

## Press

### Facts & Figures: Environmental responsibility at Messe Düsseldorf



#### Guiding principle of the energy policy

Safety, environmental protection, climate protection and energy efficiency are essential management tasks. To protect the climate and fossil resources and to reduce dependencies on energy imports, we as Messe Düsseldorf accept responsibility for environmental protection and energy efficiency.

#### Measures and investments so far

2000:	Construction of Halls 6 and 7
2003 – 2004:	Renovation of South Heating System
2004:	Construction of Hall 8a Construction of North Entrance, with direct access to Arena/Messe Nord underground station
2006 – 2016:	Expansion of automated cooling system and connection of all halls and convention centres to a central cooling distri- bution system
2007 – 2016:	Modernisation of Halls 4, 5, 10, 11, 12, 13 and 14
2008:	Construction of Hall 8b
2008:	First photovoltaic unit installed
2010:	Installation of combined heat and power unit
2011:	Installation of 2 solar units and a photovoltaic unit
Since 2011:	Energy-optimised control strategies for the ventilation sys- tems in the exhibition halls
2011:	Participation in ECO PROFIT programme
Since 2012:	Increased use of LED technology
2014:	Certification under EN ISO 50001
2016:	Complete upgrading of North-East Cooling System in Hall 13
2017:	Beginning of Hall 1 construction and new South Entrance
2018:	Reconstruction of photovoltaic unit after its destruction by a warehouse fire
2018:	Expansion of staff e-vehicle pool to 5 electric vehicles and 1 hybrid vehicle

#### Results of reductions

Reductions in carbon dioxide:	Total annual savings of around 5,000 tonnes of carbon dioxide.
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This roughly corresponds to the per capita consumption of 500 persons, i.e. the number of staff working at the Düsseldorf Exhibition Centre or the annual power consumption of 2,300 households.

Year on year 2,700 tonnes of heating energy are saved, about 300 tonnes through the photovoltaic system, 1,400 tonnes through the combined heat and power unit and about 600 tonnes through the listed energy management initiatives.

Electricity:

Specific energy consumption at Düsseldorf trade fairs between 2010 and 2017 reduced by up to 20%

751,500 kWh of electric power saved annually through suggestions from the workforce, roughly matching the annual power consumption of 188 households.

Heating energy requirement: Despite increasing exhibition space in the halls, the heating energy requirement has been reduced by up to 30% annually compared with 2000.

Photovoltaic units:

3 photovoltaic units with 744 kW at peak load

Since installing the first solar cell in 2009, 5,000,000 kWh has been generated in total.

Year on year, Messe Düsseldorf generates about 550,000 kWh of electricity, enough to provide electric power for 150 households.

#### **The Messe Düsseldorf Group:**

With a revenue of around EUR 367m in 2017, the Messe Düsseldorf Group maintained its position as one of Germany's most successful trade fair companies. More than 29,000 exhibitors presented their products to 1.34m trade visitors at events in Düsseldorf this year. About 50 trade fairs were held in Düsseldorf, including 23 proprietary number one events and 15 strong partner and guest shows in five areas of expertise: machinery, plants and equipment, trade and services, medicine and healthcare, lifestyle and beauty, and also leisure. Add to this some 3,300 conventions, corporate events and meetings attracting some 640,000 visitors organised by the subsidiary Düsseldorf Congress. Furthermore, the Messe Düsseldorf Group organises 70 proprietary events, participations and contracted events abroad and is one of the leading export platforms worldwide. Messe Düsseldorf GmbH is the trade fair company with the highest level of internationalism in capital goods exhibitions. In 2017 Messe Düsseldorf's proprietary events in machinery, plants and equipment had approx. 74% international exhibitors and attracted 73% trade visitors from other countries to the Rhine. In all, Düsseldorf trade fairs were attended by customers from about 180 countries. The Group runs a global network of sales offices in 140 countries (76 international representations) as well as competence centres in 8 countries.

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