



# LUCI Annual General Meeting

**BUSAN** | SOUTH KOREA

19-22  
OCTOBER  
2022

PROGRAMME



#LUCIagmBusan

#LUCInetwork



I'd like to wholeheartedly welcome you all to Busan Metropolitan City to attend the 2022 LUCI Annual General Meeting.

Lighting has played a pivotal role in the building of civilizations and serves as a symbol of urban growth. In addition, it continues to help alleviate urban challenges in various areas within society, culture and health. Cities around the world have also set out diverse lighting policies to showcase their distinctive beauty at night.

LUCI has significantly contributed to developing urban landscapes and related industries. I'm sure we will continue to see solidarity and cooperation on the occasion of its 20<sup>th</sup> anniversary. This important milestone is being celebrated here in Busan, a port city beautifully laced with mountains, rivers and the sea. The city has also earned a reputation for its culture and tourism. Events and festivals are held throughout the year, including one of the biggest film festivals in Asia, the Busan International Film Festival, as well as the Busan Fireworks Festival. Not least, Busan is a city full of passion as it gears up to host the 2030 World EXPO. Koreans from all walks of life are putting their utmost efforts into helping the city win the bid to host the event.

This Annual General Meeting in Busan is a meaningful occasion, not only to share policies, exemplary models and cutting-edge technologies, but also to uncover future possibilities for urban lighting.

I sincerely hope you have a special and meaningful time while visiting the beautiful city lighting of Busan during this lovely autumn season..

**Heong-joon Park**

Mayor of Busan Metropolitan City



In this very special year of LUCI's 20<sup>th</sup> anniversary, we continue to explore the future of urban lighting, together in Busan. One thing we can be sure about is that we create today the conditions of life in our cities for tomorrow, and we need to reflect together and prepare for changes ahead.

Thanks to great cooperation between LUCI and the City of Busan, we are proud to present this programme featuring a broad range of experts who will share their knowledge and insights. We have created the conditions for both a strong dialogue between cities and a vivid experience for the delegates visiting beautiful Busan. This AGM is also the occasion to meet as a network, discuss our activities and elect the next Executive Committee.

With all this in store, I am sure we can continue our mission to improve urban lighting in cities, be inspired and connect cities with light!

Many thanks to the City of Busan for hosting this very promising event.

I wish you all a great AGM and look forward to meeting all of you in the next days..

**Meri Lumela**

President of LUCI

Deputy Chair of the City Board, City of Jyväskylä

## WEDNESDAY 19 October

- 16:00 **Executive Committee meeting** (LUCI EC members only)
- 19:00 **Welcome dinner & Cocktail party**
- 20:30 **Night visit walking tour**

## THURSDAY 20 October

- 10:00 Registrations & Coffee
- 10:30 **Opening of the LUCI Annual General Meeting**
- 11:00 **Plenary Session: Urban lighting in Busan**
- 12:30 Lunch
- 14:00 **LUCI Talks: Lighting the night of tomorrow**
- 15:45 Coffee break
- 16:15 **International Panel Discussion: Achieving harmony of light for the future of cities**
- 18:00 **Dinner to celebrate LUCI 20 Years**
- 20:00 **Night visit boat tour**

## FRIDAY 21 October

- 10:00 Registrations & Coffee
- 10:30 **LUCI General Assembly** (LUCI members only)
- 12:30 Lunch
- 14:00 **Open Conference Sessions**
- 16:00 **Closing session & Announcements**
- 18:00 **Cities & Lighting Awards ceremony & dinner**

### OPTIONAL PROGRAMME

## SATURDAY 22 October

- 8:45 Discover Busan
- 13:30 Jinju Lantern Festival

## Exploring the future of urban lighting

For centuries, lighting has accompanied the transformation of cities with a focus on safety, beauty and sustainability over the years. Today, as we consider the new “game changing” developments in the field, we ask ourselves: how are various fields of urban policies impacted by lighting (planning, design, architecture, mobility, security, energy transition, regeneration, health, culture etc).

