The year 2010 has marked an important step in the evolution of LUCI since its creation in 2002 by the City of Lyon.

The new governance has led to the first change of the LUCI office bearers, and it is a privilege and an honour for Glasgow to assume the role of President. I am also pleased that Jean-Michel Daclin’s achievements have been recognised with the title of Honorary President.

The year was also marked by the elaboration of the Charter on Urban Lighting by LUCI cities. It not only reinforces the network’s identity, vision and objectives, but also demonstrates our commitment to tackling the issue of sustainability in developing urban lighting strategies.

Finally, the continued success of LUCI events in 2010, especially its Cities under the Microscope in Ghent (Belgium) and Malaga (Spain), as well as the Annual General Meeting in Chartres (France), has also shown the good health of the association.

These developments, as well as LUCI’s experience and the specific knowledge it gathers within its network, have all contributed to making it a recognized institution in the lighting world and have opened many new perspectives for the future, both at European and international level.

It is therefore with enthusiasm and confidence that I look forward to continuing to work together on a wide variety of activities and projects in 2011.

Councillor Allan Stewart  
Deputy Lord Provost of Glasgow  
President of 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.

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 urban lighting.

www.luciassociation.org

The LUCI team

Alexandre Colombani
General Manager

Raphaëlle Leclerc
Project Manager

Nikita Junagade
Communication Officer
LUCI Executive Committee

Following the amendments in LUCI statutes voted at the San Luis Potosi AGM in 2008, the year 2010 saw several changes in LUCI governance.

Jean-Michel Daclin, Deputy Mayor of the City of Lyon and Former President of LUCI, was replaced by Allan Stewart, Deputy Lord Provost of Glasgow City Council, who will occupy the position for the next two years.

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

- Glasgow (UK)
- Ghent (Belgium)
- Hamburg (Germany)
- Chartres (France)
- Gwangju (South Korea)
- Leipzig (Germany)
- Liege (Belgium)
- Lyon (France)
- Moscow (Russia)

Jean-Michel Daclin was named Honorary President of LUCI at the last AGM in Chartres

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

Philips | Schréder | Thorn Lighting
64 member cities  35 associated members
11 new member cities in 2010  9 new associated members in 2010
**LUCI members**

**LUCI member cities**
- Abu Dhabi (United Arab Emirates)
- Algiers (Algeria)
- Ans (Belgium)
- Batumi (Georgia)
- Boca del Río (Mexico)
- Brussels (Belgium)
- Budapest (Hungary)
- Changwon (South Korea)
- Chartres (France)
- Dubrovnik (Croatia)
- Eindhoven (Netherlands)
- Gent (Belgium)
- Geneva (Switzerland)
- Gimhae (South Korea)
- Glasgow (United Kingdom)
- Gothenburg (Sweden)
- Guangzhou (China)
- Gwangju (South Korea)
- Hamburg (Germany)
- Helsinki (Finland)
- Ho Chi Minh (Vietnam)
- Hue (Vietnam)
- Incheon (South Korea)
- Istanbul (Turkey)
- Janakpur Dham (Nepal)
- Jelenia Góra (Poland)
- Jericho (Palestinian Territories)
- Jerusalem (Israel)
- Jyväskylä (Finland)
- Le Havre (France)
- Leipzig (Germany)
- Liege (Belgium)
- Lyon (France)
- Malaga (Spain)
- Marseille (France)
- Medellín (Colombia)
- Montreal (Canada)
- Morelia (Mexico)
- Moscow (Russia)
- Nanjing (China)
- Osaka (Japan)
- Ouagadougou (Burkina Faso)
- Paris (France)
- Pécs (Hungary)
- Puebla de Los Angeles (Mexico)
- Putrajaya (Malaysia)
- Rabat (Morocco)
- Ramallah (Palestinian Territories)
- Rotterdam (Netherlands)
- Saint Étienne (France)
- Saint Paul de Vence (France)
- San José (Costa Rica)
- San Luis Potosí (Mexico)
- Seoul (South Korea)
- Shanghai (China)
- Stavanger (Norway)
- Tallinn (Estonia)
- Taxco de Alarcón (Mexico)
- Toulouse (France)
- Turin (Italy)
- Valladolid (Spain)
- Varna (Bulgaria)
- Yerevan (Armenia)

