

Editorial

Through its international events and activities which have brought together an exceptional amount of knowledge and experiences, LUCI has confirmed in 2011 its capacity to contribute to cities' urban lighting strategies.

The Cities under Microscope organized in Tallinn and in Liege, as well as the Annual General Meeting in Gothenburg, have offered detailed insights on some of the major issues in urban lighting. I am also very pleased to see the first outputs from the LUCI Commissions, which have produced a report on "The Economic and Cultural Benefits of Light Festivals" and a publication on "The Social Dimensions of Light".

By capitalizing on the LUCI Charter on Urban Lighting, launched in 2010, LUCI has also affirmed its growing influence as a global network. Officially signed by more than 30 cities, it is now used as a reference document at both local and international levels. In particular, it constitutes the backbone of the EU INTERREG IVC PLUS project on sustainable lighting, in which LUCI is involved as communication partner, and which has boosted our network's communication tools.

Finally, I am particularly proud of the inauguration of the first LightLinks project between Lyon and Jericho. I am also pleased that work is progressing on the second LightLinks project between Glasgow and Amathole, and I look forward to the launch of the third LightLinks project in 2012.

As LUCI will be celebrating its 10th anniversary at its next Annual General Meeting in Medellin (Colombia), we are looking forward to seeing these events and projects continue to raise awareness, inspire and support cities in their commitment to a better, more rational and sustainable use of light.

Councillor Allan Stewart

Deputy Lord Provost of Glasgow President of LUCI



Contents

About LUCI LUCI Executive Committee LUCI members LUCI Charter on Urban Lighting	3 . 4 and 5
EVENTS - Annual General Meeting - Cities under Microscope - LUCI at the Lyon Light Festival - LUCI partnerships	8 to 11
PRDJECTS - LUCI Commissions - EU project - LightLinks	12 to 15
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□	5 and 17
LUCI publications Communication Fast financial facts Save the date	19 20

About LUCI



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

The network brings together 64 municipalities across the world engaged in using light as a tool for sustainable urban development. It also includes 35 lighting professionals and companies as associated members.

www.luciassociation.org



The LUCI team

LUCI is composed of a permanent staff of three persons.

Albane Tabaka has joined LUCI as Project Manager to replace Raphaelle Leclerc who left her position in January 2012.



Alexandre Colombani General Manager



Albane Tabaka Project Manager



Nikita Junagade Communication Officer

LUCI Executive Committee

In accordance with the LUCI statutes established at the San Luis Potosi Annual General Meeting in 2008, the year 2011 saw the first renewal of the LUCI Executive Committee by one third.

Three new Executive Committee members were elected for three years at the Gothenburg AGM: the Cities of Lyon (re-elected), Gothenburg and Seoul.



Allan STEWART LUCI President Deputy Lord Provost, Glasgow City Council



Martine DE REGGE
LUCI Vice President
Deputy Mayor of Ghent,
responsible for public
works and mobility



Klaus-Peter HESSE LUCI Treasurer Member of Parliament, City of Hamburg

LUCI is governed by an Executive Committee composed of nine city members (voting members):

- Glasgow (UK)
- Gwangju (South Korea)
- Ghent (Belgium)
- Liege (Belgium)
- Hamburg (Germany)
- Lyon (France)
- Chartres (France)
- Seoul (South Korea)
- Gothenburg (Sweden)

It also includes three representatives from amongst the associated members (non voting members):

Philips | Schréder | Thorn Lighting



LUCI members Russia Canada Mongolia NORTH ATLANTIC OCEAN United States China Algeria Libya Egypt India Brazil INDIAN OCEAN SOUTH ATLANTIC OCEAN Australia Argentina SOUTH PACIFIC OCEAN **64** member cities **35** associated members SOUTHERN OCEAN

