany



› Finland



› China



Where innovation starts

› The Netherlands



› Switzerland



› France



› Germany



› France



› Canada



› Portugal



› Belgium



› France



› United Kingdom



› Russia



› France



› China



› Canada

New Members

PROMOTING A CULTURE OF SUSTAINABILITY IN LIGHTING

The LUCI Charter on Urban Lighting marks the network's commitment to sustainable development.

The Charter addresses challenges common to all: energy efficiency, improvement of the quality of life, reduction of light pollution, maintenance, recycling, the cultural and social dimensions of light, etc. Above all, it provides a reference framework within which cities can develop their own sustainable lighting strategies.

The Charter is the product of contributions from more than 40 cities around the world. It was launched in September 2010, after over a year of work led within the network by the City of Leipzig (Germany).

By signing the LUCI Charter, cities commit to implementing public lighting policies that respect sustainable urban development.

In 2017, eight new cities signed the LUCI Charter on Urban Lighting. Representatives from Abomey, Bamako, Chefchaouen, Dakar, Ouagadougou, Porto Novo, Rabat and Saint-Louis declared their commitment to sustainable urban lighting during the conference "Urban Lighting in African Cities", held in Dakar on 23 - 24 May 2017 (see p.32).

"We strongly believe that urban lighting, with its capacity to organise and stimulate urban activities, to enhance cities and their urban spaces and to increase the quality of life of their inhabitants, can contribute positively to building sustainable cities."

From the LUCI Charter on Urban Lighting



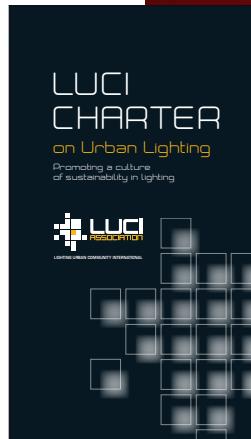
New signatory cities >
of the LUCI Charter

59

SIGNATORY CITIES

- › **Abomey (Benin)**
- › Agii Anargiri-Kamatero (Greece)
- › Albertslund (Denmark)
- › Alingsås (Sweden)
- › Amsterdam (The Netherlands)
- › **Bamako (Mali)**
- › Brussels (Belgium)
- › Bucharest (Romania)
- › Budapest (Hungary)
- › Chartres (France)
- › Changwon (South Korea)
- › **Chefchaouen (Morocco)**
- › Copenhagen (Denmark)
- › **Dakar (Senegal)**
- › Derry-Londonderry (United Kingdom)
- › Dubrovnik (Croatia)
- › Durham (United Kingdom)
- › Eindhoven (The Netherlands)
- › Eskilstuna (Sweden)
- › Galway (Ireland)
- › Ghent (Belgium)
- › Glasgow (United Kingdom)
- › Gothenburg (Sweden)
- › Guadalajara (Mexico)
- › Gwangju (South Korea)
- › Hamburg (Germany)
- › Helsinki (Finland)
- › Jerusalem (Israel)
- › Jyväskylä (Finland)
- › Leipzig (Germany)
- › Le Havre (France)
- › Liege (Belgium)
- › Lyon (France)
- › Marseille (France)
- › Medellin (Colombia)
- › Morelia (Mexico)
- › Moscow (Russia)
- › Novi Sad (Serbia)
- › Osaka (Japan)
- › Oslo (Norway)
- › **Ouagadougou (Burkina Faso)**
- › Oulu (Finland)
- › Owerri (Nigeria)
- › Pau (France)
- › Paris (France)
- › Perth (Australia)
- › **Porto Novo (Benin)**
- › Puebla de Los Angeles (Mexico)
- › Rabat (Morocco)
- › Rome (Italy)
- › Rotterdam (The Netherlands)
- › Seoul (South Korea)
- › Saint-Etienne Métropole (France)
- › **Saint Louis (Senegal)**
- › Saint Paul de Vence (France)
- › Taxco de Alarcon (Mexico)
- › Tallinn (Estonia)
- › Valladolid (Spain)
- › Wuxi (China)

* New signatory cities in bold



"The fight against climate change is an environmental issue that engages us, as local authorities, to make public lighting a strategic priority for sustainable development. We are pleased to express our commitment to sustainable development to the world by signing the LUCI Charter on Urban Lighting."

— Soham El Wardini

First Deputy Mayor of Dakar

"I am pleased to be among these pioneering cities in Africa, the first on the continent to sign the LUCI Charter and join cities worldwide that have realised that quality urban lighting not only saves energy and money, but also changes cities for the better and improves the lives of the people living in them."

— Mary-Ann Schreurs

Vice Mayor of Eindhoven

President of LUCI

NEW PARTNERSHIPS



"Public lighting needs to be a multi-lateral, multi-layered co-construction between cities, industry, researchers and lighting designers. We look forward to strengthening the relationship between LUCI and IALD."

– Mark Burton-Page
General Director of LUCI

"The Friendship Agreement asserts our intention of exchanging information and increasing collaboration between our two organisations. More cooperation between LUCI and the IALD will foster better projects and developments in cities worldwide."

– Victor Palacio
President of IALD

FRIENDSHIP AGREEMENT WITH IALD

In October 2017, LUCI signed a Friendship Agreement with the International Association of Lighting Designers (IALD). The signing ceremony was held during IALD Enlighten Americas 2017, in Denver (USA).

The Friendship Agreement acknowledges the common goals that unite the two organisations: LUCI and IALD recognise the importance of light and lighting design in the planning and development of urban spaces, and that quality of light is essential to quality of life.

The Friendship Agreement encourages the two organisations to promote cooperative discussion, efforts and activities to raise awareness about the crucial role of light in architectural and urban design.

It also constitutes the first step towards initiating a structured dialogue between cities and lighting designers worldwide.

About IALD



The International Association of Lighting Designers (IALD), established in 1969, is an international organisation supporting a network of more than 1400 lighting design professionals who satisfy its rigorous qualification process. Its members are distinguished by a unique blend of aesthetic and technical expertise, and operate at the highest level of integrity to create a better world through leadership and excellence in lighting design; to cultivate the universal acknowledgement and appreciation of the Power of Light in human life. www.iald.org



MEMORANDUM OF UNDERSTANDING WITH CONFIGURING LIGHT, LONDON SCHOOL OF ECONOMICS

In November 2017, LUCI signed a Memorandum of Understanding with the Configuring Light research group of the London School of Economics (LSE). The signing ceremony was held during the General Assembly of the network, in Durham (United Kingdom).

The agreement marks a shared commitment to work together to move lighting up the social and political agenda as a central aspect of urban life and well-being. It brings together the city and industry networks of LUCI along with the academic expertise of Configuring Light, LSE.

The LUCI General Assembly was also the opportunity to launch "Pathways to Smart Urban Lighting", the first joint research project of LUCI and the LSE, with support from Osram. The study aims to show how municipalities worldwide understand intelligent lighting. It will be implemented in 2018. (see p. 44)

"This is the beginning of a long-term relationship with LUCI – we have major overlapping interests in bringing together social research, governance, technology, and design to move lighting up the social agenda as a central aspect of urban life and well-being."

— **Don Slater**
Associate Professor
in Sociology at LSE

About Configuring Light



Configuring Light is an interdisciplinary research programme based in the Sociology Department at the London School of Economics and Political Science (LSE). It explores the role lighting plays in our everyday life to help build a better social knowledge basis for lighting design interventions. www.configuringlight.org





LUCI PILLARS

The LUCI Strategic Plan [2017-2027] introduces new building blocks for the organisation: the LUCI Pillars.

The LUCI Pillars reflect some of the main challenges faced by cities today and the potential solutions that an optimal use of light can bring: Health & Wellbeing, Public Spaces, Social Cohesion, Art & Culture, and Governance.

The LUCI Pillars are spaces where each member of the network can be involved, they are cross disciplinary platforms designed to develop collaborative initiatives and projects within LUCI. The pillars aim to be catalysts for innovation and creativity.

The activities within each pillar will be rooted in LUCI's approach to urban lighting based on the guidelines of the LUCI Charter, mainly:

- > Sustainable lighting as a working culture
- > Limitless opportunities with innovative and smart technologies in lighting
- > Citizen-focused lighting

City of Eindhoven



HEALTH & WELLBEING



At LUCI, we believe that light can act as a major stimulus to help cities address issues related to health & wellbeing and mitigate the negative side-effects of modern daily life.

• Herstedlund Community House in Albertslund

Ensuring health and wellbeing of each citizen is a fundamental priority of every city.

The non-visual impacts of light at all hours can affect our mood, behaviour and our circadian rhythm. Light pollution can also have negative impacts on human wellbeing. With innovative lighting solutions, cities can improve the lives of the most vulnerable citizens, e.g. in schools or nursing homes. The right indoor and outdoor lighting contributes to providing people with healthier, secure and comfortable environments.