**LUCI associated members**
- ABG Profservice
- AE&T
- Alain Guilhot Lumière
- Architecture Lumière
- ARTLUMIERE
- Aubrilam
- Blachère Illumination
- CDO LumiVille
- Citelum
- Cobalt
- Congo Bleu
- Côté Lumière
- Eandis
- Elmark Light
- Equipe Développement Urbain - INSA
- GE Lighting
- Inéo
- Institute of City Planning - Duisburg Essen
- L’Acte Lumière
- Leipziger Leuchten
- Lys & Lyd Project
- Messe Frankfurt
- Moment Factory
- Philips
- Phoenix Communications
- Plan A - Vision Urbaine
- Partenariat du Quartier des spectacles
- Radiance 35
- Sapa Pole Products
- Schréder
- Son et Lumière
- Thorn
- Valeeva Elena
- Xavier de Richemont
- Ximénez
- Yang Guang Lighting Service

**New member cities in 2010**
- ABG Profservice
- AE&T
- Alain Guilhot Lumière
- Architecture Lumière
- ARTLUMIERE
- Aubrilam
- Blachère Illumination
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- Schréder
- Son et Lumière
- Thorn
- Valeeva Elena
- Xavier de Richemont
- Ximénez
- Yang Guang Lighting Service
The LUCI Charter on Urban Lighting is a major step in the evolution of the LUCI network. It aims to bring cities together around common principles in lighting and to mark the network’s commitment to sustainable development. It is the product of contributions from more than 40 cities around the world and more than a year of work led within the network by the City of Leipzig.

Promoting a culture of sustainability in lighting

This Charter 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. 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.

“With the “Leipzig Charter on Sustainable European Cities” signed by the European minister’s conference in 2007, Leipzig’s name has become synonymous with sustainability throughout Europe. With the “LUCI Charter on Urban Lighting” Leipzig is continuing on its path in the field of sustainable urban lighting.”
Wolfgang Kunz, Head of the City Planning Office, Leipzig (Germany)

“The City of Ghent ratified the international LUCI Charter on Urban Lighting because it contains all the policy goals which the City of Ghent has already integrated in its own lighting strategy and environmental policy.”
Martine De Regge, Deputy Mayor of Public Works and Mobility, City of Ghent (Belgium)

“The Charter is a positive step for our growing network and reflects the commitment of our cities to tackling this issue and promoting responsible urban lighting.”
Councillor Allan Stewart, Deputy Lord Provost, Glasgow City Council (UK)

“The LUCI Charter on Urban Lighting marks a new stage in the development of the LUCI network and reinforces LUCI’s role in setting the international agenda on urban lighting.”
Jean-Michel Daclin, Deputy Mayor, City of Lyon (France)
Announcing the Charter

The Charter was presented in Paris during a press conference that brought together over 20 local, national and international journalists. It was officially signed during the LUCI Annual General Meeting in Chartres (Sept. 15-19).

The Charter tomorrow

LUCI plans to organise a major event every two years focusing on cities and sustainable lighting to discuss and review the progress made regarding the Charter. A new Commission, led by the City of Leipzig, has also been set up to discuss steps forward.

Signatory cities

Less than 4 months after its presentation, half of LUCI member cities are already engaged in the Charter. At the moment, there are 30 signatory cities (cities waiting for validation from their city councils are in italics):

- Brussels (Belgium)
- Budapest (Hungary)
- Chartres (France)
- Changwon (Korea)
- Eindhoven (the Netherlands)
- Ghent (Belgium)
- Glasgow (U.K)
- Gothenburg (Sweden)
- Gwangju (Korea)
- Hamburg (Germany)
- Helsinki (Finland)
- Jerusalem (Israel)
- Leipzig (Germany)
- Lyon (France)
- Morelia (México)
- Moscow (Russia)
- Osaka (Japan)
- Puebla de Los Ángeles (México)
- Rabat (Morocco)
- Rotterdam (the Netherlands)
- Seoul (Korea)
- St Paul de Vence (France)
- Taxco de Alarcón (México)
- Tallinn (Estonia)
- Abomey (Benin)
- Incheon (Korea)
- Malaga (Spain)
- Montreal (Canada)
- Valladolid (Spain)
The LUCI Annual General Meeting (AGM) brings together all the members of LUCI in one of its member cities for its General Assembly. This is also the occasion to hold conferences, Commission meetings, speed networking sessions, the city.people.light award ceremony as well as to discover the host city and its lighting policy. After San Luis Potosi (Mexico) in 2008 and Gwangju (Korea) in 2009, the LUCI AGM returned to Europe in 2010, taking place in Chartres (France).