SOUTHERN OCEAN

SOUTHERN OCEAN

LUCI members

64 member cities*

- Abomey (Benin)
- Abu Dhabi (United Arab Emirates)
- Ans (Belgium)
- Batumi (Georgia)
- Brussels (Belgium)
- Bucharest (Romania)
- Budapest (Hungary)
- Burgos (Spain)
- Changwon (South Korea)
- Chartres (France)
- Dubrovnik (Croatia)
- Eindhoven (The Netherlands)
- Ghent (Belgium)
- Geneva (Switzerland)
- Gimhae (South Korea)
- Glasgow (United Kingdom)
- Gothenburg (Sweden)

- Guangzhou (China)
- Guadalajara (Mexico)
- Gwangju (South Korea)
- Hamburg (Germany)
- Helsinki (Finland)
- Helsingborg (Sweden)
- Ho Chi Minh (Vietnam)
- Hue (Vietnam)
- Jelenia Góra (Poland)
- Jericho (Palestinian Territories)
- Jerusalem (Israel)
- Jyväskylä (Finland)
- Le Havre (France)
- Leipzig (Germany)
- Liège (Belgium)
- Lyon (France)

- Malaga (Spain)
- Marseille (France)
- Medellin (Colombia)
- Milan (Italy)
- Montreal (Canada)
- Morelia (Mexico)
- Moscow (Russia)
- Nanjing (China)
- Osaka (Japan)
- Oslo (Norway)
- Ouagadougou (Burkina Faso)
- Paris (France)
- Pau (France)
- Perth (Australia)
- Putrajaya (Malaysia)
- Rabat (Morocco)
- Ramallah (Palestinian Territories)

- Rotterdam (The Netherlands)
- Rome (Italy)
- Saint Etienne Métropole (France)
- Saint Paul de Vence (France)
- Seoul (South Korea)
- Shanghai (China)
- Stavanger (Norway)
- Tallinn (Estonia)
- Taxco de Alarcon (Mexico)
- Toulouse (France)
- Turin (Italy)
- Valladolid (Spain)
- Varna (Bulgaria)
- Yerevan (Armenia)

35 associated members*

- Alain Guilhot Lumière
- ARTLUMIERE
- Artichoke
- Aubrilam
- Blachère Illumination
- Budotechnika
- CDO LumiVille
- Citelum
- Cluster Lumière
- Cobalt

- Côté Lumière
- Danish Lighting Innovation Network
- Eandis
- INSA Lyon
- GE Lighting
- Inéo
- Institute of City Planning -Duisburg Essen
- L'Acte Lumière

- Leipziger Leuchten
- Les Eclaireurs
- Messe Frankfurt
- Moment Factory
- Partenariat du Quartier des spectacles - Montréal
- Philips Lighting
- Phoenix Communications
- Orpin de Lune

- Radiance 35
- Sapa Pole Products
- Schréder
- Thorn Lighting
- VNISI
- Winter Magic Amsterdam
- Xavier de Richemont
- Yang Guang Lighting Service
- ZHONGTAI Lighting

LUCI Charter on Urban Lighting



Promoting a culture of sustainability in lighting

The LUCI Charter on Urban Lighting marks the network's commitment to sustainable development. It aims to give a clear view of the issues that should be taken into account by sustainable lighting strategies, while simultaneously gathering LUCI members around a common vision of urban lighting. It is the product of contributions from more than 40 cities around the world and over a year of work led within the network by the City of Leipzig.

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



Signatory cities

One year after its presentation, almost half the LUCI member cities have signed the Charter, and many others have committed to sign it in the coming year at the next LUCI Annual General Meeting in Medellin (Colombia) in November 2012.

At the moment there are 30 signatory cities, 7 of which engaged themselves in 2011.

