Facts & Figures

Environment and Climate Protection at Messe Düsseldorf

Measures, investments, and results to date in the strategic focus areas “Energy & Climate Protection” and “Premises & Buildings”

2000	Construction of Halls 6 and 7
2003 – 2004	Renovation of the South Heating Plant
2004	Construction of Hall 8a, new construction of the North Entrance with direct connection to the “Arena/Messe Nord” subway station
2006 – 2016	Expansion of the automated cooling network and connection of all halls and congress centres to a shared cooling distribution network
2007 – 2016	Modernization of Halls 4, 5, 10, 11, 12, 13 and 14
2008	Construction of Hall 8b
2009	Commissioning of the first photovoltaic system
2010	Commissioning of the new combined heat and power plant
2011	Commissioning of 2 solar thermal systems and one photovoltaic system
Since 2011	Energy-optimized control strategies for the ventilation systems in the exhibition halls
2011	Participation in the Ökoprofit program
Since 2012	Increased use of LED technology
2014	Certification in accordance with DIN EN ISO 50001
2016	Full expansion of the North-East Cooling Center in Hall 13
2017 – 2021	Construction of Hall 1 and the new South Entrance
2018	Rebuilding of the photovoltaic system destroyed in the warehouse fire
2018	Expansion of the electric vehicle fleet for employees
2019	Purchase of 5 electric cargo bikes for internal transport
2021	Signing of the “Net Zero Carbon Events Pledge”
2022	Switch to green electricity procurement
2025	Introduction of a mobility budget for all employees
2026	New photovoltaic systems on seven hall roofs with a total area of approximately 79,000 m² and a peak output of 5,450 kWp (kilowatt-peak) since July 2026

Guiding Principle of our Energy Policy

Safety, environmental protection, climate protection, and energy efficiency are key management priorities. In the interest of climate protection, the conservation of fossil resources, and reducing dependence on energy imports, we at Messe Düsseldorf take responsibility for environmental protection and energy efficiency.

Trends in Selected Key Performance Indicators

CO_2 savings

Compared to the baseline year of 2019, Messe Düsseldorf has achieved a 62 % reduction in Scope 1 & 2 emissions.

Electricity

Specific electricity consumption has been significantly reduced since the reference year 2010: Specific electricity savings at individual trade shows amount to up to 52 %.

Heating energy demand

Despite an increase in hall exhibition space, heating energy demand has been reduced by up to 30 % annually compared to 2010.