



## LIFE-Diademe: First devices installed in Rome EUR

In early June 2017, Areti staff with the support of Reverberi installed the first two luminance traffic and weather conditions sensors (hereinafter LTM) on two public lighting points, located within the EUR district.



The activity, as set out in the meetings of the previous weeks, has been programmed and carried out in very tight times.

The LTM sensors have been installed at a height of 4.5 m from the road level with the lens pointed in the opposite way to the driving direction. Power cables have been connected to the junction box, so the user is fed simultaneously with the system.

In this installation, a connection device with a router and a GPRS module has been deployed, communicating directly with the Reverberi Enetec control center.

Dimming of the luminaires providing lighting service on involved road section, are activating adaptive lighting, in accordance with the latest CEN13201 and UNI1248 standards and are coordinated by the control centre that communicates with the remote-control module installed within the control panel



The next phases of the project are including the integration of another 100 “Diademe” devices in the first months of 2018 and further 900 by the end of same year.

## Eventi Life Diademe

**30/07/2017**

Website & Facebook online.

**18/09/2017**

Lux Europa, Ljubljana



## Lux Europa 2017: Invitation to the conference

Reverberi Enetec is actively taking part in the next edition of Lux Europa to be held in Ljubljana, Slovenia, from 18 to 19 September 2017. Theme of the conference: "**Lighting for Modern Society**".

Reverberi Enetec supports and actively promotes the event and will present, as part of a dedicated session, the LIFE-Diademe project: an innovative, efficient and sustainable system dedicated to smart lighting and widespread environmental sensors, co-financed by European LIFE programme.

Lux Europa represents today a global platform devoted to the exchange of concepts and information in the "lighting" context: from the discussion of issues related to lighting to the sharing of the most recent results developed by the world of scientific research.

Lux Europa supports the CIE (international lighting commission) and disseminates new concepts, knowledge and acquisitions, through a conference dedicated to Lighting that is held every four years in a different country.

Lighting designers, project leaders, students, luminaire manufacturers, lamps and drivers' OEM, but also curious and passionate are invited to take part in the conference.

## Barcelona 2017: LIFE platform Meeting

The platform meeting LIFE 2017 was held in Barcelona on June 2017. In the beautiful setting of the modernist "Saint Pau Art Nouveau" site of the Catalan capital, the most representative LIFE projects, from every part of Europe have met and exchanged together.

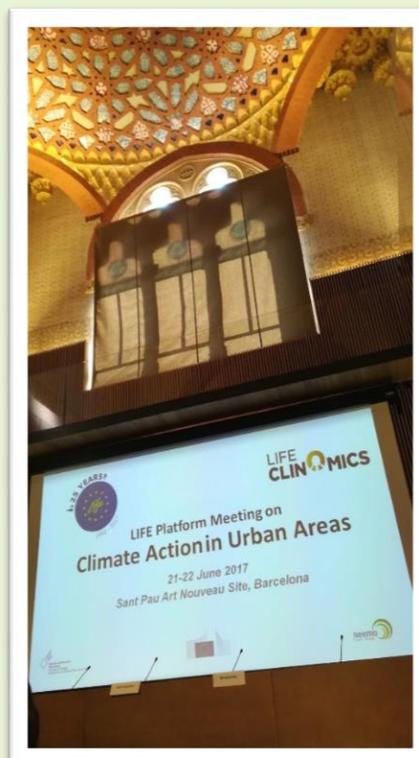
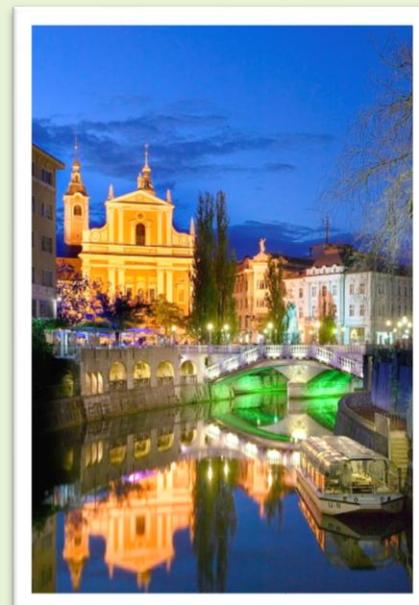
The event, organised by the executive Agency for small and medium-sized enterprises (EASME) and the Directorate-General for Climate Action (DG Clima) of the European Commission was hosted by the Provincial Council of Barcelona.