- **Objectives and activities**

The objective of this relatively new topic for LUCI is to gather and share existing practices, initiatives and experience among cities. We would like to spark international discussion within LUCI members on the importance of these issues, and build upon this expertise to develop our common knowledge.

- **Leaders and partners**

The City of Albertslund (Denmark) is the co-leader of this pillar.

LUCI CONFERENCE

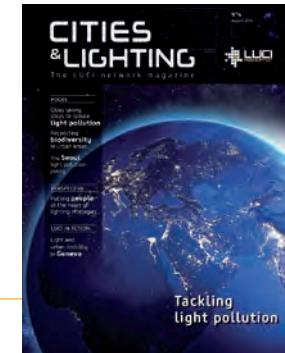
An Open Conference session was held during the AGM Durham to explore how to develop living labs and study the impact of new “human centric” lighting technologies.

THE LIGHTEL PROJECT IN ALBERTSLUND aims to determine how intelligent and sustainable circadian indoor lighting can improve the well-being of elderly with dementia in care homes.



LUCI PUBLICATION

The main focus section of the Cities & Lighting Magazine n°4 was **“TACKLING LIGHT POLLUTION”**. It featured examples from cities around the world addressing issues related to light pollution, including how to preserve dark skies, biodiversity and manage light clutter.



Grand prize winner of the 2015 Seoul light pollution photo contest ↗





PUBLIC SPACES



At LUCI, we believe that light can be the enabler of new applications and services in the public space, and it can even help reconstruct the notion of public space itself.

• Kaupunginkirkko,
Jyväskylä

Public spaces are the beating heart of the city. They are the spaces where people – inhabitants and visitors alike – experience the city, its architecture and its infrastructure.

Developing good lighting policies for public spaces has the power to enhance urban structures and areas. It can create distinctive ambiances and nightscapes. Light can help citizens to navigate the spaces they inhabit or visit, and can be a powerful tool to support a smart and environmentally-friendly mobility. It can contribute to an attractive, functional and secure living environment, and boost identity and experience for residents and tourists.

- **Objectives and activities**

LUCI seeks to advance our common knowledge of the role of light in public spaces by creating innovative tools to enhance the exchange of information on this topic.

- **Leaders and partners**

This pillar is led by the City of Jyväskylä (Finland) and co-led by the City of Seoul (South Korea) and Glasgow (United Kingdom).

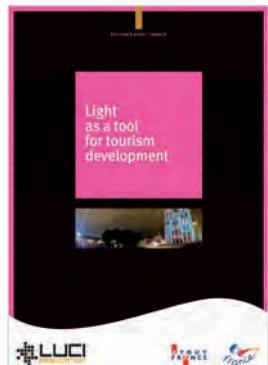
LUCI CONFERENCE

At the LUCI AGM in Durham, **AN INTERNATIONAL PANEL DISCUSSION** dealing with the use of light for city attractiveness was held, raising issues such as the boost of tourism and quality of life that can be favoured by illuminated heritage or light festivals.

Elisa Hillgen moderated an international panel discussion on using light for city attractiveness



LUCI PUBLICATION



LIGHT AS A TOOL FOR TOURISM DEVELOPMENT, a publication realised by LUCI in partnership with Atout France, identifies key factors that determine how a lighting strategy can contribute to the touristic development of a destination.
› 136 pages – English and French – 2012

Korenlei, the corn quay, Ghent





SOCIAL COHESION



▲ Craigend and Garthamlock
Water Towers, Glasgow

At LUCI, we believe that light is an enabler of urban regeneration and social sustainability, and that it is a powerful and creative tool for citizen participation.

In order to nurture social interaction, people and places should be connected throughout the city.

In today's increasingly digitised societies, light can encourage people to identify with each other as users of the same city and interact in the space around them, especially during night-time. Light contributes to bonding people and bridging gaps regardless of age, ethnicity, gender, religion, level of income, etc. Freely and equally accessible light can also improve quality of life throughout the entire city. Citizen participation and interaction are a major goal in the management of local public policies to enable a user-focused city. Urban lighting can help to foster social cohesion by concretely involving communities.

- **Objectives and activities**

The activities in this Pillar will explore how light can support community engagement, urban regeneration and placemaking processes. We will favour innovative learning methods to develop ideas and solutions in a participatory approach.

- **Leaders and partners**

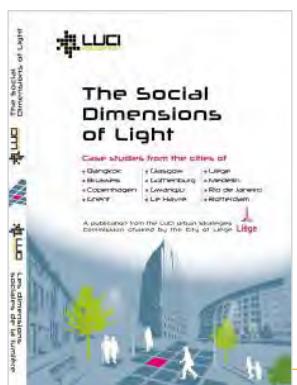
This pillar is led by the City of Glasgow (United Kingdom) and co-led by the city of Gothenburg (Sweden).

LUCI CONFERENCE

During one of the Open Conference sessions at the LUCI AGM in Durham, **THE TEST UNIT WORKSHOP FROM GLASGOW** was presented. It was designed as a collective learning opportunity for citizens to prototype responsive lighting for the Canal Gateway.



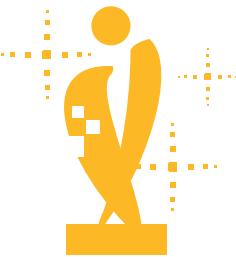
LUCI PUBLICATION



THE SOCIAL DIMENSIONS OF LIGHT aims to define the concept of social lighting and draws attention to concrete experiences and exemplary practices with case studies from 12 cities worldwide.
 > 230 pages - English and French - 2011

Case study of Medellin – light festival





ART & CULTURE

Art is an essential driving force that inspires urban leaders to develop their city and to deliver diversity to the culture and identity of the city.

Both permanent urban lighting and light festivals can help cities showcase urban creativity. Light becomes a playful material for all, a tool to explore people's needs and dreams for their own city. Light combined with art reinforces the cultural identity of a city and is a clear asset to any urban lighting strategy.

At LUCI, we believe that light can be the way to develop art and culture in the urban space and transform the way we live and experience our cities.

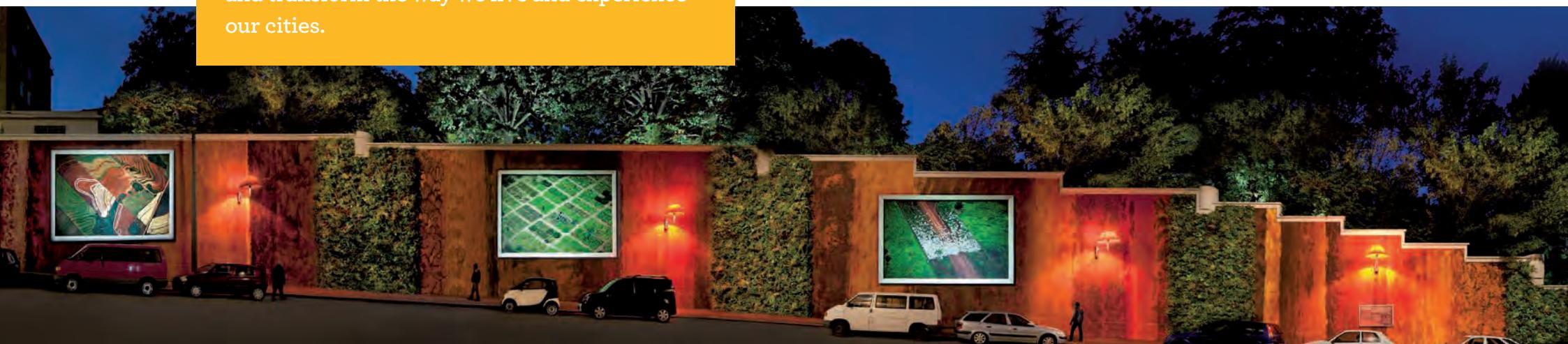
- **Objectives and activities**

The main goal is to open the field of creative lighting to new artistic forms in both permanent and festival lighting. The activities in this Pillar will explore how a co-creation approach can be implemented among the members of the network for example, through structured exchange and peer-to-peer capacity building sessions.

- **Leaders and partners**

The City of Lyon (France) is the leader of this pillar. The City of Gothenburg (Sweden) is the co-leader of this pillar.

▼ Annonciade wall, Lyon



LUCI PUBLICATION**LIGHT & ART IN PUBLIC SPACES**

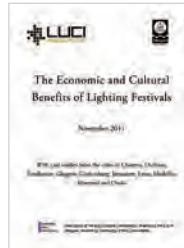
demonstrates how light and art – from creating a piece of public art with light, to lighting an existing work of art, to illuminating urban underpasses, or transforming buildings into landmarks through light – offer multiple opportunities to cities.

> 68 pages – English – 2016

**LUCI PUBLICATION****THE ECONOMIC AND CULTURAL BENEFITS OF LIGHT FESTIVALS**

is the result of a study realised by LUCI. It includes information on how cities measure and demonstrate the economic, social and cultural impacts of their light festivals.

