

The French smart grids team comes together at European Utility Week Amsterdam – October 3-5, 2017

For the fourth year running, Business France will be hosting a French Pavilion at the European Utility Week (EUW) exhibition, whose remarkable rise in recent years has been reflected in the quality of attendees, whether they be exhibitors, speakers or visitors. With the support of Think SmartGrids, RTE, Enedis and ADEME, over 40 innovative French firms operating in the smart grids and energy efficiency market will showcase their expertise, products and solutions to leading European utilities interested in leading-edge high-performance technologies. This year, Business France will also host a breakfast for utilities from Nordic countries and the Netherlands with the support of Enedis, as well as co-hosting a networking cocktail lounge throughout the three days of the exhibition with Schneider Electric.

European Utility Week is the largest and most important European event for smart energy management systems. During three days, Amsterdam will host experts and showcase innovation. Indeed, innovation will be the watchword of this event, at which pilot projects will be presented and new solutions highlighted.

France will be well represented, since it has global leaders at every level of the value chain as well as a base of cutting-edge SMEs and mid-tier enterprises in the energy technology industry and the digital and electronics sectors, including electrical network operators, telecoms operators, engineering firms, integrators, equipment suppliers, component manufacturers, ICT firms, etc.

France's expertise in this field is well established, supported by a high-performance, competitive and stable electricity system that is already smart. Thanks to these advantages, France now has one of the highest-quality supplies of electrical power in Europe and the world, while also delivering a high level of performance to consumers and a healthy balance between costs and benefits.

France is Europe's leading country for investment in smart grids. It has a high capacity for R&D and innovation: several dozen demonstration projects and over a hundred smart grid projects are currently in progress in France, as well as numerous export projects.

As such, **Flexgrid** in the Provence-Alpes-Côte d'Azur region, which won a national call for projects for the large-scale rollout of smart electricity networks, and **Smile** (SMart Ideas to Link Energies), a project in the Bretagne-Pays de la Loire region, will receive €130 million in financial support.

The Flexgrid project places the emphasis on energy flexibility, and more specifically tools for forecasting renewable energy production to better manage the production/consumption balance, integrating renewable energies into the grid, and storage. The Smile project plans to create a major smart power grid for the west of France. Its promoters also put the emphasis on integrating renewable energies and storage, but also on electric mobility, smart buildings and cybersecurity.

The expertise of French operators is widely recognized by international players. French network operators, notably RTE and Enedis, are now exporting their expertise in the form of support for foreign managers as they roll out smart grid technologies. Investment and supply-side dynamics make the French electricity supply network one of the most reliable in the world, offering a world-class level of availability.

The French Pavilion will be located in Hall 1. Don't hesitate to come and meet the exhibitors! (full list on request)

The French electrical sector in figures:

- The world's number eight producer of electricity
- Europe's leading exporter of electricity, ahead of Germany and the Czech Republic
- The world's seventh-largest exporter of electrical equipment

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Exhibitor list available on request.

***Think SmartGrids:** non-profit Think SmartGrids represents the French smart power grids segment.
www.thinksmartgrids.fr

***RTE:** manager of France's power transmission grid. www.rte-france.com

***Enedis:** manager of France's power distribution grid. www.enedis.fr

*** CLUB ADEME INTERNATIONAL:** state operator supporting ecological and energy transition.
www.ademe.fr

List of exhibitors of the French pavilion :

ACTIA TELECOM : design and completion of solutions intended for managing electrical networks.
www.actia.com

AKAJOULE : consulting and engineering company who gives support to the energy transition of territories and private companies. www.akajoule.com

ARC INFORMATIQUE : leader in HMI / SCADA software. www.arcinfo.com

ARII : Regional Agency for Innovation and Internationalization of Companies of Provence Alpes Côte d'Azur.
www.arri-paca.fr

CAHORS INTERNATIONAL : collection and concentration of data for Distribution Network Operators.
www.groupe-cahors.com

CAPENERGIES : cluster federating a 520 adherents and 1500 energy specialists network in Provence Alpes Côte d'Azur. www.capenergies.fr

CITYZEN DATA : open source software solution to analyze time series and geo time series data.
www.cityzendata.com

