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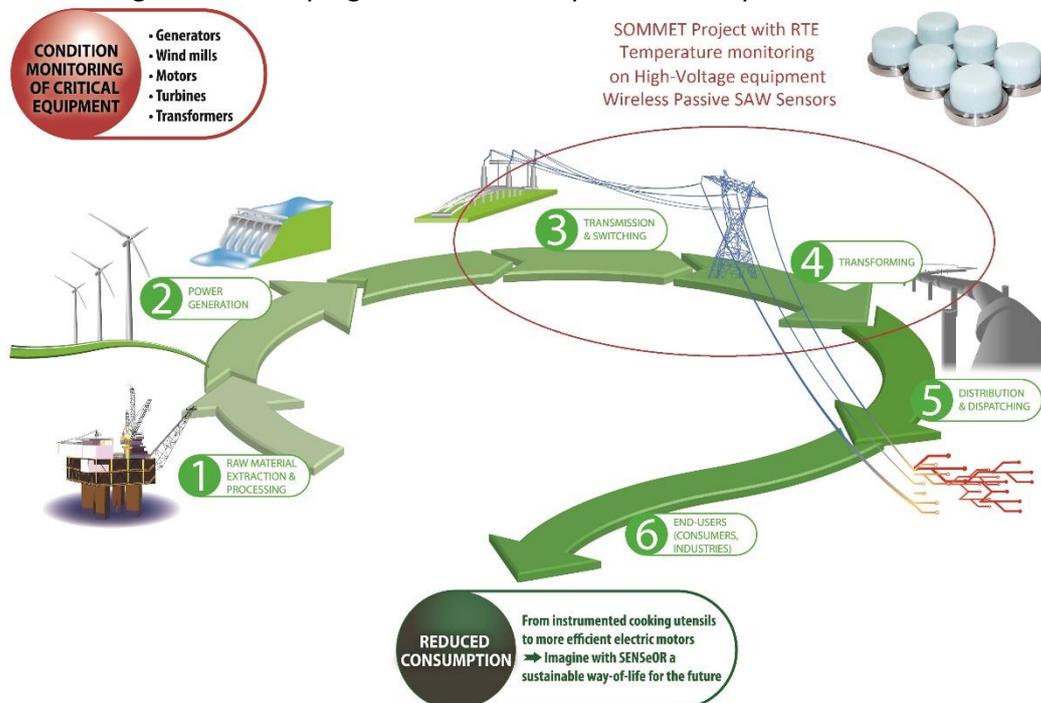
SENSeOR's sensors selected by RTE

The French transmission system operator RTE chose SENSeOR and its wireless passive temperature sensors for the monitoring of high-voltage critical equipment on the network, in the frame of its Open Innovation Process.

Valbonne - Sophia Antipolis, France – December 18th 2015 – The wireless passive temperature sensors from SENSeOR, based on the revolutionary SAW technology using Surface Acoustic Waves for measurement, are the only sensors enabling electric equipment monitoring at very high levels of voltage and current, directly on the most critical points. That was the motivation for their selection by the worldwide renowned French transmission system operator RTE, with the Open Innovation project SOMMET (Systèmes Optimisés de Mesure pour le Monitoring d'Equipements sous Tension – Measurement systems optimized for under-voltage equipment monitoring). SENSeOR was awarded this recognition during the ceremony organized by RTE in Paris, France, on the 16th of December, closing the “Réseaux Electriques Intelligents 2015” (Smart Grids 2015) competition.

The sensors will be placed on several types of equipment for experimentation, like transformers and disconnect switches, to monitor and send in real-time and continuously the temperature of the critical parts.

The sensors are easily installed and commissioned on existing equipment in retrofit. Necessary components of the Smart Grids, these sensors will allow a more precise surveillance of the electric equipment – in addition to the existing automation and control solutions, enabling condition-based maintenance of the network. They'll hence contribute to improving energy efficiency by reducing the losses and exploiting the existing infrastructures to the maximum of their capacity, while maintaining the necessary high levels of security and reliability.





About SENSeOR

SENSeOR exploits Surface Acoustic Waves (SAW) to conceive unique-patented wireless passive temperature sensors. With infinite autonomy and no maintenance required, these sensors perform advanced condition monitoring on moving or rotating parts, or can be embedded into materials. SAW sensors are low-profile, easy-to-install and very robust. Applications include in-engine temperature control, compressor monitoring, driveshaft monitoring, temperature profile in tunnel ovens or moving belts, surveillance of switchgears, transformers, disconnect switches and other electric equipment on smart grids.

Created in 2006, SENSeOR is headquartered in Sophia Antipolis (France) with offices in Besançon (France), and employs 20 people. SENSeOR is part of WIKA Group since 2012.

Its expert engineer team provides field engineering services and customized developments in addition to its standard sensor portfolio, to help its customers solve their measurement challenges.

SENSeOR is a member of the French association "Think Smartgrids, French solutions for smart grids".

Further information and documentation: www.senseor.com or contact@senseor.com

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