



Press release

Hospital Klinikum am Bruderwald: SPIE's "energy efficiency" innovations honoured

Essen/Nuremberg/Bamberg, March 14th, 2017 - *The hospital Klinikum am Bruderwald saves EUR 1.5 million net in energy costs each year. SPIE Energy Solutions upgraded the building technology as the lead partner together with the public utilities company Stadtwerke Bamberg. The project also impressed the jury of the ENERGIEregion Nürnberg ("Nuremberg Energy Region") initiative, which presented the sustainability award "energie.effizienz.gewinner 2017" to the foundation Sozialstiftung Bamberg, the operator of the hospital, on March 7th.*

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Several steps contributed to the project's success: Among other things, a new combined power, heat/steam and cooling plant with a more powerful cogeneration unit was constructed. As a result, 50% of the hospital's electricity requirements are generated directly on its premises, as well as heat, steam and cooling. A comprehensive approach has been taken here: A new energy management system also helps technicians on site to continuously monitor energy consumption and further improve energy efficiency with quick adjustments. These optimisation measures significantly reduce the 768-bed hospital's expenditure and cut its CO₂ emissions by 6,500 tonnes a year. This roughly corresponds to the environmentally harmful emissions of 780 average households.

Better environmental performance

Each year, the ENERGIEregion Nürnberg recognises companies as energy-efficiency winners with the "energie.effizienz.gewinner" award. The award winners are seen as role models in climate protection. Thomas Knorr, Senior Project Manager at SPIE Energy Solutions, emphasises: *"Using state-of-the-art technology, we succeeded in further reducing energy costs at the Klinikum am Bruderwald. In addition, we made a sustainable contribution to protecting the climate and improving the hospital's environmental performance at the same time."*

Caption:

From left to right: Dr. Jens Hauch, managing director and member of the executive committee of ENERGIEregion Nürnberg e.V., Adalbert Meiszburger, managing director of Sozialstiftung Bamberg Energiemanagement GmbH, Josef Seuberth, manager of the department Energiemanagement of the Sozialstiftung Bamberg Energiemanagement GmbH, Klaus Wagner, Stadtwerke Bamberg Energie- und Wasserversorgungs GmbH, Thomas Knorr, senior project manager SPIE Energy Solutions GmbH Südwest, Hans Loest, member of the executive management of SPIE Energy Solutions GmbH, Dr. Michael Fraas, economic consultant of the City of Nuremberg and CEO of ENERGIEregion Nürnberg e.V.

About SPIE GmbH

SPIE GmbH, a subsidiary of the SPIE group, the independent European leader in multi-technical services in the areas of energy and communications, is the service- and industry-defining multi-technology provider in Germany, other German-speaking countries and Central Europe. The range of services includes technical services for buildings, plants and infrastructures, from planning and construction, to operation and maintenance. SPIE GmbH's solutions sustainably reduce customers' operating costs, and their CO₂ emissions by a total of 160,000 tons annually.

With over 38,000 employees at almost 600 locations in 38 countries, the SPIE group generated a consolidated revenue of € 5.1 billion and a consolidated EBITA of € 352 million in 2016. In its "Germany and Central Europe" segment, with more than 5,900 employees at over 75 locations, the SPIE group generated a revenue of € 927 million in 2016.

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