TV-Service – Seeing is believing

BASF in motion

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Annual Shareholders' Meeting 2018

Mannheim, May 4, 2018

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.

00'08

(01) Smart Manufacturing

Butadiene plant

We are increasing the effectiveness of our plants and the efficiency of our production processes through the use of digital technologies and data. With mobile devices, we have access to relevant information for our daily work. The tight integration of production and business processes allows us to make better and faster decisions.

Augmented Reality

The "Augmented Reality" application supports employees at our plants in their daily tasks. Through the application, they have direct and quick access to necessary information via especially equipped

For further information:

BASF SE, Visual Communications,
Film, TV and photo editorial department
Silke Buschulte-Ding,
Tel. 0049 621 60 48 387,
E-Mail: silke.buschulte-ding@basf.com

mobile devices, such as tablets or smartphones. This enables us to increase the efficiency of our processes and ensure a more sustainable knowledge transfer.

02’24

(02) BASF Plant Science - Research Triangle Park (RTP), Durham

Greenhouse 5

In RTP, BASF manages a total of 480,000 sq. ft. and employs approximately 950 people. RTP serves as headquarters for the North American activities of BASF’s Crop Protection division as well as global headquarters for the Plant Science division. BASF has been a pillar of the North Carolina agricultural industry for the past decades, following the 1986 groundbreaking of the site.

BASF Plant Science is one of the world’s leading companies providing innovative plant biotechnology solutions for agriculture. Transgenic soybeans are part of a project that works on making soybeans resistant against fungal pathogens like Asian soybean rust, which contributes to high economic losses in agriculture every year.

04’40

(03) BASF Innovation Campus, Shanghai

Polyurethanes Research Lab

In November 2012 BASF inaugurated its first Innovation Campus Asia Pacific and its new Greater China headquarters. The €55 million expansion of BASF’s site in Pudong, Shanghai, where the new facilities are located, marks the company’s most important innovation investment in the region to date.

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Globally, at about 70 research and development centers, more than 10,000 BASF researchers in various disciplines are engaged in about 2,800 research projects around the world. The BASF central research and development organization is also integrated into an interdisciplinary and international network.

06’44

(04) White biotechnology at BASF – Ludwigshafen

Fermentation lab

White biotechnology is a key technology in BASF. It has the potential to manufacture products more efficiently than with conventional chemical processes. It is also useful for enabling completely new products not accessible using conventional synthesis approaches.

BASF uses the biotechnological methods of fermentation and biocatalysis in order to manufacture products such as vitamins, enzymes and chiral chemicals. For the fermentation process which takes place inside the bioreactor, the microorganisms are provided with oxygen, the right substrate solutions and optimal temperatures. Periodically samples are drawn from the bioreactor, which are analyzed further.

08’56

(05) BASF Verbund site Ludwigshafen

Aerial shots

As the headquarters of BASF, it is the cradle of the Verbund concept, where production facilities, energy flows and logistics are networked together intelligently in order to utilize resources as

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efficiently as possible. With around 250 productions facilities, hundreds of laboratories, technical centers, factories and offices in an area of approximately ten square kilometers, the site is the largest integrated chemical complex in the world.

BASF's largest logistics center, with a total area of 120,000 square meters, is located in the northern part of the site Ludwigshafen. It handles one million pallets a year which makes it Europe's largest logistics center for packaged chemicals.

11'34

(06) BASF Chandivali R&D Center, Mumbai

Plastic Additives and Pigments Lab

BASF in India has 9 production sites, 2 R&D centers and more than 2,000 employees and is well positioned to meet the current and future needs of the ever-growing Indian market. The focus is on developing innovative products and offerings, which can minimize environmental impact, improve food and nutritional value and in general promote a better quality of life.

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.

In the plastics additives and pigments laboratory BASF additives and pigments for various plastics applications will be analyzed.

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