

# BASF is a leading supplier of high energy density cathode active materials for the automotive industry

## Cathode active materials drive battery performance

- HED™ Nickel Cobalt Manganese Oxide (NCM) & Nickel Cobalt Aluminum Oxide (NCA)
- Own precursor and cathode active materials manufacturing
- Global footprint, R&D, technology centers and production sites
- Comprehensive IP portfolio

## Targets and approach

By 2025, BASF aims to

- Double the range of a midsize car to 600 km
- Double the battery lifetime
- Halve the size of the battery
- Reduce the charging time to 15 minutes

→ Balance chemical composition

→ Optimize production process