During its 20<sup>th</sup> anniversary AGM in Busan, LUCI brings together experts and cities to share insights and perspectives as we continue the exploration of what is desirable for the future of urban lighting.

Read the speakers' bios by scanning this QR code:



WEDNESDAY

19 October



### 16:00 Executive Committee (LUCI EC members only)

📍 Petit Ballroom, 2F, La Valse Hotel

19:00

### Welcome dinner & Cocktail party

📍 Sky Café, La Valse Hotel

### 20:30 Walking tour to Yeongdo Bridge and Yongdusan Park

Yeongdo Bridge is the iconic bridge of Busan and Korea's first bascule bridge used as a meeting point for the Korean War refugees. Participants will walk across it to the Yongdusan Park, which is the prominent observatory and a symbol of the city.



📍 P.ARK | 180 Haeyang-ro 195 beon-gil, Yeongdo-gu, Busan | Room 6F

Conference moderator throughout the event: *Jessica Lee*

10:00 **Registrations & Coffee**

10:30

## Opening of the LUCI Annual General Meeting

*Byung-jin Lee*, Vice Mayor for Administrative Affairs, Busan Metropolitan City  
*Meri Lumela*, President of LUCI; Deputy Chair of the City Board of Jyväskylä

11:00

## Plenary session: Urban Lighting in Busan

Hear from city representatives and lighting experts about urban lighting projects and strategies in Busan. A Q&A will follow.

### ■ Harmonic lights, Busan

*Uh-Chan Ryu*, Professor, Pukyong National University

The name of Busan is derived from a mountain like a cauldron, but actually located among “steep mountains” including several rivers and a long coast. Therefore, one of the aims of lighting design will be harmonizing between urban, mountains, rivers, and coast. This presentation will review the past and the current lighting in Busan and will provide an opportunity for us to imagine the future lighting in Busan.

### ■ Light, human, city

*Hyunjoon Yoo*, Professor, Hongik University; Principal, Hyunjoon Yoo Architects and Space Consulting Group

Humans have evolved with light as they are daytime animals. Light sources have changed over time, ranging from natural sources like the sun and moon to fireplaces, stained glass, and light bulbs. Whenever these changes occurred, the human environment also changed, which in turn altered human society.

## ■ The way people understand darkness

*Sungde Hong, Professor of Interior Design, University of Shin Ansan; President, Korea Association of Lighting Designers (KALD) and Urban Lighting Advisory member for Seoul and other cities*

People use artificial lighting as the primary means to escape from the fear of the dark, thinking that using more light makes them safer from the dark. In addition, lighting costs, which have become cheaper than in the past, are encouraging the unrestrained use of artificial lighting. Simultaneously, the negative perception of darkness and positive preference for light, which mankind has in common, makes it difficult to consider the infinite increase in artificial lighting as a serious problem.

Today's light pollution stems from a misconception about darkness. Changing people's misconceptions about darkness (danger, fear, and depression) is a way to solve the current light pollution, even if just a little.

12:30 Lunch  P.ARK, Room 2F

14:00

## LUCI Talks: Lighting the night of tomorrow

This new format includes short curated inspirational talks featuring perspectives from the lighting community to reflect on the interrogations below:

- It's likely that lighting in our cities will decrease and be more adaptable in the coming years: how does this impact the quality of night and how can we ensure that our nights remain safe, inclusive, creative?
- How should city strategies reflect new approaches to the night and to lighting?

A Q&A follows each talk.

## ■ A lot more than lighting

*Miguel Sangalang, Executive Director of the Bureau of Street Lighting (LA Lights), City of Los Angeles*

At first glance, streetlights are seemingly singular in purpose. But as our lives become more digitally connected and as we seek answers to the issues like mobility and sustainability, these same streetlights – and the infrastructure behind them – are actually incredibly valuable neighborhood assets that can help solve our cities' pressing issues.

