

# highLIGHTS!

How cooperation in Urban Lighting is key  
for the future of cities

## *Lucia Lighting the Baltic Sea Region Project - FINAL CONFERENCE*

*Meri LUMELA, Deputy Chair of the City Council of Jyväskylä, Finland, President of LUCI*  
*22nd September 2021, Tallinn + Online*



LUCIA



EUROPEAN  
REGIONAL  
DEVELOPMENT  
FUND

Climate crisis: urban lighting can help cities achieve their targets.





An aerial photograph of Medellín, Colombia, with a digital overlay. The overlay consists of a dense network of red and yellow lines that trace the urban grid and expansion patterns across the city. The background is black, and the lines are bright, making the urban structure stand out. The text 'Unprecedented urbanisation trends.' is in the top right, and '© EPM, City of Medellín' is in the bottom left.

**Unprecedented  
urbanisation trends.**

© EPM, City of Medellín



A nighttime photograph of a canal in Ghent, Belgium. The canal is filled with water, reflecting the lights from the buildings and street lamps. On the left bank, there are several historic buildings with ornate facades and gabled roofs. A large church with a tall spire is prominent. In the foreground, a modern boat with a glass roof is docked. On the right bank, there are more buildings, including a large church with a tall spire. The sky is dark blue. The text "Cities need to be dynamic and vibrant." is overlaid on the image.

Cities need to be dynamic and vibrant.



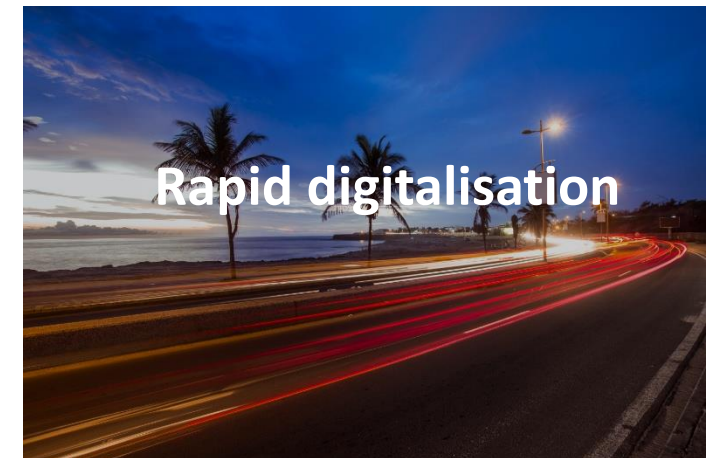
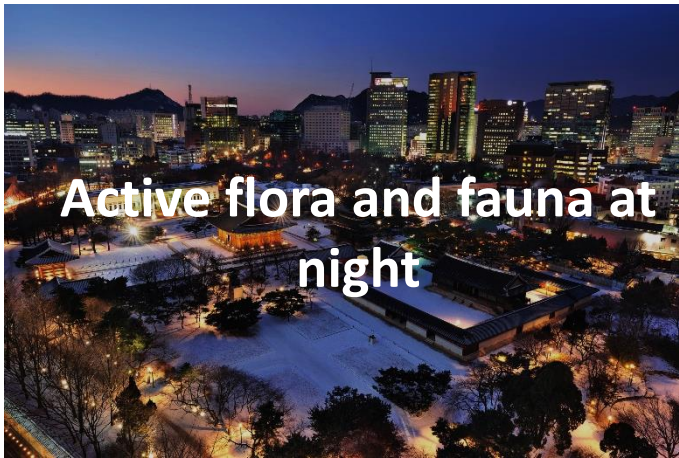


