



ESOLi newsletter

Interested in adaptive outdoor lighting? Get support from ESOLi!

N°3

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ESOLi is supported by the “Intelligent Energy - Europe” program of the European Union, with the aim of promoting energy efficient solutions for street lighting Europe-wide and increasing the number of intelligent light point installations. **ESOLi offers information and support to municipalities** on specific public lighting issues and intends to support them by developing a series of practical tools. Some of these are already available on the project website and other ones will come soon. Keep an eye on www.esoli.org!

ESOLi at Light+Building 2012

Every second year, the industry presents its latest innovations for the fields of lighting, electrical engineering and house and building automation at the world’s leading trade fair for architecture and technology. The self-sufficient and sustainable use of energy is a subject of rapidly increasing importance in the modern world and also the main theme at Light+Building 2012 is energy efficiency.

Light+Building is the world’s biggest trade fair for lighting and building-services technology and it presents solutions which reduce energy consumption but increases the level of comfort. At the fair, everything is represented, from LED technology, via photovoltaic and???, to intelligent electricity consumption with smart metering and smart grids. Thanks to the combination of lighting and networked building-services technology, companies can present an integrated spectrum of products and services that make a decisive contribution to exploiting the energy-saving potential of buildings to the full.

The ESOLi consortium can’t miss this important meeting occasion of the sector, so **two ESOLi events will be organized right inside the Light+Building fair: a conference and a training session**. The conference will target mainly local authorities, while at the training session we expect the participation principally of lighting professionals; but also energy agencies, street lighting companies, consultants, scientific organizations and other professionals involved in public lighting will be warmly welcome at both events.

The ESOLi conference will provide interesting information about existing “intelligent” solutions for street lighting, including the presentation of best practice examples of realized lighting projects, explaining the advantages, energy and cost saving potentials of the implementation of smart technologies and control systems, facing also financial and regulation issues.

The ESOLi training session will deepen the technological aspects of adaptive street lighting with intelligent control. Anyone interested in intelligent street lighting solutions can participate, but the new generation of lighting professionals will be particularly welcome. Attendees will receive a certificate at the end of the course.

The venue and the detailed programme will be soon available on www.esoli.org .

Funding for lighting projects: the European Energy Efficiency Fund

The European Energy Efficiency Fund (EEEF) was launched on 1st July 2011: it's an innovative public-private partnership dedicated to mitigating climate change through energy efficiency measures and the use of renewable energy in the member states of the European Union. The fund offers market based financing to energy efficiency projects, **including the field of public lighting**.

The final beneficiaries of EEEF are municipal, local and regional authorities – alone or in groups - as well as public and private entities acting on behalf of those authorities such as utilities, public transportation providers, social housing associations, energy service companies etc. The Fund facilitates investments in the public sector, which offers enormous potential, but in which projects are often hindered or decelerated due to budget restrictions and lack of experience with this kind of investments.

EEEF observes the principles of sustainability and viability, combining environmental considerations and market orientation. It does so by financing economically sound projects based on proven technologies, allowing for a sustainable and revolving use of its means.

The Fund uses **Direct Investments** in order to reach the final beneficiaries. These comprise projects from project developers, energy service companies (ESCOs), small scale renewable energy and energy efficiency service and supply companies that serve energy efficiency and renewable energy markets in the target countries.

The EEEF provides financing for projects on municipal and regional levels. Funding can be allocated to projects in the sectors of **infrastructure (including public lighting)**, off-shore wind and carbon capture and storage, particularly in urban settings, achieving **at least 20% primary energy saving** or GHG/CO2 emission reduction. The eligible investment range for energy efficiency and renewable energy projects is between 5-25 million Euro.

Investment instruments include senior debt, mezzanine instruments, leasing structures and forfeiting loans (in cooperation with industry partners). Other possibilities are equity (co-)investments for renewable energy over the lifetime of projects or equity participation in special purpose vehicles, both in cooperation directly with municipalities, or with public and private entities acting on behalf of those authorities. Debt investments can have a maturity of up to 15 years; equity investments can be adapted to the needs of various project phases. The Fund can also (co-)invest as part of a consortium and participate through risk sharing with a local bank. The Fund should endeavor to invest in projects which will enhance the use of energy service companies providing guaranteed energy savings.