> 103 pages – English – 2011

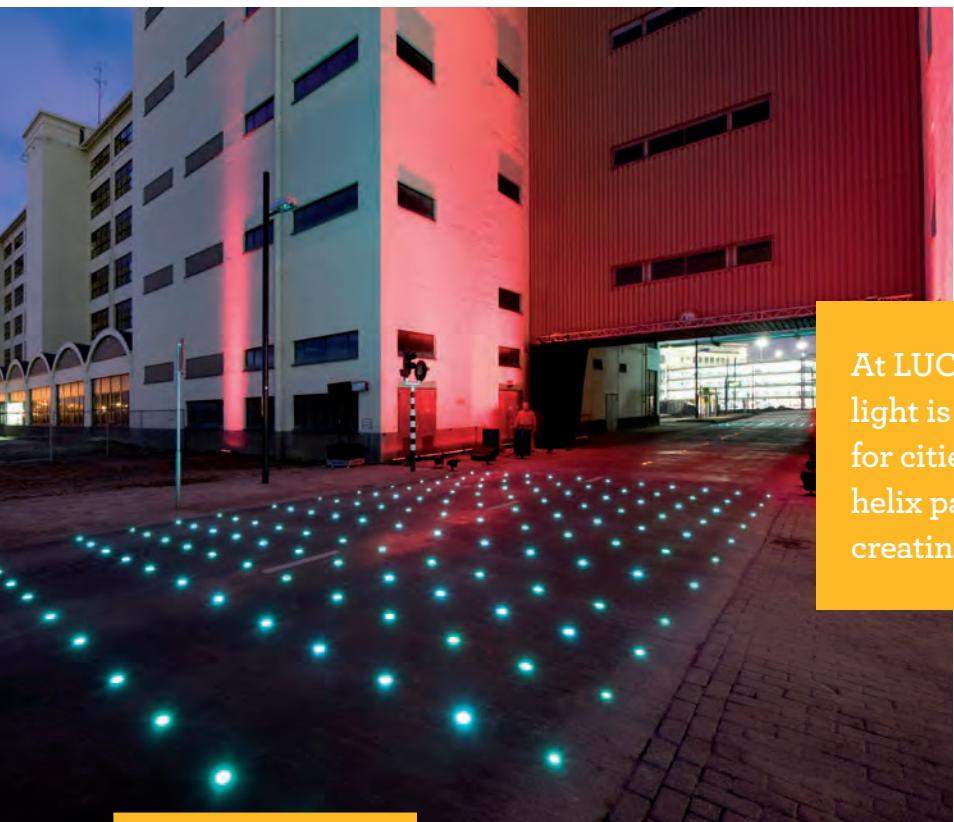
**LUCI EVENT****THE LYON LIGHT**

FESTIVAL FORUM: “At the Frontiers of Light”, reflected on the new territories that light, as an artistic medium, enables us to conquer, and how it helps foster innovation and creativity in both permanent and event lighting. (See p.36)

Meeting with the organisers of the Fête des Lumières, Lyon



GOVERNANCE



At LUCI, we believe that light is a major opportunity for cities to develop multiple helix partnerships that aim at creating societal added value.

Local governments are in the best position to frame and manage a number of public services that increasingly need to be user-focused.

Cities are at the heart of innovation, procurement, implementation, maintenance and evaluation of effective lighting strategies. They are in a position to better understand the implications of new lighting technologies, and develop with all their partners inclusive, balanced and effective strategies for their citizens. Governance issues focus on lighting to increase the quality of life, and smart lighting strategies as meaningful solutions to transform cities.

- **Objectives and activities**

Our objective is to encourage a worldwide discussion about governance of lighting in cities in order to foster an open and transversal dialogue around these topics. We will explore, develop and help cities deploy new strategies based on local experiences and with the engagement of public and private stakeholders.

- **Leaders and partners**

The City of Eindhoven (The Netherlands) is the leader of this pillar. The City of Lyon (France) is the co-leader of this pillar.

LUCI CONFERENCE

At the LUCI AGM in Durham, **A PANEL OF INTERNATIONAL SPEAKERS** discussed intelligent urban lighting strategies focussing on how the Internet of Things could improve the quality of life for cities' inhabitants.

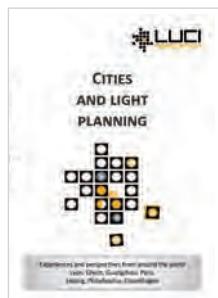
International panel discussion >
on intelligent urban lighting strategies



LUCI PROJECT

One of the objectives of **THE EU PROJECT "ROCK"** in partnership with the City of Lyon is to explore governance issues related to the regulation of private lights in public spaces. (see p. 42)

LUCI PUBLICATION



CITIES & LIGHT PLANNING brings together LUCI member cities' perspectives, challenges and strategies regarding light planning. It was compiled by LUCI in partnership with INSA - university of Lyon.

> 114 pages - English and French
- 2010

LUCI PROJECT

THE "PATHWAYS TO SMART URBAN LIGHTING" PROJECT in partnership with the London School of Economics (Configuring Light) will help cities better assess the challenges and possibilities of smart lighting. (see p. 44)

LUCI PUBLICATION



PLUS REVIEW brings together best practices in sustainable lighting from cities of the PLUS EU Interreg IVC project (2010 - 2012), in which LUCI was partner.

> 30 pages - English - 2012



LUCI EVENTS

LUCI offers spaces for cities to exchange experience and know-how by organising events, conferences and meetings around the world.

The LUCI Annual General Meeting is the international forum for cities on urban lighting. It brings together city representatives and lighting professionals for the LUCI General Assembly. It is also the opportunity to attend conferences, working group meetings, open conference sessions, and to discover the host city and its lighting policy.

The LUCI City under Microscope offers the opportunity for participants to discover the lighting strategy of a member city over a two-day period. With technical conferences on urban lighting and field visits, this is a chance to experience a city in its best light!

The Lyon Light Festival Forum brings together municipal representatives, artists, lighting designers and other light festival professionals. The aim is to discuss the issues related to temporary and event lighting, with conferences and receptions.

In 2017, LUCI organised for the first time two regional workshops. The Conference on Urban Lighting in African Cities in Dakar brought together city officials and municipal lighting professionals from West African cities. The Asia Urban Lighting Workshop in Seoul provided public lighting decision-makers from the region an overview of the benefits and challenges of sustainable urban lighting.

< Gateshead Quayside site visit,
during the LUCI AGM

LUCI ANNUAL GENERAL MEETING

DURHAM, UNITED KINGDOM

13 – 16 NOVEMBER

Key event of the LUCI calendar, the LUCI AGM provides the opportunity for lighting professionals to share experiences, exchange know-how and learn from each other. This year the LUCI network gathered in Durham, Place of Light, for the 15th anniversary of the network!



“Durham is a relatively small city, but we have a strong record in light: we are promoting ourselves as ‘Durham, place of light’ and we have the Lumière festival every two years, which is now the largest light festival in the United Kingdom. Along with many other cities in the LUCI network, Durham is really going places with light. It has been wonderful to welcome such a prestigious conference and show the positive impacts that light has had on our city.”

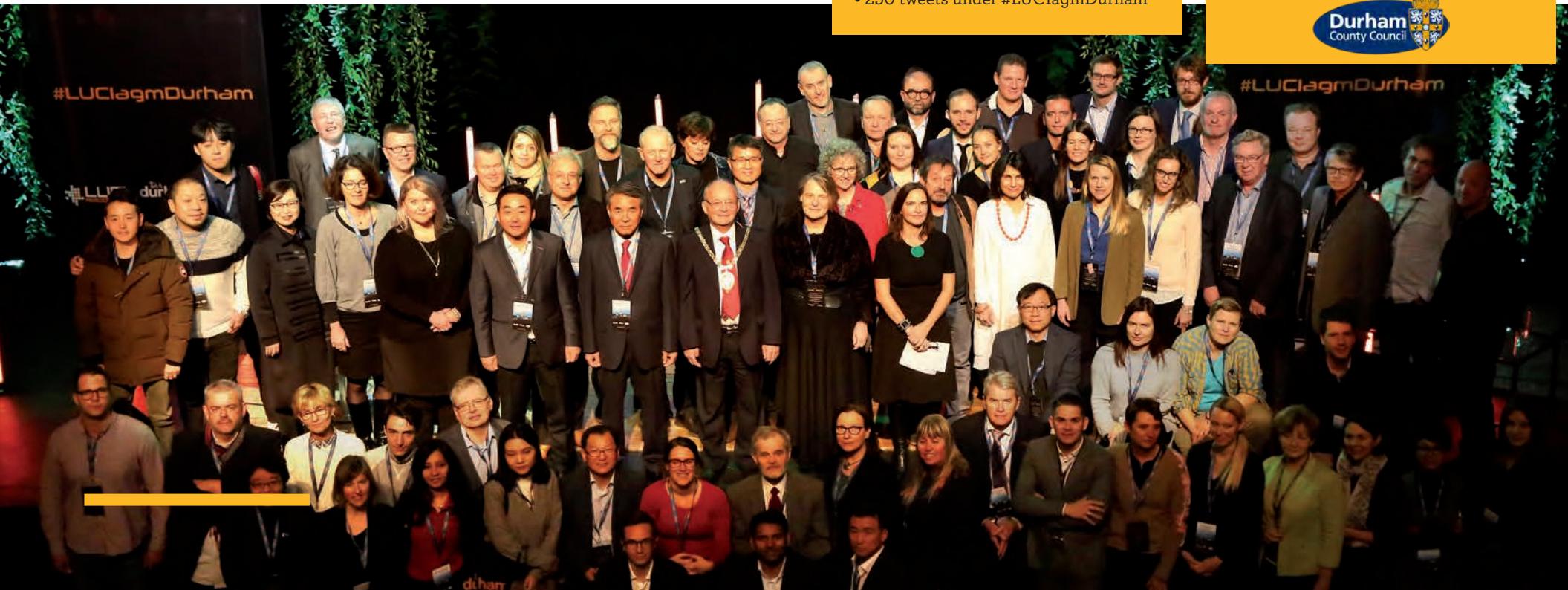
– **Councillor Simon Henig**
Leader of Durham County Council