**AGM 2010 in Chartres (France)**
15th to 19th September 2010
- 130 participants
- 32 cities and 21 associated members represented
- The official signature of the LUCI Charter on Urban Lighting
- 3 Commission meetings
- 9 presentations during the speed networking session
- 1 conference on “Light, tourism and heritage”

*Organized with the support of LUCI associated members: Philips and Thorn*
The Cities under Microscope (CUM) offer the opportunity for LUCI members to discover the lighting strategy of a member city over a consecutive two-day period. This type of event is highlighted by field visits and technical conferences on very specific subjects. The two Cities under Microscope 2010 were held in Ghent (Belgium) and Malaga (Spain).

**CUM in Ghent (Belgium)**
24th to 26th February 2010
- 105 participants
- 25 cities and 16 associated members represented
- Focus on: the Ghent Light Plans I and II, energy efficiency, Christmas and New Year’s lighting, disruptive lighting in shops and business parks

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

**CUM in Malaga (Spain)**
27th to 29th October 2010
- 80 participants
- 15 cities and 19 associated members represented
- Focus on: energy efficiency, LED use for street lighting, light pollution, Fair and Christmas lighting…

*Organized with the support of LUCI associated members: GE Lighting, Philips, Sapa Pole Products and Iluminaciones Ximénez*
Organized within the framework of various events, LUCI conferences aim to gather experiences and knowledge from cities throughout the world and to build a stronger basis for discussion and exchange within the network.

LumiVille / Lyon (France)  
June 2010  
- Conference on “Light festivals” during the Light Festivals Pavilion  
- More than 100 participants throughout the 2 days

2010 World Expo / Shanghai (China)  
September 2010  
- Conference on “Perspectives for master planning” during the Week of Light in the Rhône-Alpes Pavilion  
- 120 participants

“Les Rencontres de la Lumière” / Lyon (France)  
December 2010  
- Conference on “Water and light” in the framework of the Lyon Light Festival  
- 133 participants

**LUCI partnerships in conferences**

- Copenhagen (February): “Lighting design and policies”  
  Organized in the framework of the EU project Lys&Lyd

- Yokohama (May): “Enhancing cities with lighting”  
  Organized by Philips Japan

- Naples (June): “Lighting ancient urban sites”  
  Organized by the City of Naples and the University of Naples Federico II

- Istanbul (October): “Architectural Lighting Day”  
  Organized by PLD Turkey and Via Verlag

- Moscow (October): “Energy efficiency in lighting”  
  Organized by VNISI and Interlight Moscow for the 280th anniversary of public lighting in Moscow

- Forum LED Europe (December): “LED lighting users feedback” - case studies from cities  
  Organized by CDO / LumiVille
Reports from conferences

Systematic reports of LUCI conferences have been made and can be downloaded from the members’ area of the LUCI website. When possible, PowerPoint documents of these presentations are also made available on our extranet.

www.luciassociation.org/extranet

LUCI publication

“Cities and light planning”

The LUCI conferences resulted in the association’s first publication on “Cities and light planning”, presented during the 2010 “Rencontres de la Lumière” conferences. Based on presentations made at 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, in English and French, was compiled by LUCI in partnership with the INSA - University of Lyon (National Institute of Applied Science).
LUCI conducts various events for its members in partnership with trade fairs throughout the world. Such events are the occasion for LUCI members to not only discuss current trends and practices but also to keep up with the latest innovations developed in urban lighting.

**Light + Building / Frankfurt (Germany)**
LUCI organised a guided tour of the Light + Building fair (the specialist international trade fair for architecture and technology), as well as a night visit of the Luminale light festival, for its members (50 participants joined).

**Light Festivals Pavilion / Lyon (France)**
At LumiVille, LUCI was co-organizer of the Light Festivals Pavilion which presented various light festivals from all over the world to the 12,000 fair visitors. The LUCI cities of Leipzig, Geneva, Lyon, Eindhoven, Gwangju, Malaga, Chartres and Osaka participated in this initiative.

**Guangzhou International Lighting Exhibition / Guangzhou (China)**
After a conference on “Lighting master plans: changing and improving cities”, organised in partnership with GILE in June 2009, LUCI was invited in 2010 to occupy a stand in the Lighting Design Gallery of this lighting fair (which is the largest in Asia).
PLUS (Public Lighting Strategies for Sustainable Urban Spaces), financed by the EU’s Interreg IVC programme, will capitalise on existing public lighting good practices on energy efficiency to offer cities sustainable urban lighting solutions.