## ■ The future of cities' nights

*Roger Narboni, Founder and Chairman at CONCEPTO; Lighting Designer*

After the era of regular functional lighting dedicated to car drivers and located at the edge of the street, lighting designers started to position pedestrian lighting poles, more or less decorative, near a bench, thus changing the nocturnal image of the small demarcated space. But gradually, a real form of living room, more complex and structured, needs to be thought about and set up in large public spaces to accommodate passers-by or allow them a break in their nocturnal journey. The next generation of luminous lounges will allow us to create virtual volumes of light, three-dimensional night spaces and new light atmospheres. They will be interactive spaces set to develop the city of tomorrow.

The cities' nights will become a specific territory to explore, in order to better respond to climate change, to offer new nocturnal urbanities, to promote health and wellbeing at night and to rediscover darkness in our cities.

## ■ The future of urban lighting design

*Kaoru Mende, Lighting Designer and Principal at Lighting Planners Associates (LPA)*

In this presentation, Kaoru Mende will explore what future lighting design should aim for. *The future can be one, five, ten or more years from now... I have been discussing what lighting design should look like in the year 2050 for the last 30 years. 2050 is the year I turn 100. The year 2050 is neither the near nor far future, but I think it is an important future for all of us to discuss.*

LPA organised a world travelling exhibition titled "Nightscape 2050 / A dialogue between Cities-Light-People in the Future" from 2015-2016. This presentation will give an overview of what LPA has been advocating for in this exhibition where 20 proposals for the nightscape of 2050 were presented. We will explore the ideal night scenes in five categories: Urban, Street, Park, Home, and People.

15:45 Coffee break

## 16:15 INTERNATIONAL PANEL DISCUSSION

### Achieving harmony of light for the future of cities

This roundtable discussion will gather city representatives to share perspectives and views on the following questions:

- How are cities considering the need for a better harmony between light and darkness in all their projects and strategies?
- How can we improve our quality of life by adjusting the way we use lighting, considering health and wellbeing impacts and the need to maintain beautiful nightscapes in balance with nature?

Moderated by *Mark Burton-Page, General Director, LUCI Association*

*Jean Baptiste de Scoraille, Deputy Mayor, City of Toulouse - by video*

*Thomas Dienberg, Deputy Mayor for City Development and Construction, City of Leipzig - by video*

*Imran Alam, Councillor, Glasgow City Council and*

*Heather Claridge, City Development Plan Manager, Glasgow City Council*

*Eliza Choo, Director, Urban Design, Central Area East, Urban Development Authority, Singapore*

*Youngho Baik, Chief Consultant, ECOLANT, representing the City of Busan*

A Q&A will follow the panel discussion.

17:30 Bus from P.ARK to Mokjang-Won

### 18:00 Dinner to celebrate LUCI 20 Years

📍 Mokjang-Won

19:30 Bus from Mokjang-Won to Marina

### 20:00 Night visit boat tour

📍 Diamond Bay

Participants will embark on a boat tour to experience the urban lighting of Busan. Following the boat ride, participants will cross the Gwangan Bridge, the second largest bridge in the country and Busan's most recognisable landmark as well as one of the representative lighting projects.



FRIDAY

21 October



📍 P.ARK | 180 Haeyang-ro 195 beon-gil, Yeongdo-gu, Busan | Room 6F

9:30 **Registrations & Coffee**

10:30

### LUCI General Assembly (LUCI members only)

This is the opportunity for LUCI members to learn about the network's ongoing and future activities. Upcoming events, projects and new perspectives will be presented. The General Assembly will also vote for the renewal of the LUCI Executive Committee.

12:30 Lunch 📍 P.ARK, Room 2F



14:00

## Open Conference Sessions

The Open Conference Sessions are organised in parallel tracks where each presentation lasts 15 minutes followed by a 5-minute Q&A with participants. You then have 5 minutes between each to select which presentation you will attend next.