EVENT AT A GLANCE

- 140 participants from 19 countries, representing 30 cities
- Over 30 speakers
- 3 night-time visits & 1 gala dinner to celebrate LUCI 15th Anniversary
- 250 tweets under #LUCIagmDurham

DURHAM AT A GLANCE

- LUCI member since 2014
- North East England, United Kingdom
- 48 000 inhabitants
- UNESCO World Heritage Site (Cathedral & Castle)





This is Durham, Place of Light

The AGM was an opportunity for Durham County Council to present its global strategy to transform itself using light.

Participants learned how light could be used as a tool for economic regeneration through presentations from Durham's tourism and business marketing stakeholders. A former stronghold of the mining industry, Durham showed how it is making strides in its carbon reduction programme through a more sustainable approach to lighting for its heritage sites and through street lighting retrofit projects.

Since 2009, Durham hosts Lumiere, the United Kingdom's largest light festival. In 2017, several installations showcased the beauty of the Cathedral and Castle UNESCO World Heritage Sites, as LUCI members discovered during night-time walking tours through the Lumiere festival.

County Durham is also home to the Thorn Academy of Light, in Spennymoor. A supporting associated member of LUCI, Thorn welcomed participants for a workshop focusing on lighting strategies and their impact on urban lives.

Using light for city attractiveness

 As Durham learned through active place branding, light can be a powerful tool to enhance a city's image and attractiveness. An international panel discussion presented a large array of urban lighting initiatives - from temporary and permanent lighting installations, to community-based experiences and city-wide projects - to exemplify how lighting can change the perception of a city, for inhabitants and visitors alike.

Intelligent urban lighting “from IoT to QoL”

 A second international panel discussion focused on intelligent urban lighting strategies that cities are now developing across the world. It aimed to understand how the Internet of Things (IoT) can improve quality of life (QoL) for citizens. This crucial question sparked a lot of conversations within the audience about how technological innovations could benefit the way we conceive and construct cities and how this has an impact on citizen's lives.

The open conference sessions

17 speakers participated in the Open Conference Sessions, a forum that gives a floor to cities' initiatives, innovations and new research projects.

The presentations came from member cities Glasgow, Jinju, Albertslund, Dubrovnik, Ghent, Oulu and Rotterdam, but also from companies, academia, and a local network of light festivals (Light Up the North). Topics ranged from the use of "scenario planning" to imagining the future of cities, to connected public lighting as an enabler for urban IoT systems, to the work of Lighting Designers without Borders in Haiti.

THE GENERAL ASSEMBLY: A KEY MOMENT FOR THE LUCI NETWORK

The main occasion to discuss the network's actions and perspectives, the General Assembly was the opportunity for LUCI members to look back on the events and activities held over the past year and learn about the network's next steps.



“Every city uses light in a different way, and when it comes to night-time economy, there are so many ways to make sure that you use light in a pleasant way for people to feel safe, for residents to feel safe. And having this international network really makes sure that we can prepare our cities for the future.”

– Mirik Milan

Night Mayor of Amsterdam



EVENT AT A GLANCE

- 155 participants from 23 countries, representing 24 cities
- 35 speakers
- 7 conference sessions, 16 “break-out sessions”, 3 night-time visits
- 94 tweets under #LUCIcmAmsterdam

AMSTERDAM AT A GLANCE

- LUCI member since 2013
- Capital city of the Netherlands
- 855 896 inhabitants
- 2016 European Capital of Innovation

X Gemeente
X Amsterdam
X

LUCI CITY UNDER MICROSCOPE

AMSTERDAM,
THE NETHERLANDS

20 - 22 SEPTEMBER

In 2017, the LUCI City under Microscope highlighted the City of Amsterdam, presenting its lighting policies, innovations and artistic light installations to LUCI members through conferences, workshops and technical visits.



Lighting a booming city in transformation

 Amsterdam, a dynamic city that welcomes over 17 million visitors each year, is undergoing major urban transformations to cope with its economic and touristic successes and deal with the developmental challenges that lie ahead.

Presentations from key individuals outlined the urban development strategy of the city, the relationship between urban planning and lighting, and the need for lighting design to play a more integral part in Amsterdam's urban planning process.

A session on the Amsterdam light vision, which outlined that all forms of light contribute to the experience of public space and architectural quality – led to discussions on Amsterdam's lighting strategy and the relevance of lighting master plans today.

Another highlight was the presentation of the successful development of a new, more energy efficient luminaire for the classical 19th century "Kroonlantaarn" which lines the canals of the city centre and is essential to maintaining its unique ambiance.



Amsterdam a smart and innovative city

 This was also the opportunity for Amsterdam to show how it is developing as an innovative smart city in several areas: lighting, water and waste, mobility, governance, etc.

Participants learned about the types of innovations that have been achieved so far, what lies ahead, and how governmental and private initiatives can work together for optimal results.

Interactive sessions featured some of the pilot initiatives taking place in the Port of Amsterdam, Amsterdam's circular economy goals, as well as the city's innovations in asset management for optimal organisation and maintenance of street lighting.

The event also provided a fresh look from a research and scientific perspective on light – how we react to light and how we can influence our environment by adjusting light. It explored the possibilities that technological innovations offer to lighting design and light in the city, as well as the influence of artificial light on biodiversity in the city.

The value of light and art in the city

 The event placed a strong focus on art and light in the city, with inspiring speeches by light artists and designers who have transformed Amsterdam's urban space through public light art.

Speakers addressed why cities should commission light art projects, the added value they bring to how people experience public spaces and some of the challenges faced when realising such projects.

In addition to this focus on permanent light art, the event also featured a presentation of the Amsterdam Light Festival, the keys to its success and its ambitions for the future.



ADAPTATIVE PUBLIC SPACE AND INTERACTIVE LIGHTING



One of the event's most popular sessions was a workshop featuring a creative prototyping session to explore how light can interact with the uses and users of public spaces. Groups of participants imagined various scenarios for a particular location in Amsterdam.

They then designed systems that enabled the public space to adapt to a new purpose or function at a specific moment with the help of lighting and connected urban furniture, thereby creating more adaptive public space for users.

CONFERENCE – URBAN LIGHTING IN AFRICAN CITIES

DAKAR, SENEGAL

23 - 24 MAY

In 2017, LUCI organised a conference in partnership with the City of Dakar on “Urban Lighting in African Cities”, a regional meeting and sharing space, the first of its kind on the continent, to explore good practices and challenges of public lighting in African cities.

EVENT AT A GLANCE

- 99 participants
- 21 cities represented from Africa and Europe
- 24 speakers in 2 roundtables, 2 panel discussions

DAKAR AT A GLANCE

- LUCI member since 2017
- Capital of Senegal, West Africa
- 1 million inhabitants
- New signatory of the LUCI Charter on Urban Lighting



Organised with the support of the AFD (French Agency for Development) and CLSF (Lighting Designers without Borders), the conference aimed to make urban lighting a strategic priority in terms of urban development and bring out the needs, challenges and opportunities facing local authorities in the region.

A new municipal responsibility

 The conference addressed the unique context of the West African region where public lighting is a relatively new undertaking for many cities, having become a municipal responsibility only in the past two decades. These cities, as well as others where public lighting remains in the hands of national electric utility companies, are seeking increasing information and control on street lighting choices.

Developing technical know-how

The discussions during the two-day conference clearly demonstrated that skilled personnel and technical training were in high demand in the region - elements that are essential if municipalities are to efficiently plan, implement and maintain modernised public lighting systems using new LED and solar lighting technologies.

