



## About the project

---

**Life GreenCity:** *Green public building platform for the promotion of a Green City.*

The European Union has announced last January the twelve French projects selected to be funded by the environmental programme Life +. Among them **Life+ GreenCity**, the project led by **VIZELIA**, which aims the implementation of an electricity water and gas consumption control and **management software at a municipal scale**, in public buildings in Nantes and Vigo. The energy efficiency will be verified through the monitoring of performance indicators such as electricity water and gas consumptions.

With the Life+ GreenCity project, the two municipalities will be able to fit the directive 2002/91/CE of the European Commission about energy efficiency, which foresees an **energy efficiency certificate** for every building, setting its **minimum energy requirements, according to its size in m<sup>2</sup>**.

**VIZELIA**, leader in implementing building management solutions states that the objective of its technological innovation will be to integrate systems that allow its users to **supervise energy consumption real-time**.

This permits the end user to react positively to the information and progress on reducing energy consumption, ultimately helping to protect the environment in a context of global warming. Because expressing consumption kWh/m<sup>2</sup>/year is not very understandable for users, **VIZELIA will communicate the results in Euros or equivalent CO<sub>2</sub> emission information**. This promotes forthright good practices and **awareness of environmental issues** such as the adaptation of human practices and habits to the climate change.

### Life GreenCity in short

- **5 partners from 3 EU member states (France, Spain and Belgium)**
- **Budget: 1 675 528€ EU financial contribution: 756 088€ (50% of total eligible budget)**
- **Main objectives:**
  - ✓ **Reduce energy consumption by up to 20%** and thus reduce **equivalent CO<sub>2</sub> emissions by up to 10%**.
  - ✓ **Increase the overall efficiency of the building** in terms of electricity, water and gas consumption, further reducing equivalent CO<sub>2</sub> emissions.
  - ✓ Promote **good practices**.
  - ✓ **Increase the awareness of citizens** to both environmental and economical solutions.

For more information, please, visit us at: <http://www.lifegreencity.eu>



## Life GreenCity project partners

---

Five partners from three EU member states are involved in the Life GreenCity project:

- **VIZELIA** (France) has developed software that work on reducing operating and energy costs of commercial buildings. **VIZELIA** is the **co-ordinating beneficiary** of the project.
- **NANTES** (France) is the capital city of the Pays de la Loire region and Loire-Atlantique department and it is located at 50 km from the Atlantic coast.
- The **Fundación Axencia Intermunicipal da Enerxía de Vigo (FAIMEVI)**, in Spain, promotes the economic, efficiency and renewable energy policies locally.
- **ENEAS** (Belgium) offers solutions to optimize energy networks in different areas like hot water, thermal fluid or electricity.
- **Euroquality** (France) is a service provider specialized in Innovation and European research projects.

## Events (conferences, fairs, workshops...)

---

### **Environmental International Forum SAVE the Planet – Waste & Water Management, Recycling**

*From 2011-04-13 to 2011-04-15*

Sofia, Bulgaria

Through the start-up of the event Via Expo team aims at bringing expert international know-how and experience concerning innovative ecological practices that will positively influence the sustainable development in the Region as an important contribution to combating climate change.

[Read more](#)

### **Cities of the Future Conference**

*From 2011-05-22 to 2011-05-25*

Stockholm, Sweden

The conference will focus on the intersection between urban spatial planning and the planning, construction and operation of sustainable urban water systems. The conference program will involve city planning and design, interaction with other infrastructure systems, the surrounding land, as well as evolving technical and managerial solutions.

[Read more](#)

### **Ecocity World Summit**

*From 2011-08-22 to 2011-08-26*

Montreal, Canada

People, ecology, urbanity, moving towards ecocities...

[Read more](#)



## Publications

---

### **Urban environment — SOER 2010 thematic assessment**

*State of the environment report No 1/2010*

The global population is congregating in our cities. Eighty per cent of the world's estimated nine billion people in 2050 are expected to live in urban areas. Our cities and urban areas face many challenges from social to health to environmental. The impacts of cities and urban areas are felt in other regions which supply cities with food, water and energy and absorb pollution and waste. However, the proximity of people, businesses and services associated with the very word 'city' means that there are also huge opportunities. Indeed, well designed, well managed urban settings offer a key opportunity for sustainable living.

*Published: 28 Nov 2010*

[Read more](#)

### **New GreenBuilding Brochure**

The new GreenBuilding Brochure is now available as download. New Good-Practice-Examples are being presented, giving an idea of the broad variety of measurements that can be performed to improve the energy efficiency of different building types.

[Read more](#)

### **Electricity Consumption and Efficiency Trends in European Union**

*Status Report 2009*

This report summarises the outcome of the results of an in-depth survey of electricity consumption in buildings in the EU-27 conducted by the JRC, the main findings of the first preparatory studies for implementing the Eco-design Directive, as well as other recent analyses and studies on different aspects of the electricity final consumption in EU27.

[Read more](#)

### **The Fundamental Importance of Buildings in Future EU Energy Saving Policies**

*A Paper Prepared by a Taskforce of Actors and Stakeholders from the European Construction Sector*

The wide acknowledgement that there is an imperative need to improve energy efficiency in the European Union is very welcome although it comes at the eleventh hour in the challenge of keeping global temperature rises to below 2°C as compared to pre-industrial levels. The way of life enjoyed by Europeans is considered to be the most desirable on the planet with many developing regions aspiring to achieve the same quality of life for their citizens. It is therefore imperative that Europe leads the way to a sustainable, smart and inclusive future showing, by example, that the European way of life does not have to be unsustainably energy intensive. The recently adopted EU2020 Strategy is one good example of how the EU can lead in this field.

[Read more](#)