

Our highlights for 2017

The year was full of highlights: successful deals and promising collaborations, groundbreaking innovations, important events for our talent development program and much more. An overview of 2017.

JANUARY | CUSTOMER ORIENTATION

Heraeus restructures its **precious metal business**. The area within the activity field Environmental assumes a more market-oriented position at the beginning of the year and brings together all competencies for precious metal-based industrial products as well as the precious metal cycle.

MARCH | TALENT DEVELOPMENT

At the second **Apprenticeship Evening**, over 3,000 visitors learn about apprenticeship opportunities at local companies in Hanau. At the event, where the motto is "No longer in the dark – your mission: education," apprentices are the evening's experts.



APRIL | PORTFOLIO MANAGEMENT

Heraeus announces its complete acquisition of the Swiss precious metal processor, **Argor-Heraeus**, and the deal is finalized in July. Heraeus is now the leader in the industrial precious metal business.



MAY | INNOVATION

Heraeus Electronics presents a global debut: **DCB+ substrates with pre-applied solder** simplify the production process for performance electronics.

MAY | TALENT DEVELOPMENT

The new TU Darmstadt race car contains five ultralight **3D-printed components** from Heraeus. The products from Heraeus Additive Manufacturing are approximately 50 percent lighter than their predecessors – a meaningful weight reduction for the race car in the Formula Student competition.

JULY | SUSTAINABILITY

Heraeus publishes its first **Sustainability Report**, sparking the dialogue about responsible economic activity and especially recycling.



AUGUST | COLLABORATIONS

Heraeus is a partner in the **3i-PRINT project** to breathe new life into an old VW Caddy minivan. The project used additive manufacturing to print a functionally integrated, particularly lightweight and stable front end for the cult classic to demonstrate the advantages of additive manufacturing for the automobile industry.

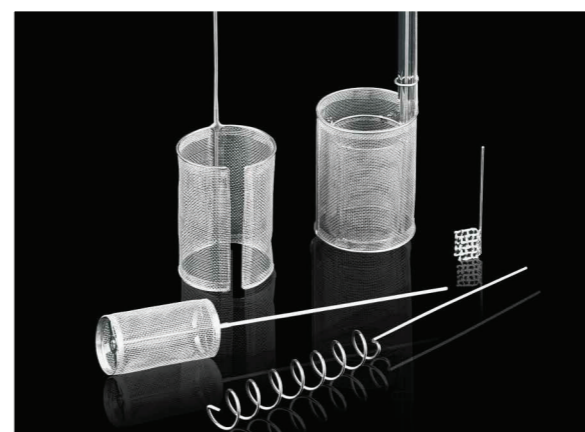


SEPTEMBER | INNOVATION

With the Porocarb® carbon powder product line, **Heraeus Battery Technology** now is used in lead-acid batteries for the first time, improving the batteries' lifespan and performance.

SEPTEMBER | PORTFOLIO MANAGEMENT

With the acquisition of Biotectix, a start-up in the United States specializing in the production of polymer-based conductive materials, Heraeus Medical Components lays a foundation for the development of the new biosensor and brain stimulation systems business.



SEPTEMBER | CUSTOMER ORIENTATION

Heraeus Precious Metals contributes approximately 7,000 components made from around 10 metric tons of ultrapure, superconductive Niobium to Europe's most powerful **X-ray laser**. The XFEL project (X-ray free-electron laser) aims to offer European researchers insight into the previously-inaccessible world of the tiniest particles.

SEPTEMBER | CUSTOMER ORIENTATION

Heraeus Electronics opens its first **applications lab** for surface assembly in the United States. Clients can use the new test systems together with Heraeus experts in process optimization and product development at the site in West Conshohocken, Pennsylvania.

NOVEMBER | COLLABORATIONS

Heraeus Electronics concludes a global licensing agreement with Mozaik Technology to set new benchmarks for miniature components and microelectronic circuits by using **photo-imageable thick film technologies**.

NOVEMBER | COLLABORATIONS

Heraeus Photovoltaics collaborates with Rietech Solar in China. The manufacturer of silicon wafers for solar cell will be using **HeraGlaze**, a product that Heraeus developed in 2017, to prevent impurities when melting silicon blocks in the future.

NOVEMBER | AWARDS

The **Heraeus Awards** once again recognize outstanding achievements in the categories of innovation, Heraeus Production System (HPS) and commercialization.