- Brussels (Belgium)
- Budapest (Hungary)
- Chartres (France)
- Changwon (Korea)
- Eindhoven (The Netherlands)
- Ghent (Belgium)
- Glasgow (U.K.)
- Gothenburg (Sweden)
- Guadalajara (Mexico)
- Gwangju (Korea)
- Hamburg (Germany)
- Helsinki (Finland)
- Jerusalem (Israel)
- Leipzig (Germany)
- Le Havre (France)

- Liège (Belgium)
- Lyon (France)
- Morelia (Mexico)
- Moscow (Russia)
- Osaka (Japan)
- Pau (France)
- Paris (France)
- Puebla de Los Angeles (Mexico)
- Rabat (Morocco)
- Rotterdam (The Netherlands)
- Seoul (Korea)
- Saint Etienne Métropole (France)
- Saint Paul de Vence (France)
- Taxco de Alarcon (Mexico)
- Tallinn (Estonia)

Cities that signed in 2011 are in bold

EVENTS

Annual General Meeting

Key event of the LUCI calendar, the Annual General Meeting (AGM) is the occasion to hold conferences, LUCI Commission meetings and the city.people.light award ceremony, as well as to discover the host city and its lighting policy. After Gwangju (Korea) in 2009 and Chartres (France) in 2010, cities and lighting professionals worldwide were invited to Gothenburg (Sweden) for the LUCI AGM 2011.





AGM 2011 in Gothenburg (Sweden)

16th to 19th November 2011

- 145 participants
- 28 cities and 18 associated members represented
- Signature of the LUCI Charter on Urban Lighting by new cities
- 8 conference sessions on lighting design, projects and temporary events in Gothenburg
- 3 Commission meetings:
 - The economic and cultural benefits of lighting festivals
 Culture Commission chaired by the City of Glasgow
 - Evaluating sustainable lighting strategies
 LUCI Charter on Urban Lighting Commission chaired by the City of Leipzig
 - PLUS Public Lighting Strategies for Sustainable Urban Spaces
 Sustainable Lighting Commission chaired by the City of Eindhoven
- 10 presentations during the speed networking session

 Jyväskylä / Geneva / Medellin / Guangzhou / Taxco de Alarcon / Eindhoven

Jyvaskyla / Geneva / Medellin / Guangzhou / Taxco de Alarcon / Eindhover / Gothenburg / Varna / Rotterdam / Dansk Lys and Cluster Lumière

■ Philips / LUCI city.people.light award ceremony

Organized with the support of LUCI associated members: Blachère, Philips and Thorn

EVENTS

Cities under Microscope

LUCI City under Microscope events enable participants to discover the lighting strategy of a member city over a two-day period. They include field visits and technical conferences on permanent and temporary lighting projects. The two Cities under Microscope of 2011 were held in Tallinn (Estonia) and Liège (Belgium).



City under Microscope in Tallinn (Estonia)

2nd to 5th February 2011

- 102 participants
- 19 cities and 10 associated members represented
- Themes and highlights:
 - The past and present of street lighting in Tallinn
 - LED test street project and results
 - The lighting design process for Tallinn's town hall square
 - Festivities of the Fire and Ice

Organized with the support of LUCI associated members: GE Lighting and Philips







Cities under Microscope



City under Microscope in Liège (Belgium)

28th September to 1st October 2011

- 89 participants
- 19 cities and 12 associated members represented
- Themes and highlights:
 - Liège lighting masterplan
 - Focus on social lighting:
 - Presentation of the LUCI publication "The Social Dimensions of Light"
 - Conference on "Social lighting" with presentations from Rotterdam / Le Havre / Bangkok / Ghent / Rio de Janeiro
 - Social lighting workshop and Guerrilla Lighting in Sclessin with the Social Light Movement
 - Lighting event in Liège : "La nocturne des coteaux de la Citadelle"

Organized with the support of LUCI associated members: Philips and Schréder

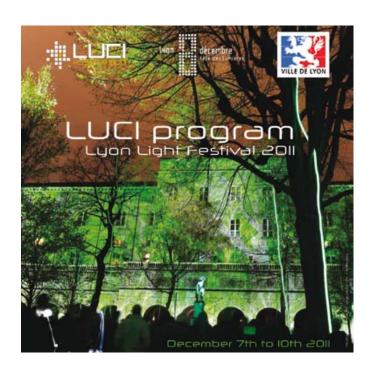




EVENTS

LUCI at the Lyon Light Festival

The LUCI program at the Lyon Light Festival in December is the fourth highlight of the LUCI calendar. Every year, LUCI offers its members a special program of conferences and events including the "Rencontres de la Lumière" conference organized in collaboration with the City of Lyon.



