

### TV-Service – Seeing is believing

#### **BASF** in motion

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Inauguration of cathode active materials plant and kick-off of battery recycling plant for black mass production at BASF's Schwarzheide site, Germany

On June 29, 2023, we are celebrating two important milestones for our Battery Materials and Recycling business at BASF's Schwarzheide site in Germany: the inauguration of our cathode active materials plant and the kick-off for our black mass recycling plant.

We are working on answers to the pressing questions of the future. Innovative solutions from the chemical industry are the key to a climate-neutral future in many places and are paving the way for climate-neutral chemical production. We will show you our latest products and provide an overview of our Verbund sites worldwide.

Footage material

For further information:

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### (01) Kick-off for battery recycling plant for the production of black mass at BASF in Schwarzheide

Aerial shots (0'46 / ATMO / Footage)



BASF is building a battery recycling plant for the production of black mass at its Schwarzheide site in Germany, which is scheduled to come on stream in 2024. Earth work has been could be finalized and first concrete is poured.

End-of-life batteries and waste from battery production are mechanically processed in the new plant for black mass production. So called black mass contains key metals used to make cathode active materials: lithium, nickel, cobalt and manganese.

#### (02) Cathode active materials plant in Schwarzheide, Germany Aerial shots (0'48 / ATMO / Footage)



With the cathode active materials plant in Schwarzheide, Germany, BASF now produces in all three main markets worldwide: Europe, Asia and North America. It is the first production plant for high-performance cathode active materials in Germany and the first fully automated large-scale plant for the production of cathode active materials in Europe.



# (03) Cathode active materials plant in Schwarzheide, Germany Motive 1 (0'09 / ATMO / Footage)



With the cathode active materials plant in Schwarzheide, Germany, BASF now produces in all three main markets worldwide: Europe, Asia and North America.

Employees from the commissioning and process management teams on their inspection tour through the plant, here in the fully automated high-bay warehouse area.

## (04) Cathode active materials plant in Schwarzheide, Germany Motive 2 (0'31 / ATMO / Footage)



With the cathode active materials plant in Schwarzheide, Germany, BASF now produces in all three main markets worldwide: Europe, Asia and North America.

Employees from the commissioning and process management teams control the optimal feeding of raw materials into the production plant via the fully automated high-bay warehouse during the gradual commissioning of the plant.

# (05) Cathode active materials plant in Schwarzheide, Germany Motive 3 (0'48 / ATMO / Footage)



With the cathode active materials plant in Schwarzheide, Germany, BASF now produces in all three main markets worldwide: Europe, Asia and North America.

Employees from the commissioning and maintenance teams check the functioning of the fully automatic high-bay warehouse for the provision of raw materials required for production during the gradual commissioning of the plant.

## (06) Cathode active materials plant in Schwarzheide, Germany Motive 4 (0'10 / ATMO / Footage)



With the cathode active materials plant in Schwarzheide, Germany, BASF now produces in all three main markets worldwide: Europe, Asia and North America.

Employees from the commissioning and maintenance teams on their inspection tour through the plant, here in the fully automated high-bay warehouse area.

#### For further information:

## (07) Cathode active materials plant in Schwarzheide, Germany (0'08 / ATMO / Footage)



With the cathode active materials plant in Schwarzheide, Germany, BASF now produces in all three main markets worldwide: Europe, Asia and North America.

The video shows a section of the production area of the plant where the pretreatment of the precursors for cathode active materials takes place.

#### For further information:

