

DRONIQ FOR FLIGHT

EVONIK

COMPANY-WIDE TRAINING FOR DRONE OPERATIONS

THE OBJECTIVE Evonik is a global leader in specialty chemicals and is active in more than 100 countries. Two thirds of Evonik's 36,000 employees work in Germany. Evonik is testing the use of drones throughout Germany for both the on-site company fire service and the company's site security unit. Drones can inspect industrial areas from the air more easily and faster than other means. They are also helpful in the event of fire or in assessing damage from extreme weather conditions. There are numerous possible applications for site security, as well. When site boundaries need to be monitored, a drone can support the security staff from the air, for example. The images taken from the air can then be transmitted directly to the central control room.

2 DAYS TRAINING

THEORY & PRACTICAL TRAINING

40 PARTICIPANTS

FLIGHT PROGRAMME ON
THE COMPANY'S GROUNDS

PROOF-OF-KNOWLEDGE EXAM
REQUIRED BY GERMAN LAW

DRONIQ 



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THE IMPLEMENTATION Evonik has already been using drones for a wide array of applications. This is why the company wanted to establish a company-wide standard for drone operations and achieve a consistent level of expertise for all drone operators. Over the past two years, experts from Droniq have held two-day training courses at three sites in Germany (Marl, Hanau and Wesseling). These courses consisted of a theory block in which the subjects air law, flight operations and navigation, data protection and copyright as well as the technology of a multicopter were covered. On the second day, the participants were able to test their flying skills. After an introduction to flight planning and preparation, Evonik staff members flew a range of aircraft. The participants also passed the proof-of-knowledge exam required by German law.

OUR CONTRIBUTION Droniq is a long-standing service provider for Evonik in the field of unmanned aircraft systems and has already supported the company in applying for drone flight permits for the sites in Marl, Hanau and Wesseling. To create a consistent standard on the part of the drone operators, the experts from Droniq trained around 40 Evonik employees in a classroom course aimed at passing the proof-of-knowledge exam required by German law. In the practical part of this training course tailor-made for the emergency services, the company's own aircraft were used. The participants flew a standardised flight programme on the company's grounds. This allowed the skills of the pilots to be assessed using the same evaluation criteria and verified that they were able to handle standard and emergency procedures safely.

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