CLUB SMART GRIDS COTE D'AZUR : network of Provence Alpes Côte d'Azur Smart grids firms. www.cote-azur.cci.fr

CONSEIL REGIONAL PACA : French administrative region from the south-east of the country.
www.regionpaca.fr

EDF : global leader in low-carbon energy. www.edf.fr

ENERDIS : fixed measurement, testing, metering and network supervision equipment, as well as energy efficiency solutions for all utilities. www.enerdis.com

ENERGIENCY : first software mixing data science, cloud and artificial intelligence turning IoT data into new energy savings. www.energiency.com

ENERGY POOL : worldwide Demand Response operator. www.energy-pool.eu

EURIDIS : Association who promotes the use of the IEC 62056-3-1 protocol: A communication protocol for all electricity meters. www.euridis.org

EXAKOM : provides pluto live report an out of box reporting tool for industrial automation and pluto M2M a web based remote asset management solution. www.exakom.com

FLUDIA : leading energy efficiency expert that develops and markets universal smart and self-powered sensors.
www.fludia.com

GRIDPOCKET : innovative software-as-a-service solution oriented company focused on development of energy value-added services and platforms for the smart grid utilities. www.gridpocket.com

HOME PULSE : provides energy insights as a service such as consumption monitoring & prediction, real time alerts & advices. www.homepulse.fr

KEMWATT : innovative redox flow batteries based on its specific organic chemistry. www.kemwatt.com

METAL DEPLOYE RESISTOR : foremost industrial power resistors manufacturer. www.mdresistor.com

METRON : technological solutions to turn industrial data sources into actionable insights. www.metronlab.com

NEMEUS : design and manufacturing of radio devices incorporating sensors for Internet of Things (IoT).
www.nemeus.fr

NKE WATTECO : one of the European leaders in the design and manufacturing of smart sensors and multiprotocol remote data collection solutions. www.nke-electronics.fr

POLE SCS : French Information Technology world-class cluster established in 2005 and based in the Provence Alpes Côte d'Azur region. www.pole-scs.org

PROVE & RUN : leading provider of IoT security solutions. www.provenrun.com

QUALISTEO : real-time readings and precise analyses. www.qualisteo.com

RS ISOLSEC : design and manufacture of Instrument Transformers up to 52kV indoor or outdoor, ATEX, or for submersible use. www.rsisoltec.com

RTE : French high and extra high voltage electricity transmission system operator. www.rte-france.com

SAFT : world leader for high technology, high performance primary & rechargeable lithium batteries. www.saftbatteries.fr

SDEL : analog and digital control and monitoring solutions and automation systems. www.sdelcc.fr

SENSEOR : monitoring solutions including unique wireless battery-less sensors based on Surface Acoustic Waves for temperature and strain continuous measurement. www.senseor.com

SENSING LABS : cutting-edge "Sensor-to-Cloud" solution for companies that want to develop sensor data-based services with applications require very long range and long battery life wireless sensors. www.sigfox.com

SIGFOX : world's leading provider of connectivity for the Internet of Things (IoT). www.sigfox.com

SMARTSIDE : developing and organising high quality international conferences and exhibitions for, and in co-operation with, the electricity, gas and water sectors. www.smart-side.com

SMILE : show case of French excellence in smart grids technologies to ensure energy transition and sustainable growth. www.smile-smartgrids.com

SOCOMEK : recognized specialist in the control of energy performance in low voltage electrical networks and smart grid applications. www.socomec.com

THINK SMARTGRIDS : Association who aims to develop the Smart grids sector in France and to promote French solutions in Europe and around the world. www.thinksmartgrids.fr

UNIGRID SOLUTIONS : unique solution (hardware + software) that records all energy flows in real time, detects overconsumption, and allows immediate measurement of corrective actions. www.wesby-solutions.com

VOLTALIS : first operator of Internet of Energy and world leader of real-time demand-side management. www.voltalis.com

WEATHERNEWS : world's largest private weather service provider. www.climpact.com

WEBDYN : concentrator design expert for Smart Metering and Energy Management. www.webdyn.com

Wi6LABS : low cost wireless solutions for data collecting for the various markets of the Internet of Things. www.wi6labs.com