LUCI at the Lyon Light Festival 2011 (France)

7th to 10th December 2011

- 216 participants
- 32 cities and 20 associated members represented
- A program including:
 - The "Rencontres de la Lumière 2011" conference on the theme "Lighting and bringing the city to life with the inhabitants"
 - A meeting with the artists, lighting designers and organization team of the Lyon Light Festival
 - The Auroralia award ceremony organized by Schréder and LUCI
 - ForumLED conference and exhibition









LUCI partnerships





LUCI partnerships with trade fairs

LumiVille

/ Lyon (France)

May 2011

- LUCI stand at the "Cities of Light area" with the cities of Chartres, Eindhoven, Lyon, Toulouse, Birmingham, Montreal, lasi, Eindhoven and Valladolid, as well as PLUS, the INTERREG IVC EU project
- LUCI conference on "City marketing and urban lighting"

Guangzhou International Lighting Exhibition

/ Guangzhou (China)

June 2011

■ LUCI stand and exhibition at the "Lighting Design Gallery"

LUCI partnerships in conferences and events

Guangzhou Light Festival

/ Guangzhou (China) September 2011

Moscow Light Festival

/ Moscow (Russia)
October 2011

PLDC 2011

/ Madrid (Spain) October 2011

ForumLED Europe

/ Lyon (France)
December 2011



PROJECTS

LUCI Commissions

LUCI Commissions are created upon proposal from a city and pursue projects or research addressing major issues in urban lighting. By bringing together the existing knowledge within the LUCI network, they aim to help cities progress towards a better, more sustainable use of light.

Five Commissions have been active within LUCI in 2011:



Urban Strategies led by the City of Liège

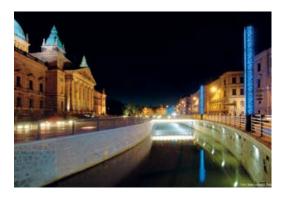
Since 2009 the Urban Strategies Commission has been specifically focused on the social aspects of light. The Commission, in partnership with the University of Liège (LEMA), has worked on a publication that aims to define and illustrate this new concept, through exemplary and innovative experiences worldwide. The publication, entitled "The Social Dimensions of Light", was presented during the LUCI City under Microscope in Liège in September 2011.



Culture led by the City of Glasgow

The Culture Commission explores the use of lighting to reinforce a city's culture and history. In 2010 it initiated a research project to evaluate the economic and cultural benefits of light festivals for host cities, in cooperation with the Cambridge Policy Consultants agency. The final report of this study focuses on 10 case studies worldwide (Chartres, Durham, Eindhoven, Glasgow, Gothenburg, Jerusalem, Lyon, Medellin, Montreal and Osaka). It was presented at the LUCI AGM 2011 in Gothenburg, where the participants were invited to discuss the various recommendations made on the evaluation of light events.

LUCI Commissions



Charter on Urban Lighting led by the City of Leipzig

Launched in 2010, the LUCI Charter on Urban Lighting has been signed by over 30 cities to date. It commits cities to evaluate the progress of their public lighting policies with regard to the principles of the Charter.

In collaboration with Professor Alexander Schmidt from the University of Duisburg Essen (Germany), the Charter on Urban Lighting Commission is therefore currently working on the elaboration of a public lighting survey for signatory cities. The analysis of the survey results will be presented at the LUCI Annual General Meeting 2012 in Medellin (Colombia).



Sustainable Lighting led by the City of Eindhoven

The City of Eindhoven is involved in two EU projects on the topic of sustainable lighting - BLISS (Better Lighting for Sustainable Streets) and PLUS (Public Lighting Strategies for Sustainable Urban Spaces). In the framework of this Commission, Eindhoven aims to share the knowledge developed within these two programmes with LUCI members.