Organised with the support of LUCI supporting associated members - Osram, Philips and Thorn - as well as Lacroix-Sogexi.

The dark side of solar street lighting

A major point of discussion centred on the maintenance of solar street lighting. Several public lighting managers from the region cited maintenance as a major challenge, especially cleaning dust from panels. Some innovative solutions included smart solar lights, developed by local researchers, that transmit alerts when cleaning is necessary. While discussions reiterated that cities incorporate good preventive maintenance policies in all public tenders for solar street lighting projects, it was also suggested that national governments in the region push for the introduction of regulations or standardisations for solar energy equipment.

Learn more about the outcomes of this conference in the Cities & Lighting Magazine n°6.



URBAN LIGHTING WORKSHOP FOR ASIAN CITIES

SEOUL, SOUTH KOREA

29 - 30 JUNE

The workshop, co-organised with the City of Seoul and CityNet, following the opening of the LUCI Regional Office for Asia (LROA), included interactive work sessions, group discussions, networking and site visits. It provided public lighting decision-makers from the region an overview of the opportunities and benefits of sustainable urban lighting.

EVENT AT A GLANCE

- 50 participants from 15 Asian cities
- 2 interactive sessions
- 9 city case studies presented

SEOUL AT A GLANCE

- Capital city of South Korea
- 10 197 604 inhabitants
- Home to the LUCI Regional Office for Asia
- 2010 World Design Capital





Reflecting the many approaches to urban lighting in Asia

Bringing together cities of very different sizes, histories and resources, the workshop gave a strong sense of the varied and complex range of issues that Asian cities need to address when planning and implementing strategic urban lighting.

This was reflected in the presentations of diverse case studies by participating Asian cities such as Da Nang (Vietnam), Jinju and Seoul (South Korea), Semarang (Indonesia), and Yala (Thailand). A full session addressed issues of energy efficiency and climate change. There was also a particular focus on permanent and event light art - media facades, light festivals, etc.

In addition, various presentations emphasised the importance and difficulty of integrating social aspects of lighting into the more economic and technical strategies.

Interactive SWOT and road-mapping sessions

Participants explored these issues through two interactive sessions focused on the practical challenges involved in developing a coherent, robust and sustainable urban lighting strategy.

The first of these sessions involved a SWOT analysis by delegates considering strengths, weaknesses, opportunities and threats identified separately or in common.

A second session, focusing on “Roadmapping for intelligent urban lighting”, was moderated by Professor Don Slater, of the London School of Economics and Rik Van Stiphout, Program Advisor Light & Culture of the City of Eindhoven, with the support of experts from Seoul, LUCI and CityNet.

Participants defined the challenges and goals for urban lighting in their city, outlined the overall vision for urban lighting they aim towards, and mapped the resources and planning needed to unroll that vision over the future.

Common regional challenges and opportunities

The rich and wide-ranging group discussions highlighted several key themes and issues affecting Asian cities today.

Although the cities were of very different sizes and profiles, there was considerable agreement about the main urban lighting problems and priorities. However, the extent to which urban lighting was focused on aesthetic and heritage features as opposed to energy cost savings through LED implementation did vary from city to city - though these issues clearly overlapped in most.

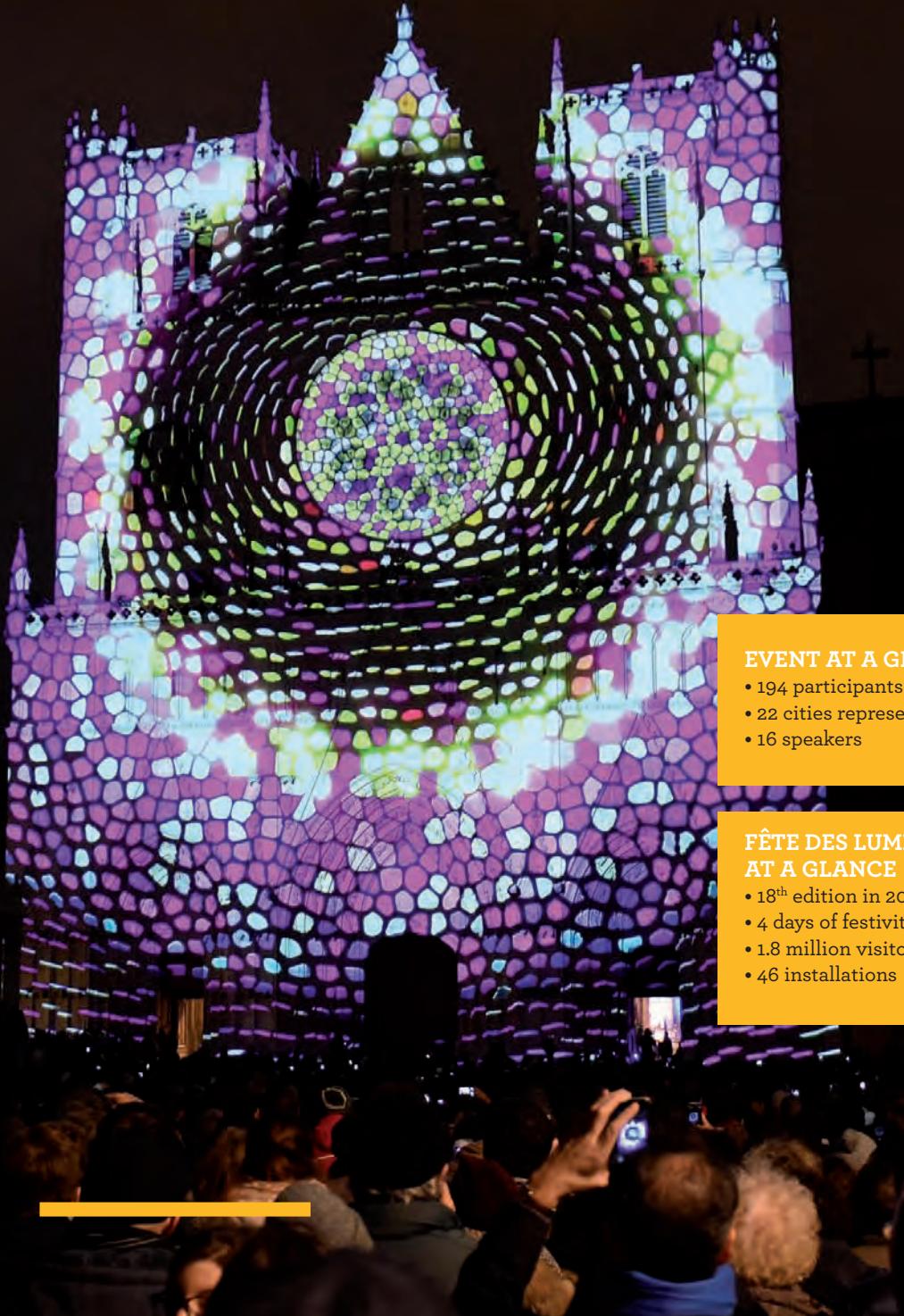
Safety and security issues loomed large as priority issues. However, significant differences emerged in what these terms meant for different cities (e.g., vandalism, ethnic violence, tourism, accidents).

A few cities raised the importance of involving lighting designers in planning urban lighting strategies that are often dominated by engineering and economic considerations.

An overriding concern was how to implement LED technology and reap maximum benefits in terms of both cost saving and control systems. Most cities see this as the main task they face, which leads to an equally common concern with getting the right financial and political resources to meet this challenge.

Many cities emphasised the struggle to make citizens and local authorities aware of the importance of lighting as urban infrastructure.

They all underlined the value of municipal networking, including organisations like LUCI.

**EVENT AT A GLANCE**

- 194 participants from 24 countries
- 22 cities represented
- 16 speakers

**FÊTE DES LUMIÈRES
AT A GLANCE**

- 18th edition in 2017
- 4 days of festivities
- 1.8 million visitors
- 46 installations



LYON LIGHT FESTIVAL FORUM

LYON, FRANCE

6 – 8 DECEMBER

In December 2017, LUCI and the City of Lyon organised the Lyon Light Festival Forum (LLFF). The event, held during the Fête des Lumières, attracted city representatives, as well as light festivals organisers, artists and lighting designers from across the world.