© Abdoulaye Ndao, City of Dakar

**Fast digitalization  
& innovation trends.**



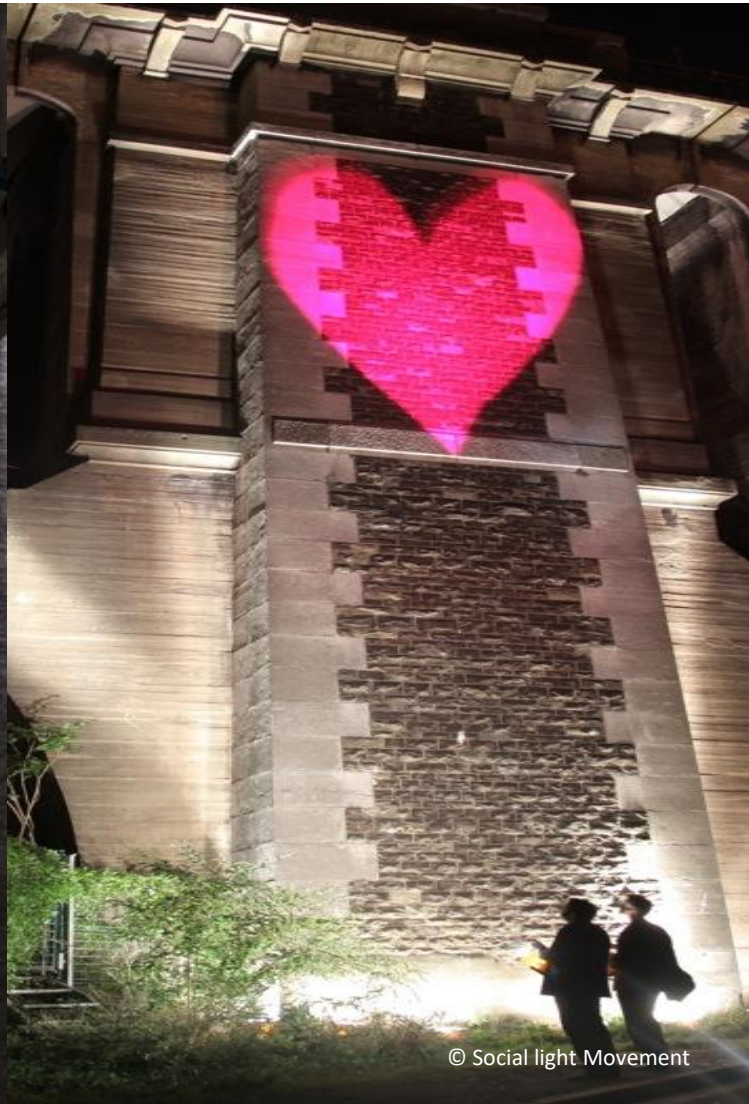
# Specific challenges of the city at night





## Common questions in urban lighting

**We need a mind-shift: take light beyond the functional**





## Common questions in urban lighting

How can we evolve with technology, but not for it ?





**Engaging with citizens** to foster a long-term commitment and build a common language of light





## Common questions in urban lighting

**Raising awareness to create collaborative processes, leading to co-designed urban lighting policies**





# Common questions in urban lighting

A balancing act

Security & functionality

Ambience & identity

Sustainability & efficiency

Tackling light pollution

Luminous advertisement

Public & private lighting





**Cities can't do it by themselves.**

© City of Gothenburg Lena Oritsland



Cities helping cities.





# Collective learning process.





# LUCI – The international network of cities on urban lighting

A nighttime photograph of a city, likely Lyon, France. In the foreground, a large stone bridge with multiple arches spans a river. The bridge is illuminated with warm white lights. In the background, a hillside is covered with buildings, including a prominent church with a tall, pointed spire on the left and a large, ornate palace or castle at the top. The buildings are lit up, and their lights reflect on the water. The sky is dark blue.

**Not-for-profit Association, since 2002**

**70 member cities on 4 continents, 46 countries**

**Representing close to 100 million inhabitants**

**52 associated members**



# LUCI in 2021 – 70 City members



Abomey (Benin)  
Agi Anargiri Kamatero (Greece)  
**Albertslund (Denmark)**  
Amsterdam (Netherlands)  
Antwerp (Belgium)  
Batumi (Georgia)  
Bharatpur (Nepal)  
Bourges (France)  
Brussels (Belgium)  
Budapest (Hungary)  
Busan (S.Korea)  
Chartres (France)  
Chefchaouen (Morocco)  
City of London Corporation (UK)  
Copenhagen (Denmark)  
Dakar (Senegal)  
Dubrovnik (Croatia)  
Durham (UK)  
**Eindhoven (Netherlands)**  
Galway (Ireland)  
Geneva (Switzerland)  
Ghent (Belgium)  
**Glasgow (UK)**