The LUCI AGM 2011 was the occasion to present the first outputs and results of PLUS, with a presentation on the use of LEDs for public lighting in Lyon, one of the partner cities in the project.



Tourism and Lighting led by the City of Chartres

Launched in 2011, this Commission aims to identify the key factors that determine how a lighting strategy can contribute to the touristic development of a destination. It has involved LUCI member cities in a publication on the topic of tourism and lighting, realized in partnership with Atout France (the national promotional agency linked to the French Ministry of Tourism).

The Commission will present the results of this work including testimonies and case studies from all over the world, at the LUCI Annual General Meeting in Medellin 2012.

EU project

PLUS (Public Lighting Strategies for Sustainable Urban Spaces), financed by the EU's INTERREG IVC programme, capitalizes on existing urban lighting best practices in European cities. The project aims to help cities develop their lighting policies in order to implement energy efficient lighting solutions. The City of Eindhoven is the lead partner of this project which involves 11 cities across Europe, as well as LUCI.



Partners:

Eindhoven / Bassano del Grappa / Birmingham / Burgos / lasi / Leipzig / Lyon / Nice / Patras / Sofia / Tallinn / LUCI

ProgrammeINTERREG IV C

Total budget 1 689 508 €

Duration October 2010 to December 2012





As the partner in charge of communication, LUCI has been able to initiate various new tools and activities:

- Inclusion of four additional pages on sustainable lighting in the LUCI newsletter
- Organisation of three conferences
 - Presentation of the PLUS best practice exchange methodology at the City under Microscope in Tallinn.
 - The "PLUS briefing" on sustainable lighting organized in Brussels (28 September 2011).
 - Conference on LEDs in public lighting at the Gothenburg Annual General Meeting 2011.

PLUS website including

- An urban lighting best practice database, the "PLUS showcase" which brings together 25 exemplary urban lighting experiences initiated by municipalities worldwide.
- News, information and articles on current issues in sustainable lighting.
- Links to other EU and international projects and initiatives in sustainable urban lighting.





PROJECTS

LightLinks

As part of their commitment to extend the benefits of urban lighting to the inhabitants of cities in developing nations, LUCI and Thorn have joined forces to launch LightLinks. Through this initiative, Thorn and LUCI, in collaboration with CLSF, promote international solidarity by supporting the cooperation between cities from developed and developing countries on urban lighting projects.

In 2011, LightLinks inaugurated its first project in Jericho!

Lyon (France) / Jericho (Palestine)

First LightLinks project

The new illumination scheme for Hisham's Palace was inaugurated on the 12th of May 2011. This first LightLinks project linked the cities of Jericho and Lyon, to illuminate Jericho's famed archaeological sites - Hisham's Palace and the "Tree of Life" fresco. The project has brought these areas to life at night and will surely stimulate tourism and positively impact the local community.



Second LightLinks project

Glasgow (UK) / Amathole (South Africa)

The LightLinks team is currently working on helping the City of Amathole illuminate three historical sites – the City Hall, the Art Centre in Mndantsane and potentially, the Steve Biko bridge. The project is entering its final phase with a field trip planned for spring 2012 to conduct lighting tests and information workshops.



THORN and LUCI announced the launch of the 3rd LightLinks project in November 2011.

Cities are invited to send in their lighting cooperation project proposals, taking the following issues into account: concrete benefits for the local population, sharing and transfer of knowledge between two cities, sustainability and respect for the environment, and long-term viability.

Deadline for entries: 30 June 2012

The winning partnership will be announced at the LUCI Annual General Meeting in Medellin (Colombia) in November 2012.