“At the Frontiers of Light”

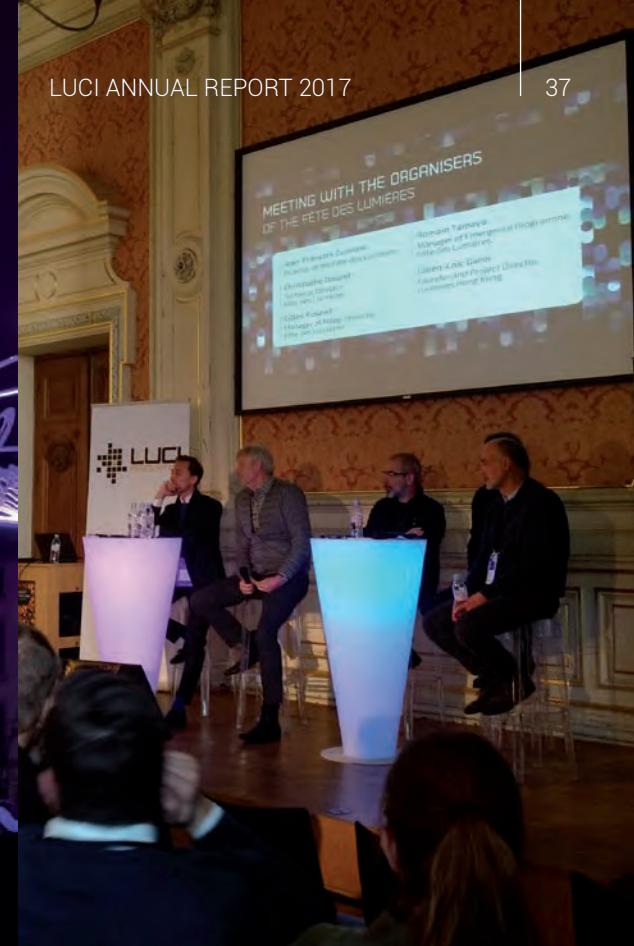
The theme of the 2017 Lyon Light Festival Forum aimed to open our minds to the new territories that light may enable us to conquer, to question our practices related to light, and to foster innovation and creativity. Eight professionals from various backgrounds presented their perspectives and experiences on the subject.

Exploring the frontiers of light

The first session explored permanent urban light, with a designer, an artist and a cinematographer. Coming from very different disciplines, the three speakers offered similar outlooks on light. Working with, by, or for that substance, they have often blurred the limits between science and art, between technicity and emotion. The speakers showed that light is a powerful tool to bring urban spaces or buildings to life, and to create strong connections between city dwellers and their environment.

Innovation and creativity, the new frontiers of light

Focused on innovation and creativity, the second session exemplified what it means to “play with the frontiers of light”, by blending art and technology. Among the works that were presented, participants discovered a landmark lighting project activated by big data, as well as one of the largest interactive video-mapping installations in the world. Each in their own way, the five speakers offered a glimpse of how technology and creativity could enhance light art installations, much to the delight of the participants.



Meeting with the organisers of the Fête des Lumières

During the forum, participants also got to experience the Fête des Lumières, through guided tours of the art works and a meeting with the team behind the event. The director of the festival and his colleagues answered multiple questions, amongst others on the art work selection process, the general cost of the festival or the involvement of volunteers.

THE VOICE OF CITIES ON URBAN LIGHTING

Through partnerships with trade fairs and invitations to take part in conferences throughout the world, LUCI shares knowledge and experiences from the network, and raises awareness on urban lighting issues.

Global Cultural Districts Network Convening
BARCELONA, SPAIN

10 - 13 MAY



The Global Cultural Districts Network (GCDN) is a network of global centres of arts and culture that fosters cooperation and knowledge-sharing among those responsible for conceiving, funding, building, and operating cultural districts. During its sixth convening in Barcelona, Mark Burton-Page was invited to present LUCI and participate in one of the sessions: "Illuminating Cities: Lighting and Urban Design".

Annual Meeting of Cluster de Iluminación (CICAT)
BARCELONA, SPAIN

8 JUNE

Mark Burton-Page presented the LUCI network during the annual meeting of the Spanish Cluster of Illumination (CICAT), which brings together more than 50 lighting companies and entities.

OnlyLight LYON
LYON, FRANCE

19 - 20 JUNE

LUCI was one of the partners of the first edition of OnlyLight, a light fair organised in Lyon by LUCI Associated Member, Atoliis. Focusing on the new uses of light, the event gathered both technological offer and demand, dealing with all aspects of light. The LUCI team animated a booth presenting the network, its activities and urban lighting issues around the world to visitors.

Guangzhou International Lighting Exhibition (GILE)
GUANGZHOU, CHINA

9 - 12 JUNE



In June, LUCI was invited to speak at the Guangzhou International Lighting Exhibition, during a conference on public lighting in smart cities. GILE is one of the largest professional fairs on lighting in Asia, and an associated member of LUCI. Nikita Junagade, LUCI Communications Manager, presented some smart intelligent lighting approaches from cities around the world highlighting their challenges and innovative solutions.

**National Nightlife Conference
PARIS, FRANCE**

14 - 15 SEPTEMBER



Mark Burton-Page was invited to speak at the first National Nightlife Conference, during a roundtable on “The Night: Carrier of Attractiveness”. The Nightlife Platform, created in January 2017, is a space for reflections and suggestions that brings together local, state and European elected representatives and technicians concerned by nightlife, nightlife professional organizations, people from civilian life and citizens. Mark presented LUCI and the network's take on the use of light as a tool for social cohesion at night.

**Visit of a Swedish delegation in Lyon
LYON, FRANCE**

29 SEPTEMBER



LUCI welcomed a delegation from Sweden during its visit to Lyon, facilitating a meeting between the City of Lyon and the Swedish representatives of cities and industries. They had the opportunity to benefit from Lyon's experience and learn about the evolution of the city's lighting master plans, from the first global plan in 1989 to the new master plan highlighting the identity of major neighborhoods.

**IALD Enlighten Americas 2017
DENVER, USA**

12 - 14 OCTOBER



LUCI was invited to speak at Enlighten Americas, the annual architectural lighting event organized by the International Association of Lighting Designers (IALD). Building upon the experience of LUCI, the session “Lighting Master plans – Building a Coherent Strategy for Urban Lighting” presented how light can help find answers to the challenges faced today by cities worldwide. Mark Burton-Page showed why lighting master plans need to be future-proof and ensure adaptability to take into account the fast pace of innovation in and around lighting.

**COP23 Fiji – urban lighting and climate change
BONN, GERMANY**

10 NOVEMBER



LUCI was invited to speak during two side events of the 23rd edition of the UN Climate Change Conference, organised by the French Environment and Energy Management Agency (ADEME). During the first side-event in the France Pavilion, LUCI General Director presented LUCI and the important role that light plays in city climate change agendas. During the second side event in the “Institut de la Francophonie” Pavilion focused on lighting for development, he outlined the issues raised during the Urban lighting for African Cities Conference in Dakar (see p. 32) – sustainable financing of investments and operations, need for peer training, challenges of maintenance, quality control and establishment of standards. A particular emphasis was made on the need for African cities to continue exchanges with each other and with national authorities, civil society and public lighting professionals.

**Internationalisation of Local Authorities
Symposium
LYON, FRANCE**

11 - 12 DECEMBER



Organized by the CIEDEL (International Centre for studies for local development - Catholic University of Lyon), the symposium gathered researchers, city officials and public servants to discuss the challenges, dynamics and perspectives related to the internationalisation of local authorities. For the first panel discussion, the LUCI General Director presented the LUCI network as an example of efficient implementation of city-to-city cooperation.



LUCI PROJECTS

As a leading network on urban lighting, LUCI explores through its activities and various projects the new facets and potentials of light in both permanent and temporary aspects.

By piloting city to city cooperation research and initiatives on some of the key issues on urban lighting, LUCI offers tools for lighting professionals to progress together towards a better and more sustainable use of light.

< Urban Lighting Workshop
for Asian Cities in Seoul

PROJECT ROCK

ROCK (Regeneration and Optimisation of Cultural heritage in creative and Knowledge cities) focuses on historic city centres as extraordinary laboratories to demonstrate how cultural heritage can be a unique and powerful engine of regeneration, sustainable development and economic growth for the whole city.

Aim and objectives of the EU project

The project, led by the City of Bologna (Italy), involves seven Role Model Cities (Athens, Cluj-Napoca, Eindhoven, Liverpool, Lyon, Turin, Vilnius) and three Replicator Cities (Bologna, Lisbon, Skopje), which are engaged in using cultural heritage as a driver for urban growth, sustainability commitment and social inclusion in their political agenda.

ROCK will produce outputs related to three main domains of innovation: organisational innovation, technological innovation and social innovation.

Regulating the use of light in a cultural heritage city

Among other activities, LUCI is involved in the ROCK project to explore how cities can create better urban lighting governance structures that limit light cacophony and ensure quality lighting.

The accessibility of LED technology and its multiple potentials for colours and dynamism has led to its widespread use. With more and more media facades and projections in the public realm, private owners are increasingly using light to enhance their visibility in the urban space. This might in some cases create lighting conflicts – a form of light cacophony – particularly in places where the nocturnal landscape has been carefully crafted, such as, for example, in city cultural heritage areas.