**Gothenburg (Sweden)**  
Guangzhou (China)  
Gwangju (S. Korea)  
Hamburg (Germany)  
Helsingborg (Sweden)  
Helsinki (Finland)  
Ho Hi Minh (Vietnam)  
Hue (Vietnam)  
Jericho (Palestinian terr.)  
Jinju (S.Korea)  
**Jyväskylä (Finland)**  
Kazan (Russia)  
Leipzig (Germany)  
Liège (Belgium)  
Linköping (Sweden)  
**Lyon (France)**  
Malaga (Spain)  
Marseille (France)  
Medellin (Columbia)  
Moscow (Russia)  
Nanjing (China)  
Novi Sad (Serbia)  
Ouagadougou (Burkina Faso)  
Oulu (Finland)

Pessac (France)  
Paris (France)  
Porto-Novo (Benin)  
Putrajaya (Malaysia)  
**Rabat (Morocco)**  
Ramallah (Palestinien terr.)  
Reykjavik (Iceland)  
**Rotterdam (Netherlands)**  
**Seoul (S.Korea)**  
Shanghai (China)  
Skopje (Rep. of Macedonia)  
Stavanger (Norway)  
Strasbourg (France)  
Tallin (Estonia)  
Tarakeshwar (Nepal)  
Tartu (Estonia)  
Taxco de Alarcon (Mexico)  
Toulouse (France)  
Turin (Italy)  
Varna (Bulgaria)  
Vilnius (Lithuania)  
Yala (Thailand)  
Yerevan (Armenia)

In bold : cities members of LUCI Executive Committee 2020-2022



# LUCI in 2021 – 50 Associated members

## Supporting associated members



## Ordinary associated members





# LUCI – a meeting place for cities & partners



## LUCI CITY UNDER MICROSCOPE

Stavanger (Norway) - Online

18 - 19 March



## LUCI ANNUAL GENERAL MEETING

Tartu (Estonia) - Hybrid

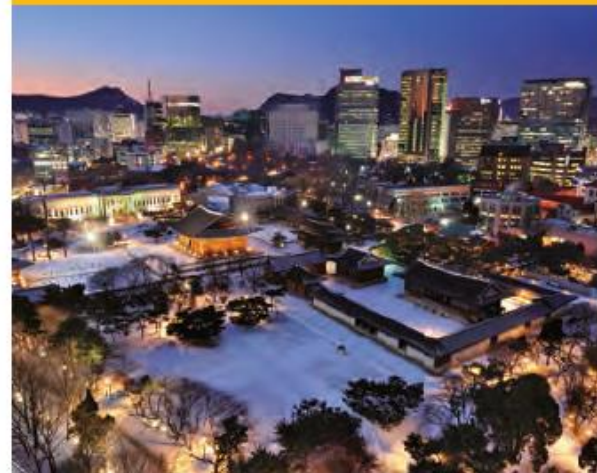
27 - 30 October



## LUCI ASIA URBAN LIGHTING WORKSHOP

Seoul (South Korea)

November



## LYON LIGHT FESTIVAL FORUM

Lyon (France)