Time	Track 1 - P.ARK   Room 6F	Track 2 - P.ARK   Room B1F
14:00 14:20	<b>The present and future of urban lighting in Jinju</b> <i>City of Jinju</i>	<b>The Lighting Master Plan and dark infrastructure of Qiantang River</b> <i>Concepto</i>
14:25 14:45	<b>Green Space Dark Skies - lighting up the landscape</b> <i>Walk the Plank</i>	<b>Rabat's lighting strategy</b> <i>City of Rabat</i>
14:50 15:10	<b>Darkness is a positive tool: Inclusive lighting planning in Helsinki</b> <i>City of Helsinki</i>	<b>Leipzig's "Festival of Lights"</b> <i>City of Leipzig</i>
15:15 15:35	<b>Raising awareness of light &amp; art in public spaces</b> <i>City of Lyon &amp; LUCI</i>	<b>Sustainability in urban lighting and smart lighting options</b> <i>Louis Poulsen</i>
15:40 16:00	<b>Madiun Regency urban lights plan</b> <i>Madiun Regency</i>	

Detailed descriptions of all Open Conference Sessions are available on pages 10-13.

16:00

## Closing session and Announcements

16:30 Free time

### 18:00 Cities & Lighting Awards ceremony & dinner

P.ARK, Room 6F and Garden

The winners of the inaugural edition of the biannual LUCI Cities & Lighting Awards will be announced during this ceremony.

Participants will raise a glass to the winning lighting projects that improved sustainability and quality of life in cities across the world. Celebrate with us and get inspired for the next edition in 2024!



# OPEN CONFERENCE SESSIONS

The Open Conference Sessions are organised in parallel tracks where each presentation lasts 15 minutes. A 5-minute Q&A follows each presentation for questions from participants.

TRACK 1

P.ARK | ROOM 6F

14:00



## The present and future of urban lighting in Jinju

*Yejin Kim, Housing and Landscape Division, City of Jinju*

Jinju is an educational and cultural city with a long history and is an urban and rural complex city with various cultural heritages. Jinju has established a master plan for the night view and is doing its best to systematically manage urban lighting and organise beautiful designs. The night view master plan aims for four key strategies: "Impressive Jinju," "Beautiful Jinju," "Happy Jinju," and "Safe Living Space."

Based on this, the lighting landscape in Jinju City made the night view of the city beautiful and functional so that citizens can enjoy night lighting conveniently and safely. Based on the night view master plan, Jinju is continuously making efforts to increase the value of the city brand and connect the existing and newly installed lights.

14:25



## Green Space Dark Skies - lighting up the landscape

*Liz Pugh, Creative Producer, Walk the Plank/Salford*

Green Space Dark Skies is one of the UK's most groundbreaking projects of 2022. Commissioned for Unboxed 2022: Celebrating creativity across the UK, the project has engaged thousands of citizens to make journeys into national parks and other wild spaces to connect with nature through light, in order to encourage more people to be better guardians for our planet. Using geopositioning light technology and human beings, artists from Walk the Plank, working with Siemens and the National Parks UK - have animated iconic landscapes in Scotland,

Wales, Ireland and England. Liz will share her experience of working with light to engage participants - from the lanterns Walk the Plank made for last year's AGM in Tartu to the geolights of this project - and discuss how to engineer engaging projects with light.



14:50



### **Darkness is a positive tool: Inclusive lighting planning in Helsinki**

*Marjut Kauppinen, Head of Public Lighting, City of Helsinki*

Helsinki is developing various means to get lighting related feedback and initiatives from inhabitants. Youth, feelings of safety and security, accessibility in urban environment and nearby nature, the need for dark areas, mixed modes of transport in existing urban space – all of these themes need active and open dialogue between city officials, decision makers and city residents. Participatory budgeting gives residents opportunities to evaluate their lighting needs and wishes vs. the amount of resources. Public surveys are used in specific themes: e.g. how to find out the most disturbing or most pleasant urban night time views (Helsinki Obtrusive Lighting Survey 2021).