In many cities there is no overall governance framework to regulate, coordinate and prevent this invasive use of light. LUCI is currently supporting a field study by the City of Lyon and INSA (the National Institute of Applied Sciences - Lyon) that aims to develop a typology of private lighting initiatives and analyse their impact on nocturnal ambience in three sectors of the historical city centre. LUCI will also conduct a benchmark of existing regulations and practices at the European level.

The results of this study will outline some of the major challenges faced by cities on this topic and will be accompanied by case studies and potential good practices. A seminar to present the results of the study and initiate further discussion among cities is planned in Autumn 2018.



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 730280


EUROPEAN PROGRAMME
H2020
TOTAL PROJECT BUDGET
10.6 Million €
PARTNERS
10 cities, 7 universities, 3 networks of enterprises, 2 networks of cities, several companies and development agencies, a foundation and a charity
In this project, LUCI is linked third party to the City of Lyon
DURATION
March 2017 - March 2020



PATHWAYS TO SMART URBAN LIGHTING

In November 2017, LUCI announced the launch of a pioneering research project on smart lighting with the London School of Economics.

The global comparative study of smart lighting, the first of its kind, will be developed in 2018 and involve cities of the LUCI network.

This follows the signature of a Memorandum of Understanding between LUCI and Configuring Light, a research group of the London Schools of Economics (LSE) at the Annual General Meeting in November 2017.

Objective

- Improving cities' understanding of planning and implementation of smart lighting.

Smart lighting is part of the seemingly unstoppable move towards smart cities. But what do municipalities mean by smart lighting and how does it fit into their visions and plans for their urban futures and development? How are different cities around the world managing policy, implementation and governance of smart lighting? And how can other cities learn from them? The research project "Pathways to Smart Urban Lighting", aims to answer some of these questions through a wide-ranging study of smart lighting in cities today.





"This project aims to map smart lighting plans and implementations in a number of case study cities. 'Smart' really means very different things, and implies very different actions, to different municipalities.

It is crucial to understand the range of strategies cities are pursuing and how they can learn both problems and best practices from each other."

— Don Slater

Associate Professor in Sociology at LSE

Method

- **The survey (launched in April 2018)**

"Pathways to Smart Urban Lighting" will begin with a survey of municipalities, in the LUCI network and beyond. Cities will be asked about their smart lighting practices, feedback and perspectives. The survey will result in a preliminary mapping and database of municipal smart lighting policy, practice and planning.

Researchers from LSE will focus on differences in the meanings, objectives and motives driving the demand for smart lighting in cities. They will explore how smart lighting implementations are modelled and defined in the context of municipal development strategies. The project will also explore the governance, regulatory and legal structures for smart lighting implementations as well as the issues and expectations of concerned stakeholders (professional and commercial partners, citizen groups and the general public).

- **The case studies**

In addition, the project will highlight five case studies of model cities, analysing the choices they made regarding smart lighting. Researchers will conduct interviews and analyse documents related to city development policies and frameworks, smart lighting and smart city policy, and lighting policy and master planning.

- **The results**

The resulting report will help cities at various stages of their smart lighting implementation process to position themselves within this framework and identify further opportunities, actions and paths as they move forward with their smart lighting. It will help cities capitalise on the experience and choices of fellow cities in similar contexts.

Pathways to Smart Urban Lighting is independently conducted by the London School of Economics (Configuring Light research group), in collaboration with LUCI. The project is financially supported by Osram.







LUCI RESOURCES

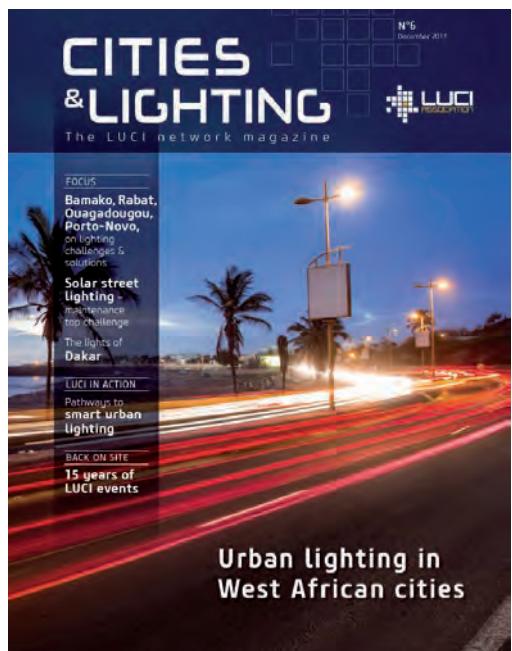
LUCI is a resource centre on urban lighting, as well as an observatory for new and future applications of light in the city, capitalising on the wide range of knowledge and experiences from cities and lighting professionals worldwide existing within the network.

Through its editorial content, publications and online knowledge-sharing tools addressing key issues in urban lighting and highlighting exemplary practices and innovative projects from around the world, LUCI aims to promote a culture of sustainable lighting.

CITIES & LIGHTING MAGAZINE

Cities & Lighting - the international magazine published by LUCI addresses key issues in the domain and features urban lighting projects worldwide.

Two issues were published in 2017:

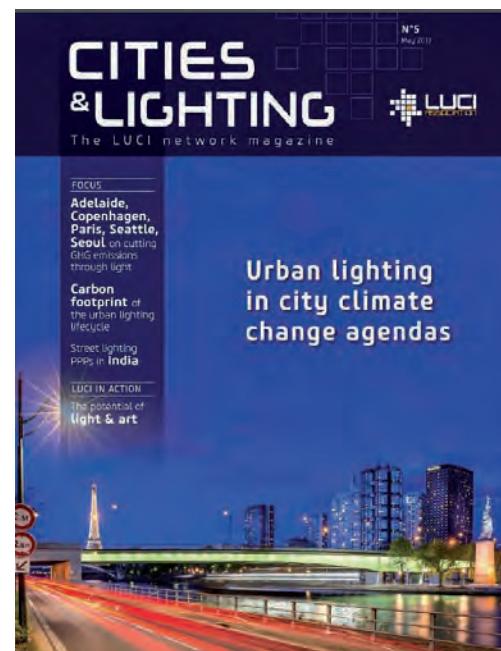


CITIES & LIGHTING N°6

December 2017

URBAN LIGHTING IN WEST AFRICAN CITIES

- Focus on the challenges, solutions and perspectives for urban lighting in West African Cities, addressing issues such as solar lighting, governance and maintenance
- A look at 15 years of LUCI events following the network's 15th anniversary celebrated in 2017
- A perspective signed by Victor Palacio, President of IALD, on designing the city with light
- An interview with Pongsak Yingchoncharoen, Mayor of Yala in Thailand



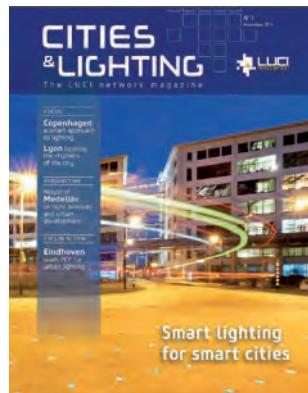
CITIES & LIGHTING N°5

May 2017

URBAN LIGHTING IN CITY CLIMATE CHANGE AGENDAS

- Focus on how cities are using urban lighting to fight climate change featuring Adelaide, Copenhagen, Paris, Rotterdam, Seattle, Seoul and more
- A look at street lighting public-private partnerships in Indian cities
- Back on site in Moscow – 10 years after the City under Microscope
- An interview with some pioneering cities working with light and art in the public space

PAST ISSUES:



CITIES & LIGHTING N°1

November 2014

SMART LIGHTING FOR SMART CITIES

- Focus on smart lighting for smart cities featuring Copenhagen, Glasgow and Lyon among others
- An interview with the Mayor of Medellín on lighting festivals as a tool for urban development
- A look at a new urban lighting pre-commercial procurement project

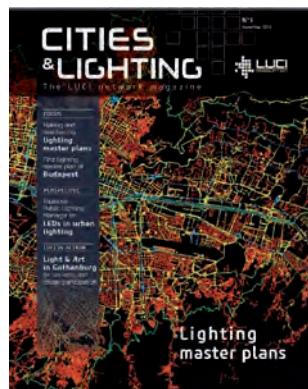


CITIES & LIGHTING N°2

April 2015

LIGHTING HERITAGE SITES

- Focus on issues dealing with lighting heritage sites around the world and different lighting cultures from China to Japan to Mexico to France
- Urban lighting in the International Year of Light 2015
- Lighting in developing countries with the United Nations Environment Programme

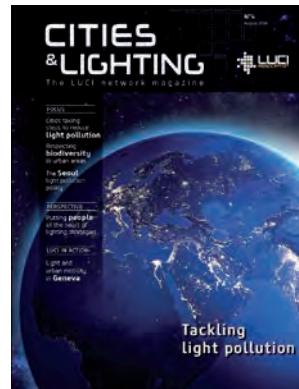


CITIES & LIGHTING N°3

November 2015

LIGHTING MASTER PLANS

- Focus on drafting, implementing and renewing lighting master plans in Budapest, Ghent, Jyväskylä, Lyon, Medellín, and Singapore
- A look at LEDs in urban lighting from the perspective of Toulouse
- Light, art, safety and citizen participation in Gothenburg



CITIES & LIGHTING N°4

August 2016

TACKLING LIGHT POLLUTION

- A focus on light pollution and how cities around the world are tackling it
- Light and urban mobility in Geneva: back on site seven years after the City under Microscope
- A look at the importance of putting people at the heart of lighting strategies
- LED lighting case studies from Stavanger and Malmö

COMMUNICATION & WEB TOOLS



LUCI VIDEOS

New videos on LUCI, its activities and its members
• Over 1000 views



LUCI WEBSITE

www.luciassociation.org

- 2500 unique visitors per month
- 30 articles in 2017



LUCI ON TWITTER

@LUClassociation

- Over 300 followers
- 230 tweets on #LUCInetwork hashtag

Follow LUCI on Twitter!

