

# WELCOME AT DESY

A glowing blue particle accelerator ring, likely the DESY ring, is shown in a perspective view. The ring is composed of multiple parallel lines of light, creating a sense of depth and motion. A bright light source is visible at the top right, emitting a starburst effect. The background is a dark blue gradient.

## Innovation & Technology Transfer

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# A world-leading accelerator lab

## DESY's Mission



# DESY at a glance

DESY- research centre as part of the Helmholtz Association



Approx. 3,000 employees, dv. 1,100 scientists in the areas of accelerator operation, research and development & over 3,000 visiting scientists from over 40 nations annually



approx. 250 million € basic budget (90 % federal government, 10 % state)



Two locations in Hamburg and Zeuthen (Brandenburg)



Long tradition: Founded in 1959, since then there has been a steady modernisation of the radiation sources

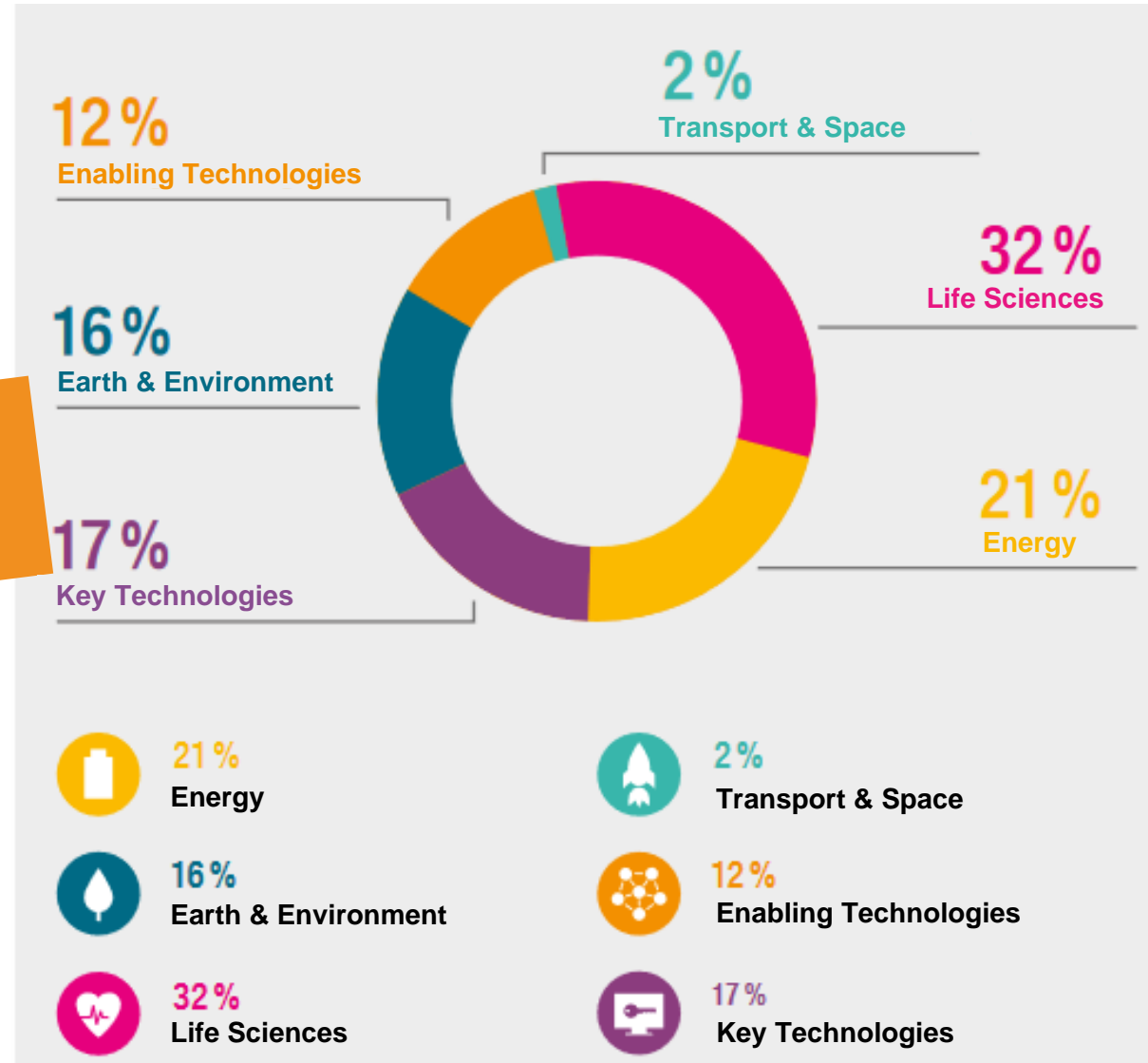
# Brilliant light sources & complex high-tech systems

Innovation motor DESY



# Brilliant X-rays from PETRA III

Highly brilliant synchrotron radiation for diverse research questions!



APPROX. 10 % USAGE BY  
INDUSTRY AND APPLIED  
RESEARCH

# Fast and uncomplicated access for the industry

## Direct commercial access



- No academic partner required, possible under NDA.
- Free feasibility study possible!
- Complete service package (beam time, labs, mechanics, workshops, data evaluation, quality tests, etc.)

## Cooperation with DESY or partners



- Joint work on new methods, technologies
- Joint applications for external funding
- Funding a doctoral student for the greatest added value
- Initiate or expand joint development platforms: Companies, DESY, Fraunhofer, campus partners, etc

## Via universities and research institutes



- Standard academic application (e.g. BioNTech via Uni Mainz @ PETRA III)
- Fast commercial access through university or company

## Via service providers



- Highly specialized experts in many fields
- SP offer additional services, such as
  - Consulting
  - Preparation
  - Analysis
  - Post-processing

# Hi-Acts

Helmholtz accelerator-based technologies solutions & stakeholders for wide-spread use





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