15:15



### **Raising awareness of light & art in public spaces**

*Frédéric Durand, Head of the Studies Department, Urban Lighting Department, City of Lyon and Mark Burton-Page, General Director, LUCI Association*

The LAiPS project (Light & Art in Public Spaces), a Creative Europe funded project, aims to strengthen city capacities on permanent light art installations in public spaces by exchanging best practices, fostering transnational cooperation among cities, and making use of innovative digital tools. Launched in 2021 by LUCI and the project partners: City of Lyon, City of Oulu, and City of Turin, the project has made major headways with Light & Art Lab visits and the development of an app to raise awareness about light art in cities and make these light art works more accessible to professionals and the wider public.

15:40



### **Madiun Regency Urban Lights Plan**

*H. Hari Wuryanto, Vice Regent, Madiun Regency*

The Madiun Regency Government has a strategic plan to build a safe Smart City. Smart Street Lighting is the first major step within this vision, which also supports the Indonesian Government’s commitment to implement energy efficiency and reduce carbon emissions. Street lighting that meets standards and is equipped with smart system technology will have a greater positive impact in creating a sense of security, increasing road safety, providing longer economic activity at night. The Madiun team will present the Public-Private Partnership scheme that will begin operating in mid-2023, the City Square Night Beautification program and also discuss the K-City Network program where smart sensors will be installed on the street lighting poles.

# OPEN CONFERENCE SESSIONS

TRACK 2

P.ARK | ROOM B1F

14:00



## The Lighting Master Plan and dark infrastructure of the basin of Qiantang River in Zhejiang (China)

*Roger Narboni, Lighting Designer, CONCEPTO*

In 2018, the Chinese authority in charge of the Qiantang River's development launched a study to imagine a lighting strategy for the whole Qiantang River territory where the river covers 250 km, passing through 5 large cities including the provincial capital Hangzhou, before flowing into the East China Sea.

This presentation will review what inspired the creation of the lighting masterplan for this area. The lighting strategy was then based on two levels: the scale of the public and the large landscape scale to give accurate answers to this very large and complex territory. In addition, the lighting strategy was based on an ecological approach, to protect the environment and the nocturnal biodiversity with the ambition to balance light and darkness along the river's territory, creating a unique and innovative River Nightscape to lead the city into the future.

14:25



## Rabat's lighting strategy

*Hassan Tatou, Vice Mayor, City of Rabat*

This session will present the advances and progress made by the City of Rabat in terms of energy efficiency and public lighting management. It will also mention the intentions and future planning in this field, especially the ambitious development programme "Rabat City of Light, Cultural Capital of Morocco," initiated by HM King Mohamed VI, and which aspires to make the green city and world heritage site of Rabat a model to follow in terms of sustainable development.



14:50



### Leipzig's "Festival of Lights"

*Heike Besier, Urban Planner, City Planning Office, City of Leipzig*

The presentation is about Leipzig's "Festival of Lights" and the historical background of this festival.

Calling "We are the people" and "No violence", around 70 000 people gathered on October 9, 1989, to march along Leipzig's inner city ring road, demonstrating for freedom and democracy and thus paving the way for the fall of the Wall, for the unity of Germany and Europe. Annually, the Festival of Lights takes place on the 9<sup>th</sup> of October in order to keep the memories of the Peaceful Revolution alive. For the 2024 edition of this Festival, the city is looking for projects that artistically take up the theme along Leipzig's inner city ring road, reflect it in the current context and make it an emotional experience.

15:15



### Sustainability in urban lighting and smart lighting options

*Alex Huang, Head of Professional Sales, Louis Poulsen Asia*

Cities are facing growing challenges in terms of public urban lighting, including luminaire obsolescence, maintenance challenges, upgrading existing installations and future-proofing.