LUCI NEWSFLASH

Monthly e-newsletters sharing news within the network



LUCI FACEBOOK PAGE

www.facebook.com/LUCIAssociation

- 1146 page likes
- 1165 page followers

Join us on Facebook!



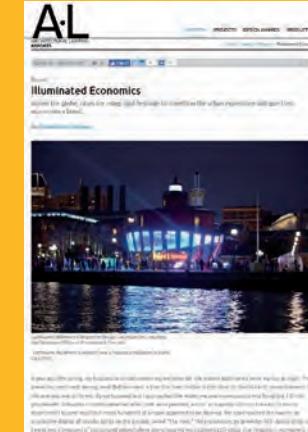
LUCI IN THE PRESS



LUCE E DESIGN (ITALY)



ILUMINET (MEXICO)

ARCHITECTURAL
LIGHTING (USA)

ARC (UK)



CIUDAD SOSTENIBLE (SPAIN)



LUX (FRANCE)



LIGHTZOOM LUMIERE (FRANCE)



LE SOLEIL (SENEGAL)



LUCI ORGANISATION

< Celebrating LUCI 15th Anniversary,
LUCI AGM Gala Dinner in Durham

LUCI EXECUTIVE COMMITTEE

LUCI Association is governed by an Executive Committee (EC), which defines the association's policy, draws up the draft budget and accounts for approval by the General Assembly, sets the annual subscription fees, and validates memberships.



The EC is composed of nine city members (voting members):

- > Albertslund (Denmark)
- > Dubrovnik (Croatia)
- > Eindhoven (The Netherlands)
- > Ghent (Belgium)
- > Glasgow (United Kingdom)
- > Gothenburg (Sweden)
- > Jyväskylä (Finland)
- > Lyon (France)
- > Seoul (South Korea)

The EC also includes three representatives from amongst supporting associated members (non-voting members):

- > Eandis
- > Osram
- > Philips

BOARD OF THE LUCI EXECUTIVE COMMITTEE

Amongst the EC, a board is elected to ensure LUCI's governance. Mary-Ann Schreurs, Vice Mayor of Eindhoven, was elected LUCI President in November 2016 during the LUCI General Assembly held in Seoul. In 2017, the EC held three meetings under her presidency – in Dakar in May, in Amsterdam in September, and in Durham in November –, during which various questions dealing with the association's development and management, as well as policy orientations and activities, were discussed. The 2017 General Assembly of the network was held on 15 November in Durham to present the network's ongoing and future activities.



Mary Ann Schreurs
Vice Mayor
EINDHOVEN
LUCI President



Jaewon Lee
Vice Mayor
SEOUL
1st LUCI Vice President



Karine Dognin-Sauze
Vice Mayor
LYON
2nd LUCI Vice President



Kari Ström
Service Director
JYVÄSKYLÄ
LUCI Treasurer

LUCI TEAM

The LUCI Head Office consists of a team of three persons based in Lyon working day to day to ensure the success of the network's activities.

In 2017, the LUCI Team also included Raphaëlle Leclerc, as Project Manager for a six-month period, and Noël Hautbois, as Communication and Events Intern, from November.



Mark Burton-Page
General Director
LUCI Association



Camille Chaumeron-Jourdan
Programme Manager
LUCI Association



Nikita Junagade
Communication Manager
LUCI Association



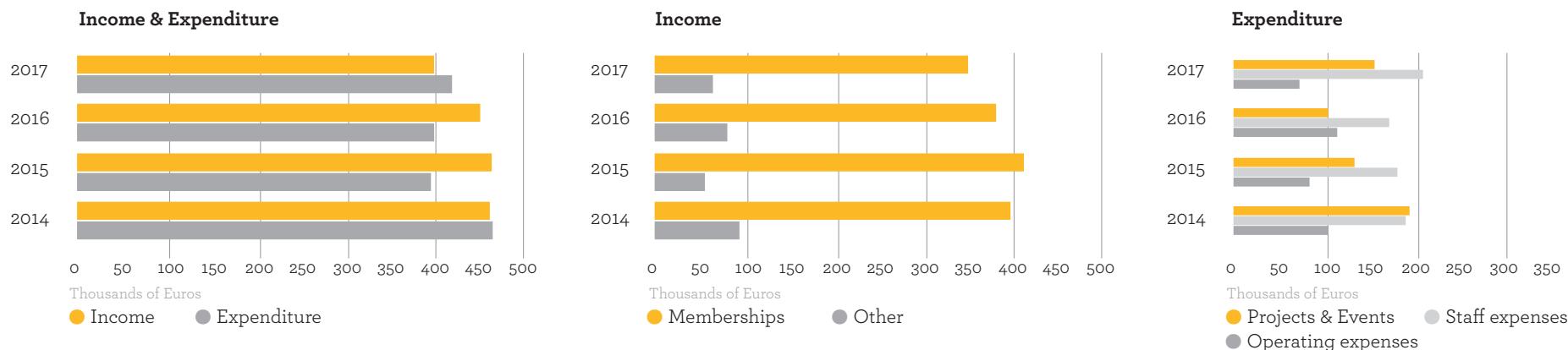
So-Jin Park
LROA Technical Coordinator

LUCI REGIONAL OFFICE FOR ASIA

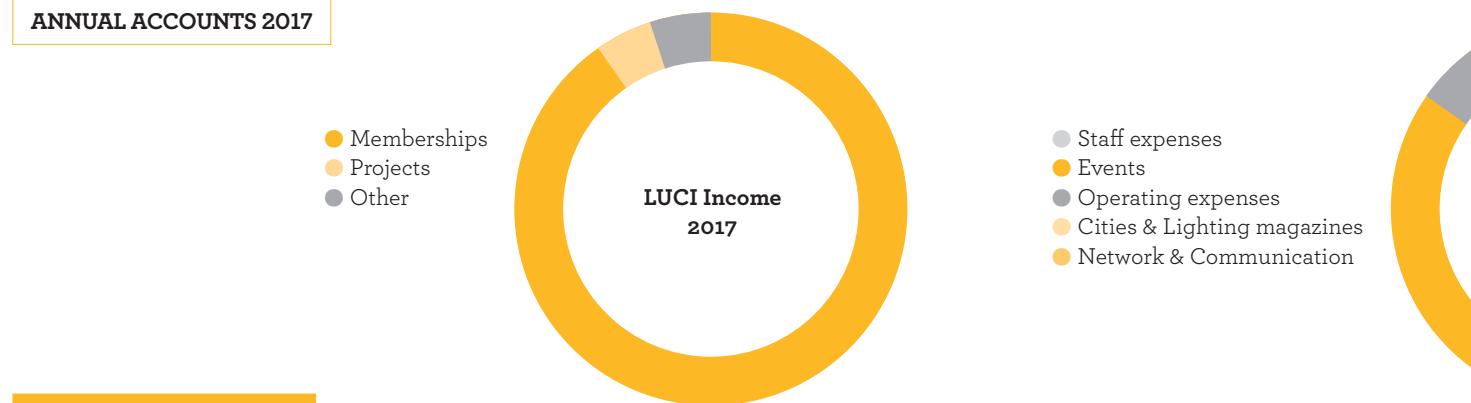
In January 2017, LUCI opened its first regional office in Seoul, South Korea, the LUCI Regional Office for Asia (LROA), to support the balanced regional development of the network and reflect the lighting culture of Asian cities in the global conversation on urban lighting. LROA is managed by a Technical Coordinator, employed by the Seoul Metropolitan Government.

FAST FINANCIAL FACTS

FINANCIAL OVERVIEW 2014 - 2017



ANNUAL ACCOUNTS 2017



SAVE THE DATE!

Main LUCI events in 2018



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This activity report is published by
LUCI Association

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www.luciassociation.org

Director of Publication:
Mary-Ann Schreurs

Texts: LUCI Team
Graphic design: NH DESIGN Lyon
Printing: Alpha

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