To find out more: <http://www.eeef.eu/>

The LightLinks initiative

The LightLinks initiative, first launched by LUCI (Lighting Urban Community International) and Thorn in 2009, aims to promote international solidarity by supporting the cooperation between cities from developed and developing countries on urban lighting projects. The objective of these projects is to bring sound benefits for the local population, raise awareness on urban lighting issues and contribute to the training of local city planners and lighting professionals.

After supporting the collaboration between Jericho/Lyon and Amathole/Glasgow, the **launch of a 3rd LightLinks project and call for applications** was announced last November at the LUCI Annual General Meeting in Gothenburg (Sweden). Cities are invited to send in their lighting cooperation project proposals, taking the following issues into account:

- sound benefits for the local population
- sharing and transfer of knowledge between two cities
- sustainability and respect for the environment
- long-term viability.

The deadline for applications is 30 June 2012. The entries will be judged by a panel of representatives from Thorn, LUCI and CLSF (Concepteurs Lumières Sans Frontières), along with lighting experts from cities that have been involved in international lighting cooperation projects. The winner will be announced at the LUCI Annual General Meeting in Medellin (Colombia) in November 2012.

You can find further information on <http://www.luciassociation.org/get-ready-to-apply-for-the-3rd-lightlinks-project.html> .

Lighting and energy efficiency news

In this section of the ESOLi newsletter you can find a selection of news about upcoming interesting events, open funding possibilities and other hints to get involved.

ESOLi workshop in Belgium: 8 March 2012, Brussels

In Belgium the ESOLi workshop will be organized on 8th March 2012 in the capital, Brussels. Due to the specific linguistic conditions of Belgium, 2 sessions are planned to be held on the same day, one in French and one in Dutch. For further information and inscription please contact marc.guiraud@elcfed.org.

Light+Building 2012: 15-20 April 2012, Frankfurt (Germany)

<http://light-building.messefrankfurt.com/frankfurt/en/besucher/willkommen.html>

The world's biggest trade fair for lighting and building-services technology will host expositors and visitors from all over the world. *Don't miss the two ESOLi events – conference and training session - at Light+Building!*

Spanish ESOLi workshops

The Spanish ESOLi partner, SECE, has just announced the preparation of 3 workshops in the first six months of 2012. The events will target mainly municipality technicians, tackling new tendencies and smart solutions in street lighting, especially remote control and dimming solutions, and the ESCo model as a way to introduce them. One of the workshops will be organized in Catalonia (in Tarragona or Girona), the other two in Murcia and Valencia. Exact dates and venues will be defined soon. For further information and inscriptions please contact rparadell@sece.com.

Second ESOLi workshop in Sweden

Gothenburg will organize their second national ESOLi workshop in Jönköping. Date and venue will be fixed at the beginning of 2012. For details and inscriptions please contact Lena.Siewert@kreativtjus.se.

EUSEW 2012

The European Sustainable Energy Week will take place between 18 and 22 June 2012. During that week hundreds of events organized in all parts of Europe will show, promote, discuss and celebrate renewable energy and energy efficiency. The detailed programme will be available on <http://www.eusew.eu/>.

The ESOLi Best Practice Catalogue is already available for download on the project website. Have a look at what others did and how much they've been saving!

Get involved! Don't hesitate to contact the ESOLi partners!

- Coordinator:** Sabine Piller
Berliner Energieagentur GmbH (BEA) Germany
- Partners:** European Lamp Companies Federation aisbl, Belgium
Black Sea Regional Energy Centre, Bulgaria
ELTODO EG, Czech Republic
SEVEN, Strediisko pro efektivni vyuzivani energie, o.p.s., Czech Republic
SITO Oy, Finland
City of Göteborg, Traffic and Public Transport Authority, Sweden
Selc Ireland Ltd, Ireland
Gruppo Impresa Finance s.r.l., Italy
Ekodoma, Latvia
Luminext BV, Netherlands
Agency for Road and Transport, City of Oslo, Norway
Krajowa Agencja Poszanowania Energii S.A., Poland
Building and Civil Engineering Institute ZRMK, Slovenia
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