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Sustainability approach at DESY

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DESY is an accelerator facility with an evolving history. Having started as a collider, we now provide the platform for a wide range of applications. Our expertise ranges from detector development and testing to dark matter experiments and photon science.

As a large research institute with an enormous consumption of resources, we also have a great responsibility to use these resources wisely. In order to fulfil this responsibility, the staff unit for sustainability was established at DESY in 2019. We are currently facing the challenge of upgrading our PETRA accelerator. This involves the use of large quantities of materials, such as concrete for new buildings, copper for cables and much more. Energy consumption also needs to be minimised.

In this presentation, the sustainability strategy of DESY will be briefly presented with some examples. Our experiences, processes, problems and ideas will be discussed. And an outlook will be given.

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