

## Energy Efficiency in Buildings Successfully Launched at the HANNOVER FAIR ENERGY

Energy efficiency in industrial production has long been a focus at the HANNOVER FAIR within their lead fair ENERGY. For the first time after launching "e-mobility", the third energy-consuming sector "buildings" was launched in 2018 under the technical term "BuildingEnergyTechnologies BET".

The BET exhibitors were predominantly located in hall 27 "The New Energy World", 12 "Energy Management" and 13 "Network Technology" (see picture on the right: Sample BET booth in hall 27). BET entrepreneurs and Distributed Energy Supply such as CHP and ORC clustered around the Forum. Solutions for the efficient supply of electricity and HVAC were right next to those for efficient energy consumption. The exhibits included systems, components and services for energy efficiency measures in office and production buildings, including many premieres. At a BET model booth in hall 27, visitors and exhibitors could already find out about the opportunities in 2019 as well as the five sponsors of BET.

255 manufacturers and service providers of more than a total of 5,000 at the entire trade fair already offered nearly 600 products for building services during this first appearance of the topic. Among them were well-known exhibitors such as ABB, Drees & Sommer, Gildemeister, GP Joule, KIT, Schindler, Schneider Electric, Viessmann, Ziehl-Abegg as well as start-ups with innovative approaches such as Synavision. All in all, BET providers from more than 20 countries were present with a focus on China, Germany, Italy and Turkey. The BET exhibitors in hall 27 reported that they found many new contacts and renewed former contacts, which made their appearance worthwhile. This was largely owned to the 210,000 trade fair visitors, 70,000 of whom came from abroad.

The centre of energy in hall 27 was the lecture forum "Distributed Energy Supply & BuildingEnergyTechnologies" (see picture on the right: Full forum at the Viessmann talk on ice energy storage). Every day at least one event with a BET focus has been offered, organized by the BET sponsors GEFMA German Facility Management Association and VDI Society Civil Engineering and Building Services as well as ProEconomy. The speakers and between 20 and 100 listeners were largely in agreement: When building new office and production buildings, they are targeting EnergiePlus status with just as much technology as necessary. When renovating or reallocating existing buildings, one usually aims for low-energy buildings, mostly following an energy consultation. Comprehensive and longer monitoring after commissioning is indispensable in such complex energy systems to achieve optimal results. The lectures can be downloaded at

[www.hannovermesse.de/veranstaltung/forum-dezentrale-energieversorgung-gebaeudeenergetik/FOR/81778#2018-04-27](http://www.hannovermesse.de/veranstaltung/forum-dezentrale-energieversorgung-gebaeudeenergetik/FOR/81778#2018-04-27)

The next HANNOVER FAIR ENERGY takes place from Mon 1 to Fri 5 April 2019. Further information at Undine Stricker-Berghoff Dipl.-Ing. (TU) CEng MEI VDI, ProEconomy, Distelkrog 73, D-23570 Travemuende, Phone +49 (0) 4502 7705-68, Mail [strickerberghoff@proeconomy.de](mailto:strickerberghoff@proeconomy.de)

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