This presentation will share examples of projects in Singapore and Adelaide, showcasing solutions that address these issues and offer options for smart lighting management. The sustainability approach from concept design to end of product life cycle will also be covered.



*For detailed timing of the optional programme in Busan and Jinju, please scan the following QR code:*



### Discover Busan

After leaving the La Valse Hotel at 8:45, the City of Busan has organised special visits to the **Haedong Yonggung sa (temple)** and **Haeundae Beach**. Lunch will be provided.



### Experience the Jinju Lantern Festival (Jinju Namgang Yudeung Festival)

*Bus transfer will be provided from Busan (La Valse Hotel) to Jinju at 13:30.*

The Jinju Lantern Festival (Jinju Namgang Yudeung Festival), which originated from the concept of floating lanterns (yudeung) has been taking place since 2000 and known as one of world heritage festivals. Following a reception and dinner, participants will experience making their own floating lanterns and will take part in a river cruise to see various festival installations.



## 1 Accommodation

La Valse Hotel  
82, Bongnaenaru-ro, Yeongdo-gu, Busan

## 2 Welcome Dinner & Cocktail Party | 19 Oct

Sky Café, La Valse Hotel

## 3 Conference Venue

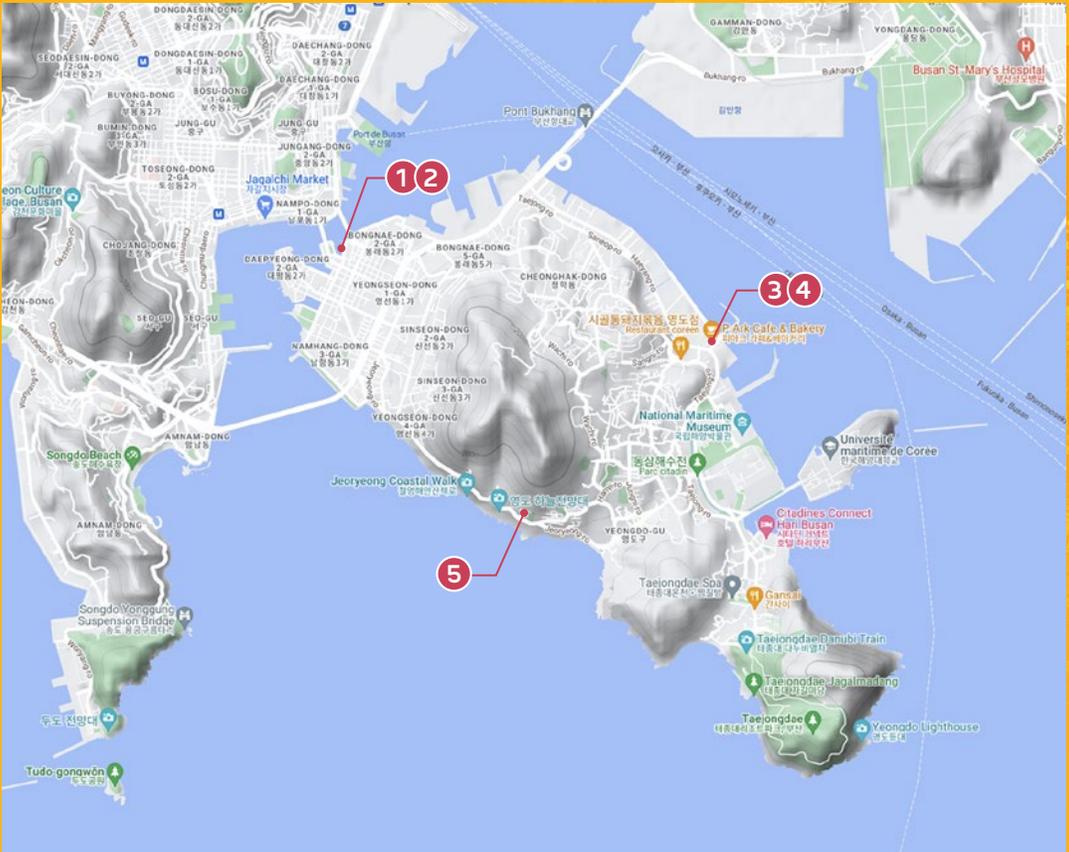
P.A.R.K | 20 & 21 Oct  
180 Haeyang-ro 195 beon-gil, Yeongdo-gu, Busan