Objectives
PLUS aims to help decrease energy use and rationalize energy consumption related to public lighting. Its objective is to capitalise on existing good practices and results related to energy saving and efficiency in order to offer viable solutions to the environmental challenges faced by each partner city.

Partners
The project unites 11 cities: Eindhoven, Nice Côte d’Azur, Lyon, Birmingham, Leipzig, Bassano del Grappa, Plovdiv, Patras, Burgos, Tallinn and Iasi. LUCI is the 12th partner specifically in charge of communication.

Action plan
Every partner city will host field visits, each focusing on a specific environmental challenge in the domain of lighting. This will enable the analysis of each partner’s existing public lighting strategies and the actions they’ve developed. Successes and shortcomings will be identified, and be compared to other partners’ experiences. Thus each “deep dive” session will lead to an individual set of recommendations, resulting in an improved public lighting strategy and action plan for participating cities and regions.
LUCI Commissions are created upon proposal from a city and pursue projects or research addressing some of the major issues in urban lighting. Four Commissions are currently leading activities within LUCI.

Culture Commission
*led by the City of Glasgow*

The Culture Commission explores the use of lighting to reinforce a city’s culture and history. It has recently initiated, in cooperation with the Cambridge Policy Consultants agency, a research project that will evaluate the economic and cultural benefits of light festivals for host cities. This research will explore this topic through the analysis of case studies from all over the world. The final report will be presented at the LUCI AGM in Gothenburg (Nov. 2011).

The Charter on Urban Lighting Commission
*led by the City of Leipzig*

This Commission will pursue the work on the LUCI Charter on Urban Lighting, which draws LUCI cities around certain common principles in urban lighting, while simultaneously emphasizing the network’s commitment to sustainable urban development. The Commission will continue to explore the next steps following the signature of the Charter and will determine appropriate indicators for a periodic evaluation of the lighting strategies of signatory cities.
Urban Strategies Commission
led by the City of Liege

Since 2009 the Urban Strategies Commission has been specifically focusing on the social aspects of light: for example the relationships individuals establish with their environment, identifying what role lighting can play, and what impact it can have on the urban environment in constant evolution. In partnership with the University of Liege (LEMA), the Commission is working on a publication which will aim at defining this new concept and illustrating it through exemplary and innovative experiences. This publication will be presented during the next City under Microscope in Liege (Sept. 2011).

Sustainable Lighting Commission
led by the City of Eindhoven

The City of Eindhoven is involved in two EU projects on sustainable lighting. In the framework of this Commission, Eindhoven will share and disseminate the knowledge developed in these two projects: BLISS (Better Lighting for Sustainable Streets) which was launched more than a year ago and PLUS (Public Lighting Strategies for Sustainable Urban Spaces) that was approved by the EU at the end of 2010. Eindhoven is the lead partner of the PLUS project which also involves three other LUCI cities (Lyon, Leipzig and Tallinn), as well as LUCI for all aspects linked to communication.
Since its inception, LUCI has been committed to extending the international scope of the network beyond activities limited to those in highly developed cities and countries. The LightLinks initiative, launched with the support of Thorn Lighting, promotes economic and social development by encouraging cities from low and high income countries to create partnerships on urban lighting projects.

First LightLinks project
**Lyon (France) / Jericho (Palestine)**
Lyon helped the Palestinian town of Jericho develop its urban lighting projects. Two sites in Jericho reaped the benefit of Lyon’s expertise to set up special lighting: the “Tree of Zacchaeus” and the archaeological site of “Hisham’s Palace”.

Second LightLinks project
**Glasgow (UK) / Amathole (South Africa)**
The project between the two cities will illuminate three sites in Buffalo City, Amathole: the City Hall, the retaining wall at Steve Biko Bridge, and the Arts & Craft Centre at Mdantsane.
The international city.people.light competition was created in 2003 by Philips and LUCI for local authorities that have improved the quality of urban life through lighting. Over the years, this annual competition has gained an international reputation with more than 168 entries from cities since its creation. In 2010, the City of Lucerne (Switzerland) won the first prize, Pau (France) was awarded the second prize and Gothenburg (Sweden) won the third.

First prize: Lucerne
“Plan Lumière”, a lighting concept for the City of Lucerne

Second prize: Pau
Illumination of the Pau castle at night and for special events

Third prize: Gothenburg
The port of Västra Eriksberg

The book “city.people.light award 2003 - 2010: 168 inspiring projects” was released by Philips and LUCI to commemorate 7 years of the city.people.light award. The book takes a look at all the 168 city lighting projects that have competed for the award so far.
Launched in 2009 by Schréder and LUCI, the Auroralia award acknowledges the three best initiatives by cities dealing with sustainable urban lighting. Its judging panel consists exclusively of members of the media specialising in lighting, ecology and sustainable development publications.