These two days brought together beneficiaries of the LIFE program, public authorities and other stakeholders from all over Europe to promote specific mitigation and adaptation actions in relation to climate change in the European and International urban context.

Continuous efforts as to mitigate climate change by reducing greenhouse gas (GHG) emissions across Europe are now increasingly coordinated through multiple adaptation strategies aimed at developing resilience in urban areas.

The Conference was an opportunity to learn about the measures taken by LIFE, the problems encountered and the solutions that have been developed

## LUX EUROPA 2017 European Lighting Conference



by the various projects financed. The Conference was an ideal opportunity for project teams to exchange experiences and know-how with other key actors on different issues related to urban adaptation and climate change mitigation, and to find and exchange contacts in Networking and cross-dissemination.

Sessions were organised on different working groups

- Sustainable energy and climate plans
- Conservation of species and biodiversity
- Innovative Climate Technologies
- Partnership and implementation of environmental policies

Each working group drew up some summaries on the three areas relevant to urban LIFE urban action projects:

- Policy-related results
- Stakeholder Engagement
- Project viability and sustainability

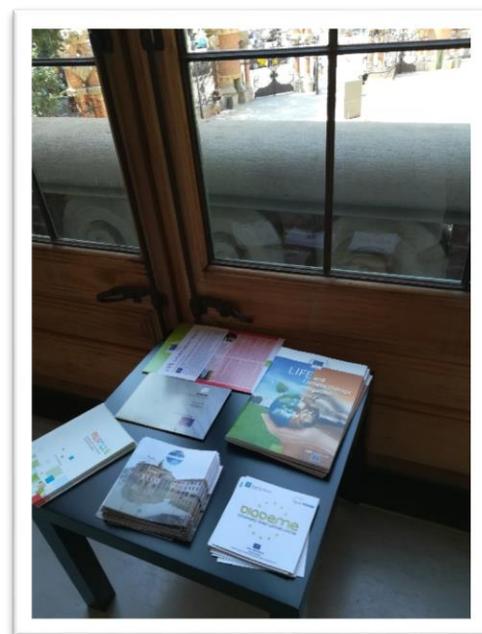
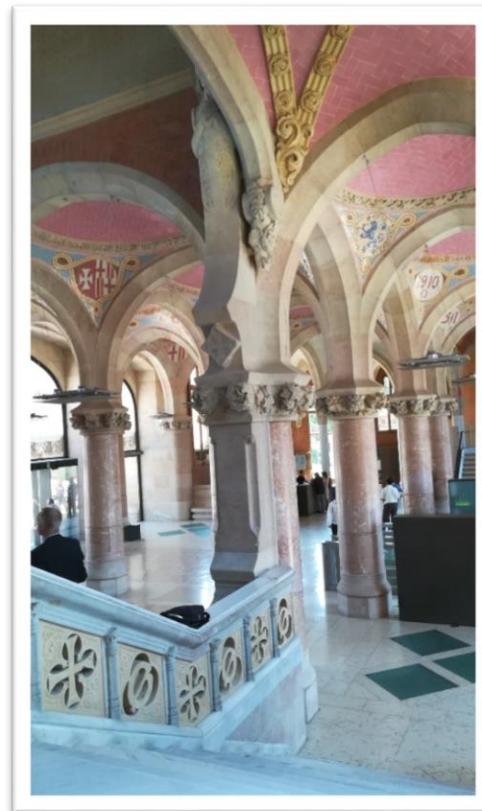
One of the key points dealt with by the first Working Group was the importance of data availability in the implementation of sustainable energy and climate plans. Free access to reliable data should be guaranteed at European level, at least for data collected with EU funding and/or LIFE projects. The group also noted the need to link local and regional databases to store and disseminate "good practices" and thus support knowledge sharing.

