SPIE has implemented a green economy policy that guides its approach to environmental challenges and climate risks. This all-encompassing policy applies to all aspects of the company: businesses, customers, as well as its own energy consumption. The purpose of this policy is to help reduce greenhouse gas emissions and energy consumption at every level.

Combining energy efficiency, innovation and performance

The growth and density of the world's urban population, combined with increasingly strict environmental demands, have forced cities to rethink their development. This situation has led to the emergence of **smart cities** aiming to improve the energy performance of urban infrastructure. Solutions for **high-performance public lighting**, such as the City Networks system, now provide real-time remote management for thousands of lights. **Eco-neighbourhoods** that use new technologies to meet environmental standards have also emerged.
In housing, SPIE is developing **smart buildings** that offer even more technology to enhance energy efficiency and residents' wellbeing.
The Group also signed its first **energy performance contract** for social housing in Schiltigheim, France. Offering certified high energy performance and low energy consumption, this unique project represents a step forward in sustainable housing.
SPIE works to promote the use of renewable energies. In this effort, the company now has the capacity to build the biggest **photovoltaic power stations** in the world. SPIE is also well positioned in the construction of **wind farms**. A major player in **sustainable mobility**, SPIE develops innovative environmental management systems for public transport.

Supporting customers and stakeholders

To provide support to its customers and stakeholders in their green economy efforts, SPIE offers a full line of high-performance energy and environmental management solutions. The goal of these solutions is to measure, analyse and reduce the environmental impact of communities, industries and the service sector. By developing these global solutions, SPIE can take action for its customers from the start by performing **energy audits**. In addition SPIE sign energy performance contracts with its customers to guarantee long-term energy and carbon savings. In this field, the company recently signed the first **energy performance service contract** with the Musée d'Art Moderne in Saint Étienne, France. The contract will help the museum reduce its energy consumption by 40%.
SPIE can also perform **carbon accounting** [1] for its customers. This procedure evaluates the amount of direct and indirect greenhouse gas emissions produced by their activities.
Since IT systems can contribute to a green economy, SPIE has developed a line of **Green IT** solutions: videoconferencing, data centres, mobility, telecommuting and energy management for office equipment. In energy, SPIE assesses and promotes energy efficiency by offering **energy savings certificates**.

Managing the Group's environmental impact

Within the Group, SPIE works to reduce its environmental impact at every level. An **ISO 14001** - compliant internal management system is in place to improve practices: facility compliance, energy savings, eco-management of vehicles and recycling. A system has also been established to improve processes through **sustainable purchasing** [2], which is continually improving company performance. In addition, **awareness campaigns** are conducted, and training sessions are provided in several languages through an e-learning module. The company has also performed internal **carbon accounting** [1], measuring the exact quantity of direct and indirect greenhouse gas emissions produced by its activities. The report will serve to develop targeted efforts to reduce emissions. SPIE also promotes the **responsibility of its suppliers** - an area where the carbon footprint remains very high.
In the field of **sustainable mobility** [3], SPIE will ensure that 10% of its vehicles are electric by 2015.

SPIE, SHARING A VISION FOR THE FUTURE

[4]

 Webcast
Conference by Jean-Marc Jancovici, an expert in the fields of energy and global warming on the theme "Energy and climate: the end of the golden age?"

[Access to the webcast](#) [4]

[5]
 The Green economy: Sharing a vision for the future
SPIE's company project aims to ensure SPIE's continued performance by promoting a sustainable world. Three core values lie at the heart of SPIE's project.

[Access the brochure in the virtual library](http://www.spie.com) [5]

Direct access

- [Improving quality of life](http://www.spie.com)
- [Combining multiple energies](http://www.spie.com)
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