December





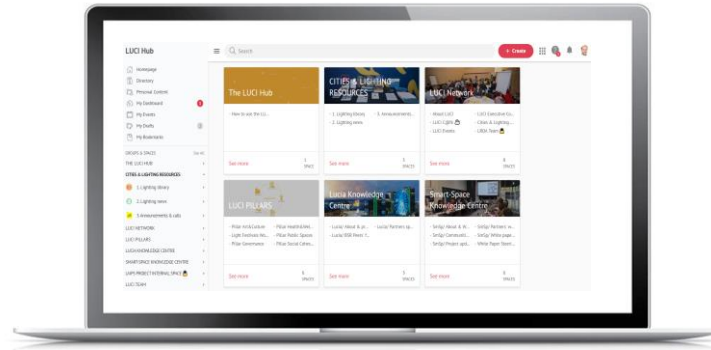
# LUCI – ressources on urban lighting



## LUCI Videos



## LUCI Hub

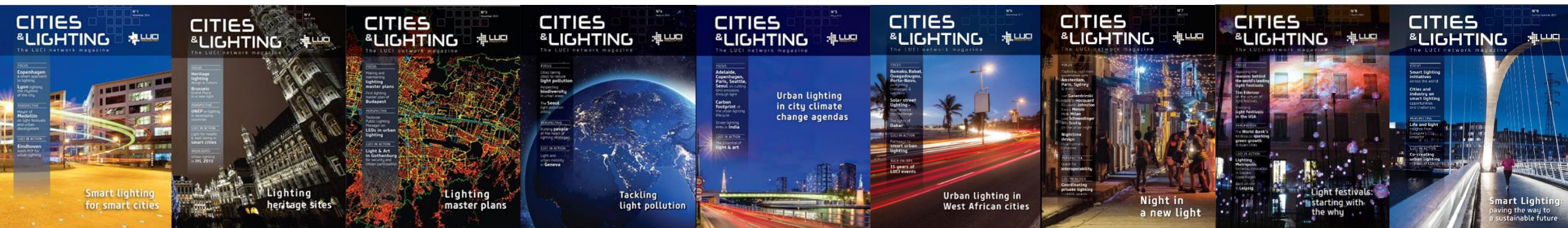


## Publications

New Publication (2021): *Exploring City Nightscapes*



## Light Festival Calendar



## Cities & Lighting Magazine



# LUCI – A place where cities take action

Within LUCI, various Cooperation Projects take place:

- Interreg - Smart Space
- Creative Europe - Light Art in Public Spaces
- Interreg - Lucia
- H2020 – ENLIGHTENme (past projects)
- H2020 - ROCK
- H2020 - SSL erate
- Interreg PLUS
- ...

## ROCK

EUROPEAN PROGRAMME  
H2020  
PROJECT BUDGET  
10.6 Million €  
including 9.87 Million € EU contribution  
LUCI budget 48 125€  
32 PARTNERS  
Including: 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  
May 2017 - December 2020



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

## Interreg North-West Europe Smart-Space

EUROPEAN PROGRAMME  
INTERREG North-West Europe

PROJECT BUDGET  
5.73 Million €, including  
3.44 Million € EU contribution  
LUCI budget 183 068 €

### 11 PARTNERS

4 cities:  
Ostend (BE) - Lead Partner,  
Middleburg (NL),  
Sint Niklaas (BE),  
Tipperary (IE)  
4 universities or research centres,  
2 companies & LUCI

### DURATION

May 2018 - December 2021

## LUCIA

EUROPEAN PROGRAMME  
INTERREG Baltic Sea Region

PROJECT BUDGET  
3.12 Million €, including  
2.17 Million € EU contribution  
LUCI budget 92 000 €

### 11 PARTNERS

7 municipal and regional public  
authorities: Hamburg (DE) - Lead  
Partner, Albertslund (DK), Gothenburg  
(SE), Järmala (LV), Porvoo (FI),  
Riga Planning Region (LV),  
Tallinn (EE)  
2 universities, 2 expert partners

Following a successful tender,  
LUCI has been accepted as a support  
organisation to Gothenburg

### DURATION

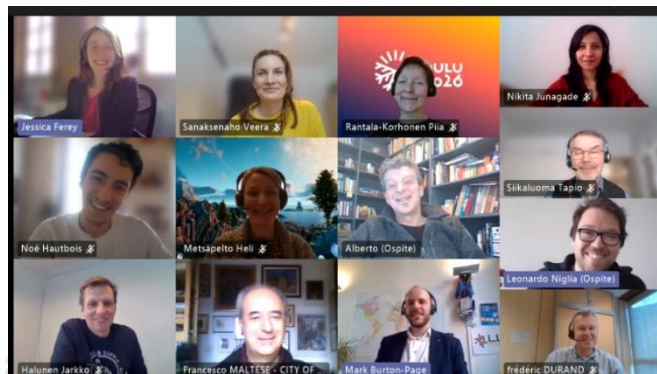
January 2019 - September 2021



Co-funded by the  
Creative Europe Programme  
of the European Union



Public Lighting Strategies for Sustainable Urban Spaces





# LUCI - the voice of cities on urban lighting



## Charter for sustainable lighting

- Guidelines for development of a sustainable urban lighting strategy
- Signed by over 60 cities since 2010



LUCI  
CHARTER  
on Urban Lighting  
Promoting a culture  
of sustainability in lighting





# Building the future of urban lighting together !

MEET



LEARN



ACT



SPEAK



© City of Oulu





Connecting cities with Light  
in Jyväskylä  
LUCI Gathering in March 2022.







**Thank you for your attention !**

**Please contact the LUCI team**

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