

PRESS RELEASE

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Münster Osnabrück Airport receives lighting and runway upgrades by ADB SAFEGATE

Turnkey project delivers hundreds of new inset and elevated lights along with upgraded ground control technologies to the new runway at the German airport.

ADB SAFEGATE helped propel Münster Osnabrück Airport to a modern LED airfield lighting solution in record time during a speedy holiday season closure. An ambitious two and a half week timeline for the €10 million project focused on milling down the existing 2.1 kilometer runway to allow for a new runway, as well as the introduction of over 750 ADB SAFEGATE LED lights and 120 kilometers of new cables.

2022 was a big year for Germany's Münster Osnabrück Airport (FMO). Not only did the airport celebrate its 50th anniversary and opened new available routes and increased frequencies, but it saw a major renovation and upgrade to its runway and lighting systems thanks to ADB SAFEGATE.



Crews worked during around the clock to complete the project on time.

During the brief 17-day closure, and despite plummeting winter temperatures, ADB SAFEGATE completed the renovations and upgrades to enable FMO to resume normal operations on November 30. More than 50 people contributed to the delivery of this ambitious project, working during the short winter days to provide a [successful turnkey result](#) to FMO in record time.

"We are very pleased that ADB SAFEGATE could deliver a comprehensive renewal of our airfield lighting system under such an ambitious timeline," said **Eckart Frank, Head of Engineering/Environmental Protection, FMO Flughafen Münster/Osnabrück GmbH**. "Having the latest airfield lighting technology will help improve airfield safety and meet sustainability goals at FMO."

Halogen lights were removed from the runway and replaced with over 750 [new energy efficient LED lights](#), saving an estimated 230,000 kilowatt hours of electrical energy per year. FMO also received 120 kilometers of new primary and secondary cables, existing regulators were updated and extended with new and smaller transformers, and the control system was adapted to accommodate the new technology layout. Also introduced was the SCROLL ILCMS



system to enable SELV implementation (Safety Extra Low Voltage), which guarantees contact voltage on the secondary side never exceeds 50V AC. This improves safety in the working environment by helping prevent electrical shock during maintenance on the lights.

As FMO looks forward to welcoming 750,000 passengers in 2023, the renovations provided by ADB SAFEGATE will contribute to improve the safety and efficiency of the airport for many years to come.

ADB SAFEGATE's Project Director, Patrick Reijnders, shares more on the [turnkey project at FMO](#) in this video.

About ADB SAFEGATE

ADB SAFEGATE provides integrated solutions that raise efficiency, improve safety, boost environmental sustainability and reduce operational costs for airports, airlines and ANSPs. The company works with airports and airlines to solve operational bottlenecks, helping them navigate today's challenges and prepare for tomorrow. Solutions encompass airfield lighting, power and control systems, smart airport and tower software solutions, docking automation and intelligent apron management, as well as aftermarket services.

ADB SAFEGATE is dedicated to providing its customers with the most environmentally friendly products, thereby enabling them to continuously improve the ecological footprint of the air transport industry.

With 1,200 employees, ADB SAFEGATE serves over 2,500 airports in more than 175 countries, from the busiest and largest like Atlanta, Beijing, Dubai, Heathrow, Charles De Gaulle, Frankfurt, Istanbul, New Delhi and Changi to fast-growing airports across Asia and Africa.

For more information about ADB SAFEGATE, please visit our website at adbsafegate.com.

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