THORN

International city.people.light award

The international city.people.light award was created in 2003 by Philips and LUCI. Each year, it rewards three cities that best integrate the notions of "city", "people" and "light" in a coherent lighting strategy that re-humanizes the urban landscape. Over the years, this annual competition has gained an international reputation with more than 192 entries since its creation. **PHILIPS**



First Prize: Valladolid (Spain) The "Rivers of Light" project

192 entries since 2003 | **24** entries in 2011

Jury 2011

- Jaime Briales Director of the Municipal Energy Agency of Malaga
- Joël Lavergne Director of the Public Lighting Department, City of Toulouse
- Anna Shakparunyants General Director, Russian Lighting Research Institute
- Prof. Volker von Kardorff Lighting Designer, Kardorff Ingenieure
- Maarten van de Voorde Architect and Urban Designer, West 8

http://www.lighting.philips.com/main/lightcommunity/trends/cpl/



Second prize: Rotterdam (The Netherlands) The "Broken Light" project



Third prize: Kanazawa (Japan) Lighting for the Kanazawa Castle Park



Special mention: Le Havre (France) "The Wave" lighting project

Auroralia award

The Auroralia competition, initiated by Schréder and LUCI, rewards cities that have implemented high quality exterior lighting projects that minimise their environmental footprint in the most noticeable, exemplary and original way. The winning entries are selected by a jury composed of individuals from the international press specializing in environment, urban planning and lighting design.



Jury 2011

- Jean-Philippe Cols
 Paysage Urbain,
 Editor in Chief
- Carlos Marti
 Ciudad Sostenible, Director
- Clémence Mathieu Ecologik, Assistant Editor
- Marco Palandella
 LUCE e Design, Lighting
 Designer & Editorial Contributor

19 entries in 2011

http://www.auroralia.org/



First Prize: Arraiolos (Portugal) LED lighting of the historical city centre



Second prize: Nivelles (Belgium) New lighting plan "Nivelles, Heart of light" for the main city square



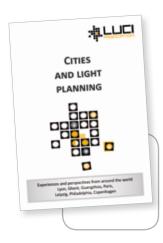
Third prize: St Helens (UK) Renovation of lighting around St Helen's College



Special mention: Remchingen (Germany) Energy efficiency programme "1000 LED luminaires for Remchingen"

LUCI publications

Through its reports and publications LUCI aims to bring together the wealth of knowledge existing within the network, and to promote exemplary practices on various issues related to lighting. These initiatives include contributions from cities worldwide as well as universities, lighting designers and other lighting professionals. In 2011, LUCI produced three publications:



Cities and Light Planning

LUCI's first publication, "Cities and Light Planning", was presented during the

2010 "Rencontres de la Lumière" conference. Based on presentations made at LUCI conferences in 2009, the publication brings together chapters by representatives from Paris, Copenhagen, Lyon, Guangzhou, Leipzig and Ghent on their respective cities' perspectives, challenges and strategies regarding light planning.

The publication was compiled by LUCI in partnership with the INSA Lyon (National Institute of Applied Science).

114 pages - English and French

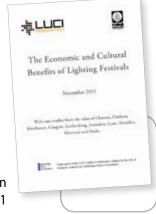


The Social Dimensions of Light

LUCI's second publication was presented in 2011 during the City under

Microscope in Liège. It was realized in collaboration with the University of Liège (LEMA), in the framework of the LUCI Urban Strategies Commission chaired by the City of Liège. "The Social Dimensions of Light" aims to define the concept of social lighting and draws attention to concrete experiences and exemplary practices in this domain with case studies from 12 cities world-wide such as Medellin, Bangkok, Rotterdam, Gothenburg, Gwangju, Brussels, Rio de Janeiro and Le Havre, among others.

230 pages - English and French



The Economic and Cultural Benefits of Light Festivals

This report is the result of a study realized by the

LUCI Culture Commission chaired by the City of Glasgow, in collaboration with Cambridge Policy Consultants. Through contacts with 26 cities hosting more than 30 light events and detailed case studies from 10 cities (Chartres, Durham, Eindhoven, Glasgow, Gothenburg, Jerusalem, Lyon, Medellin, Montreal and Osaka), the Commission has collected a wealth of information on how cities measure and demonstrate the success of their events. This report was presented at the LUCI Annual General Meeting 2011 in Gothenburg.

