

## Paris green electricity

As Paris Region sets to further advance the production and use of renewable, local energy, the energy industry as a whole pushes forward to offer clean, sustainable alternatives to the Region's residents, and tomorrow, to the rest of France. With a rapidly growing population and changing consumption habits, the Region is a great environment for innovative companies with solutions in the clean energy space. To find more resources, browse our downloadable guides.

Paris Region also designed a plan supporting the local production of a substantial part of the energy it needs on a yearly average. The following investments will allow the production of 37 TWh, out of the total 225 TWh the Region consumed in 2015 for example:

At the end of 2018, the solar park installed in the Region reached 100 MW. However, the regional potential identified is 6 GW. Such production would cover the electricity consumption of about 1 million people.

Paris Region counts about twenty household waste treatment plants. A late 2018 European directive now requires them to recover energy from incineration in the form of electricity and heat. These existing technologies are expected to keep getting modernized as innovations roll out.

With 45 facilities, Paris Region is the #1 Region in Europe for its number of production plants which supply heating networks. 20 new deep geothermal boreholes are planned for construction by 2030.

The development of renewable energies is not only encouraged by public policies but also by societal and market changes such as the growing use of electric vehicles. As forecasts predict that the Region's population will steadily increase (and count +300,000 inhabitants by 2025), it is expected that new energy needs will emerge in the coming years. The development of new ambitious transport projects will be part of that growing need for reliable, sustainable, and locally produced energy.

The Smart grids market in France is expected to weigh EUR1.2 billion by 2021. For companies able to bring innovative offers to the energy or digital markets, in the field of electrical infrastructure (equipment, sensors, power lines, meters, etc.), or software (network management and optimization thanks to Data) or even data security, there are tremendous business opportunities to seize in Paris Region.

As 19% of France's total population live in Paris Region, which produces 30% of France's GDP and requires 15% of the country's electricity consumption, Paris Region offers an excellent environment for experimental projects. Companies testing and deploying innovative energy solutions can also rely on a strong functional mix, increasing the possibilities of energy pooling.

NextMove is a Mobility and Automotive R& D competitiveness hub focused on electric vehicles, smart

grid/charging station infrastructure and ICT for mobility. The cluster is fostering the development of collaborative projects between members, the development of companies in the industry, in particular SMEs, and the promotion of innovation across the board. [Learn More.](#)

Systematic Paris Region focuses on digital B2B complex systems and has a strong expertise in Smart City Management. Since its creation in 2005, it has been engaging a community of about 900 members, which includes 600 startups and SMEs, 140 corporate groups, 140 academic members, investors and local governments. [Learn More.](#)

Cap Digital Paris Region is The French Hub for digital & ecological transformation. The cluster covers 6 major fields of activity including Sustainable Cities. This sector brings together all innovations from ecologic transition to digital transformation and urbanism that have been implemented in experimental territories. The cluster works with its 1000+ members (including VSEs/SMEs, major groups, research and training organizations and venture capitalists) to help them find the support, connections and financing they need for their innovative projects. [Learn More.](#)

CSTB"Lab - The Scientific and Technical Center for Building (CSTB) is a public organization whose main mission is to promote innovation in the construction industry. The CSTB"Lab is an accelerator encouraging the development of new products and services in response to the main scientific and technical challenges of energy, environmental performance, health and accessibility. [Learn More.](#)

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