Wide-scale and intersectoral dissemination of information is a key challenge. In this regard, the Group highlighted the importance of highlighting the economic benefit of implementing preventive measures and developing a widely shared method to monetize the costs of inertia to be included in environmental plans.

The "nature and biodiversity" Working Group has raised interesting questions about stakeholder engagement. That is to say, that projects involving the main stakeholders from the outset, and keeping them in their partnerships, have a greater potential for success. While not having the potential of the public-private partnership, this group has also suggested that more incentives are needed for small businesses.

The "partnership" Working Group proposes to put in service "ambassadors" of the LIFE programme to encourage citizens to participate in the activities of the project. "The awareness of the application of climate action is very convenient and its impact is enormous," said one of the invited LIFE, Naguib Amin, project manager CES-MED (cleaner Energy Saving Cities Mediterranean)

"It is easier to manage the risk collectively, as a co-responsibility governed by networks of municipalities": this was established in the first working Group. This risk management is linked to EU initiatives such as the "Covenant of Mayors" which "gives cities the opportunity to exchange experiences and to cooperate," said Sandro Nieto, official of the European Commission. "On the part of the Commission we are working to improve coordination with the



different levels of governance-with the regions and the Member States. We want to facilitate the participation of regions and improve the support provided to cities "

The "conservation and biodiversity" Working Group has also highlighted the dynamic nature of catastrophes, in relation to the presentation of Esteban Leon, responsible for the UN-HABITAT's Resilience Profiling program (CRPP). "We take the city as a system: Everything is connected," Leon explained. "I usually do an analogy with the human body: If a body is healthy, you have more chance of resisting disease; If an urban system is healthy, it is more resilient when there is an extreme weather event, or even a terrorist attack. diffusione su ampia scale e intersettoriale delle informazioni è una sfida chiave. A questo proposito, il gruppo ha evidenziato l'importanza di evidenziare il beneficio economico rispetto all'attuazione delle misure preventive e di sviluppare un metodo ampiamente condiviso per monetizzare i costi dell'inerzia da inserire nei piani ambientali.

The CRPP program was designed to "equip local governments" with a tool to work with all interested parties in a city, "Leon explained." It is linked to the new UN urban agenda. It's basically a way to empower local authorities... to try to understand the complexity of a city. " It could be adapted to any type of city in Europe. "

Laura Giappichelli "LIFE Climate Action" consultant by EASME has introduced the platform "European Climate adaptation platform" for the sharing of national and European policies in relation to adaptation to climate change. LIFE is an important resource for providing case-studies and information for a wider international level of sharing.

Bernd Decker, Senior consultant EASME "LIFE Climate Action", in the conclusions of the meeting, said that one of the most interesting results is the importance of the systematic approach to urban climate action. This extends to the urban and rural interdependence: "What urbanization is doing has a link in the rural area and vice versa: We cannot drink water in the city if climate change is not addressed in rural and mountainous areas."

That's where the concept of payment for eco-systemic services could be very useful: "If I want water on the coast, I'll have to pay forest management in the inner region. Not only in Catalonia, but in other Mediterranean regions, "said Gabriel Borrás, responsible for adapting to the Catalan academy for Climate change.

The presentations focused on concrete study cases, allowing the presentation and exchange of "good practice" in relation to specific sectors, while plenary sessions dealt with general policies, support and coordination mechanisms . Diadem-LIFE illustrated the expected objectives of the project in the "Climate Mitigation" group, eliciting enthusiastic reaction and generating numerous questions to deepen the present.

***After the sad events of August, occurred on Barcelona's Ramblas, Life-Diadem wants to express its support and closeness to the city and to the citizens of Barcelona: "No tinc Por!"***



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