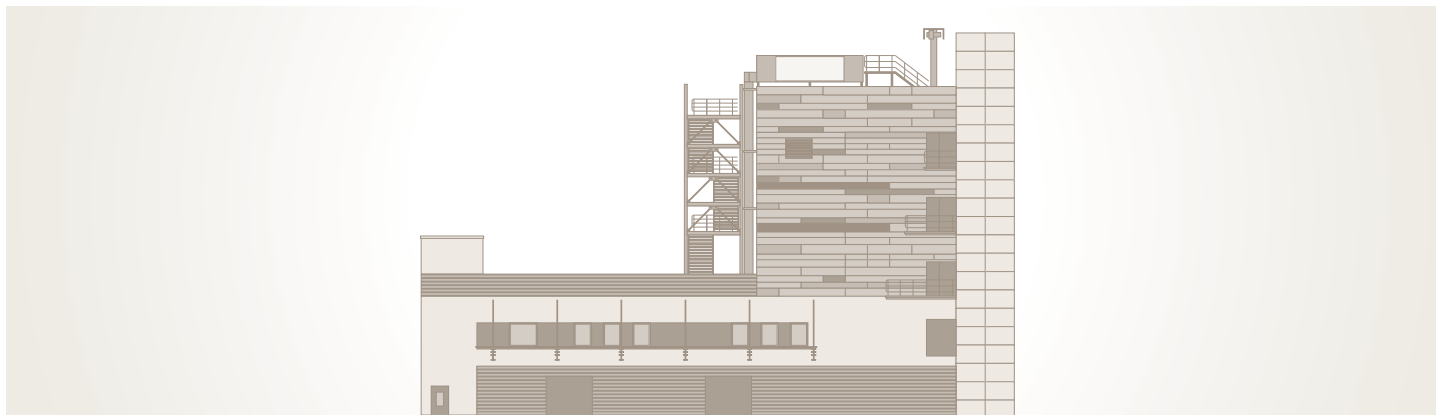


Next Generation Technologies: New spray dryer facility

State-of-the-art manufacturing of polymer microparticles and powders



OUR FOOTPRINT TARGET: By 2030, we will reduce our production waste by 10 percent.



SITUATION

- Spray drying is a common technology to manufacture EUDRAGIT® microparticles and powders from aqueous dispersions.
- Since EUDRAGIT® was first brought to market 70 years ago, Evonik has been building expertise and knowledge to develop and manufacture functional excipients, as well as formulation and application services.



COMPLICATION

- Evonik's spray drying capabilities available today don't meet future customer demand. Furthermore, the plant is located far away from the main EUDRAGIT® manufacturing site.



SOLUTION

- In September 2024, Evonik commissioned a new spray drying facility for oral pharma excipients in Darmstadt, Germany.
- This state-of-the-art facility is fully integrated into the existing production network of EUDRAGIT® enabling direct raw material transfer of aqueous dispersions into the spray dryer reducing packaging otherwise caused by transportation.
- The new plant is operated with green electricity and steam using the energy of waste incineration.
- In this way, more than 1,000 tons of CO₂e are saved every year.

LIFE AT HEART.

SYSTEM IN MINDS.

PARTNERS AT HAND.

