

TV-Service – Seeing is believing

BASF in motion

tvservice.basf.com

Full-Year Results 2018

Press conference, February 26, 2019

We work on finding solutions for future challenges in the areas of urban life, nutrition and energy. We show you our top innovations, the latest products, and provide you with an overview of our worldwide Verbund sites.

Footage material

As the world's leading chemical company, we believe strongly in the emotional appeal of film as a way of making innovations and solutions come alive before the viewer's eyes. Of course, as a journalist you can't be everywhere, but we can help bring you a little closer to our world.

00'06

(01) BASF Chandivali R&D Center, Mumbai

Impressions (Buildings)



BASF shares a rich history with India spanning more than a century. With our vast knowledge in the field of chemistry, we manufacture high-quality, innovative products that cater to a wide range of industries.

BASF in India has two research and development centers working closely with BASF's global technology platform, as well as several technical labs which focus on developing tailor-made solutions to meet current market demand, based on consumers' needs across sectors.

For further information:

BASF SE, Multimedia and Publications, Photo, TV and Film
Silke Buschulte-Ding
Tel. 0049 621 60 48 387
E-Mail: silke.buschulte-ding@basf.com



02'12

(02) Carbon Management

Synthesis gas direct conversion - Installation of a test catalyst



Climate protection is firmly embedded in BASF's new corporate strategy. A central goal of this strategy is to achieve CO₂-neutral growth until 2030. To accomplish this, BASF is continuously optimizing existing processes, gradually replacing fossil fuels with renewable energy sources and developing radically new low-emission production processes. The company is bundling all of this work in an ambitious Carbon Management program.

New Catalysts for Clean Olefins

For many years, the company has been continuously reducing its CO₂ emissions. For further significant reduction, innovative processes such as the synthesis gas direct conversion for the synthesis of olefins are being developed in research.

04'12

(03) BASF Verbund Site Nanjing

Plant facilities / Impressions



The integrated petrochemical composite at Nanjing is a 50:50 joint venture between BASF and Chi-na Petroleum & Chemical Company (Sinopec). It is located close to the Yangtze River in Luhe District of Nanjing Municipality. The Verbund system achieves extremely efficient production and safety by clustering plants and re-using by-products. Within Nanjing Chemical Industry Park (NCIP), BASF-YPC enjoys a favorable environment for further expansion as well as synergies with neighboring enterprises.

For further information:

BASF SE, Multimedia and Publications, Photo, TV and Film
Silke Buschulte-Ding
Tel. 0049 621 60 48 387
E-Mail: silke.buschulte-ding@basf.com



The site annually produces three million tons of high-quality chemicals and polymers for the Chinese market, serving rapidly-growing demand in multiple industries such as agriculture, construction, electronics, pharmaceutical, automotive or chemical manufacturing.

06'20

(04) Advanced Materials & Systems Research

Modern methods of investigation for understanding of new materials



Atomic force microscopy (AFM) provides diverse data of the investigated samples. These data need to be interpreted in a meaningful way, because the true value of the experiment is exploited in their relation to the desired materials and application properties.

The heart of an atomic force microscope for surface investigation is the palm-sized scanner unit. It steers a scanning tip, mounted on its end, with sub-nanometer-precision, providing a spatial resolution that corresponds to the size of individual atoms.

08'34

(05) trinamiX

Optics laboratory



The Ludwigshafen-based start-up trinamiX, a spin-off of BASF, is developing new methods for distance measurement and object recognition. These technologies are used, for example, in industrial automation.

For further information:

BASF SE, Multimedia and Publications, Photo, TV and Film
Silke Buschulte-Ding
Tel. 0049 621 60 48 387
E-Mail: silke.buschulte-ding@basf.com



Infrared sensing: Chemical expertise for better microchips

In the optics laboratory two employees test a prototype distance measurement device. They measure objects at different distances to determine its performance.

10'40

(06) Shaping the future of electromobility:

Research on high-performance battery materials

Production of a mini test battery (pouch cell): Assembly



Electromobility is an important contribution towards addressing global mobility needs – especially in combination with renewable energy. Lithium-ion batteries are used in the majority of today's electric vehicles. BASF is conducting global research on innovative cathode materials, one of the most important components of these batteries.

Materials for both lithium-ion and all-solid-state batteries

Cathode materials essentially determine efficiency, reliability, costs, durability and the size of the battery. Their properties enable speed, acceleration and power – from compact cars to SUVs, from trucks to buses. BASF's research includes the synthesis of cathode materials (including precursors), characterization of material properties and performance testing. At the same time, experts are working on components for next-generation batteries, such as all-solid-state batteries.

For further information:

BASF SE, Multimedia and Publications, Photo, TV and Film
Silke Buschulte-Ding
Tel. 0049 621 60 48 387
E-Mail: silke.buschulte-ding@basf.com