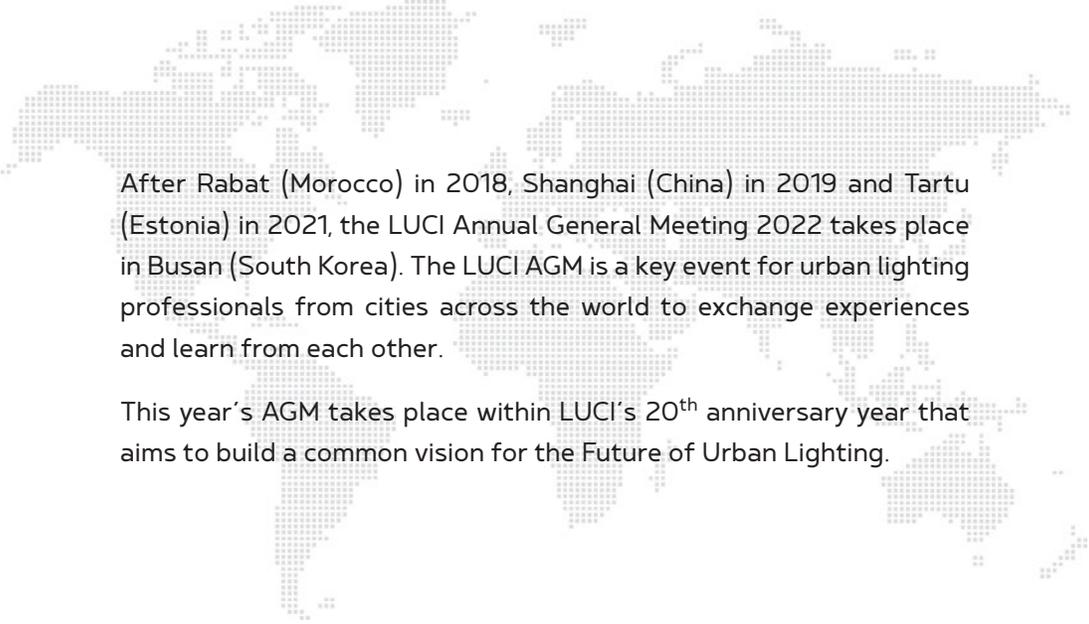
## 4 Cities & Lighting Awards ceremony & dinner | 21 Oct

P.A.R.K | Room 6F and Garden

## 5 Dinner to celebrate LUCI 20 Years | 20 Oct

Mokjang-Won  
355 Jeoryeong-ro, Yeongdo-gu, Busan





After Rabat (Morocco) in 2018, Shanghai (China) in 2019 and Tartu (Estonia) in 2021, the LUCI Annual General Meeting 2022 takes place in Busan (South Korea). The LUCI AGM is a key event for urban lighting professionals from cities across the world to exchange experiences and learn from each other.

This year's AGM takes place within LUCI's 20<sup>th</sup> anniversary year that aims to build a common vision for the Future of Urban Lighting.



### More information

- Free participation for LUCI members (accommodation included)
- 300 euros for non-LUCI members (accommodation not included)

### LUCI Association

13 rue du Griffon 69001 Lyon - France

+33 6 62 77 73 05 |    LUCIassociation

[www.luciasociation.org](http://www.luciasociation.org) | [luci@luciasociation.org](mailto:luci@luciasociation.org)