

### On the way to gold medals with LANXESS

- **At the summer games in Rio, Bayferrox adds color to the Brazilian Sports Park in Barra da Tijuca**
- **Red and black pigments from the Inorganic Pigments business unit enhance the park grounds**

**Cologne** – Inorganic pigments from specialty chemicals company LANXESS have added color to many major sporting events in the past. Now the products from the successful Bayferrox range are to do the same for the Sports Park in Barra da Tijuca, Brazil. “From August 5 to 21, 2016, when 10,000 athletes from 166 countries compete in 28 sporting events at the summer games in Rio, both the participants and spectators will literally be walking on LANXESS,” says Jörg Hellwig, head of the LANXESS Inorganic Pigments business unit. That’s because much of the area around the venues is colored with black and red pigments from LANXESS.

#### Premium pigments for design and safety

The “Olympic Way”, a boulevard of black and light gray concrete paving stones, meanders along the entire stretch from the entrance, past the 15 venues, to the tip of the triangular grounds. The eight-centimeter-thick stones, placed in a wave shape, symbolize the confluence of the Rio Negro and Rio Solimões (Amazon River). The black-water Rio Negro gets its dark coloring from its high content of humic and fulvic acids, while the white-water Rio Solimões looks white when viewed at an angle on account of the mineral-based solids suspended in it. The rivers flow adjacent to one another over a distance of 11 kilometers before eventually converging. The concrete paving stones symbolizing this “Meeting of the Waters” were manufactured with over 40 metric tons of the iron oxide black pigments Bayferrox 318 and Bayferrox 340.

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Numerous quiet zones around the venues are also of colored design, as is the large square in front of the public viewing park right off the boulevard. Their prominent red coloring comes from Bayferrox pigments. Drainage stones measuring 40x40x8 centimeters and colored with over 20 metric tons of Bayferrox 110 have been laid over more than 12,000 square meters of the park. These highly water-permeable paving stones prevent puddles from forming after heavy rainfall.

Bayferrox pigments are also a prominent feature in the athlete's village: the microasphalt for the cycle paths here was colored with Bayferrox 130 iron oxide red pigment. The red coloring helps to enhance traffic safety by clearly marking the cycle paths as separate from the gray concrete pedestrian walkways. Even after the games are over, the colored surfaces will retain their brilliant appearance for decades to come thanks to the pigments' outstanding weather resistance.

### **Sustainability first**

Sustainability was of major importance to the organizers in designing the Sports Park in Barra da Tijuca. For example, water cisterns and treatment plants have been installed, and the subsequent utilization of the area as a new city quarter was included in the planning process from the outset. LANXESS, with all its various business fields, is a strong partner for sustainability. Its production processes are designed to conserve resources and preserve the environment – and to be safe and sustainable. All production facilities are certified to DIN ISO 9001 and ISO 14001 and audited regularly. State-of-the-art waste gas and wastewater treatment facilities at the respective sites help to avoid emissions almost entirely. For more information on LANXESS pigments, go to [www.bayferrox.com](http://www.bayferrox.com).

LANXESS is a leading specialty chemicals company with sales of EUR 7.9 billion in 2015 and about 16,600 employees in 29 countries. The company is currently represented at 52 production sites worldwide. The core business of LANXESS is the

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development, manufacturing and marketing of chemical intermediates, specialty chemicals and plastics. Through ARLANXEO, the joint venture with Saudi Aramco, LANXESS is also a leading supplier of synthetic rubber. LANXESS is listed in the leading sustainability indices Dow Jones Sustainability Index (DJSI World) and FTSE4Good.

Cologne, July 29, 2016  
ari/kaw (2016-00063e)

### **Forward-Looking Statements.**

This news release may contain forward-looking statements based on current assumptions and forecasts made by LANXESS AG management. Various known and unknown risks, uncertainties and other factors could lead to material differences between the actual future results, financial situation, development or performance of the company and the estimates given here. The company assumes no liability whatsoever to update these forward-looking statements or to conform them to future events or developments.

### **Information for editors:**

All LANXESS news releases and their accompanying photos can be found at <http://press.lanxess.com>. Recent photos of the Board of Management and other LANXESS image material are available at <http://photos.lanxess.com>. TV footage can be found at <http://globe360.net/broadcast.lanxess/>.

You can find further information concerning LANXESS chemistry in our WebMagazine at <http://webmagazine.lanxess.com>.

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