16 cities applied for the second edition of the competition in 2010, with Budapest (Hungary), Geneva (Switzerland) and Tilburg (The Netherlands) emerging as the three winners. Ghent (Belgium) was also granted a special mention.

Jury members 2010
- LUCE e Design – Marco Palandella
- Architectural Lighting – Elisabeth Donoff
- Paysage Urbain – Jean-Philippe Cols
- Ecologik – Quiterie Mahler
- Ciudad Sostenible – Carlos Marti

http://www.auroralia.org/

First prize: Budapest (Hungary)
Second prize: Geneva (Switzerland)
Third prize: Tilburg (The Netherlands)
Special mention: Ghent (Belgium)
As the new President, I am looking forward to this new chapter for LUCI. I am confident that LUCI will continue to grow and develop. I believe in LUCI’s value and mission. LUCI’s strength is its network of cities and the wealth of experience each city has. However, cities are made of people and we must ensure that people are at the heart of our actions. We are very satisfied with the technology projects that we have implemented: the stabilizers/reducers for the streetlighting network, the LED technology pilot projects, and the energy efficiency projects. Therefore, a strategy on energy efficiency has guided how we illuminate urban spaces. Following our recent engagement at the 18th Conference of the Parties to the United Nations Framework Convention on Climate Change in Poznan, we have added new axes for action. In the future, we hope to continue to turn the spotlight on energy efficiency and sustainable urban development. The Charter on Urban Lighting promotes a positive step, demonstrating our commitment to tackling this issue. LUCI’s strength is its network of cities and the wealth of experience each city has. However, cities are made of people and we must ensure that people are at the heart of our actions. We are very satisfied with the technology projects that we have implemented: the stabilizers/reducers for the streetlighting network, the LED technology pilot projects, and the energy efficiency projects. Therefore, a strategy on energy efficiency has guided how we illuminate urban spaces. Following our recent engagement at the 18th Conference of the Parties to the United Nations Framework Convention on Climate Change in Poznan, we have added new axes for action. In the future, we hope to continue to turn the spotlight on energy efficiency and sustainable urban development. The Charter on Urban Lighting promotes a positive step, demonstrating our commitment to tackling this issue.
Main LUCI events in 2011

CUM in Tallinn (Estonia)
2-5 February

AGM 2011 in Gothenburg (Sweden)
15-19 November

CUM in Liege (Belgium)
28-30 September

Lyon Light Festival (France)
December 8
<table>
<thead>
<tr>
<th>Month</th>
<th>Event</th>
<th>Location</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>February</td>
<td>City under Microscope * in Tallinn (Estonia)</td>
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<tr>
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<td>2-5</td>
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<tr>
<td>May</td>
<td>LumiVille / Inlight Expo trade fair (Lyon / France)</td>
<td>Lyon (France)</td>
<td>LUCI co-organizer of the international conference on “City marketing and urban lighting”</td>
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<td>June</td>
<td>Guangzhou International Lighting Exhibition (Guangzhou / China)</td>
<td>Guangzhou (China)</td>
<td>LUCI at the Lighting Design Pavilion</td>
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<td>9-12</td>
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<tr>
<td>September</td>
<td>City under Microscope * in Liege (Belgium)</td>
<td>Liege (Belgium)</td>
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<td>28-30</td>
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<tr>
<td>October</td>
<td>Professional Lighting Design Convention (Madrid / Spain)</td>
<td>Madrid (Spain)</td>
<td>LUCI official partner of the event</td>
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<td>20-22</td>
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<tr>
<td>November</td>
<td>LUCI Annual General Meeting * in Gothenburg (Sweden)</td>
<td>Gothenburg (Sweden)</td>
<td>General Assembly / Commission meetings / speed networking / city.people.light award ceremony</td>
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<td>15-19</td>
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<tr>
<td>December</td>
<td>LUCI program at the Lyon Light Festival (France)</td>
<td>Lyon (France)</td>
<td>&quot;Rencontres de la Lumière&quot; conferences / Forum LED / Auroralia award ceremony</td>
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* Major events organized by LUCI
As LUCI is concerned for the environment, this annual report is printed on recycled paper using vegetable oil based ink.