103 pages - English

Communication



Newsletter

- 3 issues per year of the LUCI newsletter
- 4 language versions: English (printed), French, Spanish and Korean
- New design and page layout in 2011
- Inclusion of 4 pages on sustainable lighting in the framework of the PLUS project

Press coverage

LUCI promotes its members and activities through the international media coverage it receives





Website

New LUCI website in 2011

- New space for LUCI members and associated members
- More news and information on current events within LUCI and beyond
- New best practice database initiated in the framework of the PLUS website

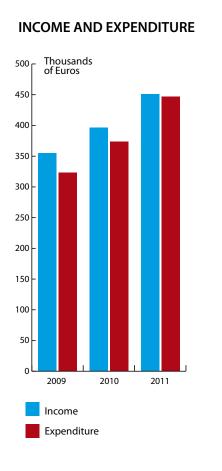
www.luciassociation.org

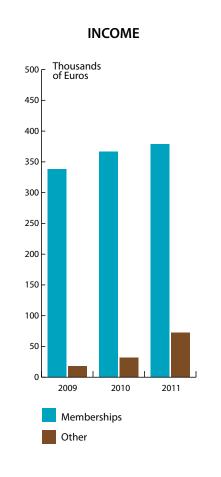
Reports from LUCI events and conferences

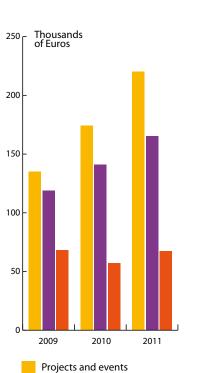
LUCI conference presentations are made available to members on the LUCI extranet

http://extranet.luciassociation.org/extranet/

fast financial facts







Salaries

Operating expenses

EXPENDITURE

Save the date!

Main LUCI events in 2012



City under Microscope in Eindhoven (The Netherlands)
14-17 March



Annual General Meeting 2012 in Medellin (Colombia)
14-18 November



LUCI at Light+Building, Frankfurt (Germany) 18 April



LUCI program at the Lyon Light Festival (France)



City under Microscope in Jyväskylä (Finland) 19-22 September



Photograph copyrights

Page 1

© Dick Gillberg, Goteborg&Co

Page 2

© Alain Grandchamp, Documentation photographique VdG

Page 3

© Ian Watson, Glasgow City Council

Page 7

© Tommy Holl, City of Gothenburg

Page 8

- © City of Tallinn
- © Marten-Ingmar Merivee, City of Tallinn

Page 9

- © Guerrilla Lighting photography by Erik Lamay, Juliette de Salle and Michael Inzillo
- © Marc Verpoorten, City of Liege

Page 10

- © Frédéric Guignard Perret, City of Lyon
- © Muriel Chaulet, City of Lyon

Page 11

- © PLUS
- © Liu Sili
- © Petr Ushanov, 2011 nightcitylights.com

Page 12 and 13

- © City of Liege
- © Glasgow City Council
- © Christiane Eisler, City of Leipzig
- © Claus Langer, City of Eindhoven
- © City of Chartres, design: Roger Narboni, Concepto, photograph: F Delauney

Page 14

© Municipality of Bassano del Grappa

Page 15

- © LUCI
- © Glasgow City Council

Page 16

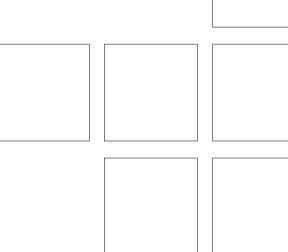
- © Luis Laforga
- © Rudolf Teunissen
- © City of Kanazawa
- © Philippe BREARD

Page 17

- © Auroralia, Council of Arraiolos
- © Auroralia, City of Nivelles
- © Auroralia, City of St Helens
- © Auroralia, City of Remchingen

Page 21

- © Verse Beeldwaren, City of Eindhoven
- © Petra Welzel, Messe Frankfurt Exhibition GmbH
- © epm
- © Juhana Konttinen
- © Frédéric Guignard Perret, City of Lyon





•		

