

Press Release

Anney (Haute-Savoie, France), 10 June 2016

NTN-SNR is ISO 50001 certified for all its French sites

In January 2016 NTN-SNR obtained ISO 50001 certification for energy efficiency for all its sites in France. The certification acknowledges the work done for several years on reducing NTN-SNR's energy consumption and greenhouse gas emissions. The stated aim is to improve the overall energy efficiency of its sites by 3% by 2017 and include NTN-SNR's three foreign sites in the ISO 50001 certification. This energy consumption reduction policy now fits in with a structured and recognized Corporate Social Responsibility (CSR) initiative.

A continual improvement process on energy savings

An energy management system for significant results

The ISO 50001 certification obtained in January 2016 is the direct result of the introduction of an energy management system. Within the framework of a structured approach, this has enabled implementation of numerous improvement initiatives, leading to better control of energy consumption on NTN-SNR's French sites. Savings in the region of 9% have been made on the gas used by all of these sites since 2014. These initiatives have been particularly focused on the consumption of certain plant and equipment (pumps, motors, etc.), on lighting, heating and even optimized management of compressed air, widely used in manufacturing processes.

Moreover, the Seynod 3 site is the demonstrator of an applied research project conducted in partnership with company Automatique & Industrie. This has enabled the development of a decision support tool for better energy efficiency (www.cactus-energy-suite.com). An energy information and management system (SIGE) has been set up on the site. The system measures in real time and analyses the energy consumption of each piece of equipment and of the building as a whole. This system is intended to be extended to all production shops.

In connection with the planned extension of the Argonay site, energy efficiency has been factored in at the design stage for the new building (e.g.: LED lighting for the industrial workshop).

Other measures such as a visual management system (VOR approach) or employee awareness-raising measures have also contributed to achieving positive results.

NTN-SNR and energy

NTN-SNR's energy bill: 13.9 million euros

The equivalent of a town of 21,000 inhabitants (Annecy-le-Vieux for instance)

The most energy-hungry sectors

- 19%: heat treatment process
- 16%: heating and air-conditioning
- 14%: preliminary operations processes
- 13%: precision grinding and superfinishing processes
- 12%: compressed air

Good to know

Heating a room to raise its temperature by 1°C increases consumption by 5%

Air-conditioning a room to lower its temperature by 1°C increases consumption by 10%

Clearly identified courses and goals

Having successfully obtained ISO 50001 certification, NTN-SNR's next efficiency goal is to further reduce overall energy consumption by 3% by 2017. The energy management system will continue to be deployed in clearly identified key areas like heating, lighting and compressed air, on both its French and its foreign sites. The aim is to include the sites of Curitiba (Brazil), ICSA (Italy) and Sibiu (Romania) in ISO50001 certification by 2017. The experience of these sites, which are already ISO14001 certified for environmental management since 1999, is a valuable asset for structuring this process.

A comprehensive CSR approach

These achievements are part of an integrated process in NTN-SNR's business plan, Transform 2017, which aims to reduce and control its energy consumption and greenhouse gas emissions. This action is itself part of NTN-SNR's comprehensive CSR programme structured around environmental, social and societal performance, as well as compliance with ethical standards. After an initial assessment in 2013 by the platform Ecovadis, the benchmark in the field of CSR, NTN-SNR is now rated as a company having an acknowledged CSR approach and is in the top 8% of companies assessed as being the most effective in the metallurgy sector.

In 2015 the NTN group signed the United Nations Global Compact*, thereby fully engaging NTN-SNR in this initiative.

*Global Compact is a United Nations initiative in which companies undertake to integrate and promote 10 major principles concerning human rights and international labour, environmental and ethical responsibility standards.

***NTN-SNR ROULEMENTS**, headquartered in Annecy (Haute-Savoie, France), belongs to the Japanese group NTN Corporation, one of the world leaders in bearings. NTN-SNR ensures the management and development of all NTN activities for the EMEA region and Brazil. A major player as a designer, developer and manufacturer of bearings and sub-assemblies for automotive, industry and aeronautics, NTN-SNR offers a comprehensive range by also developing maintenance services and solutions. NTN-SNR employs 4,225 people at 9 production sites, including 6 in France, as well as 18 business representations.*

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