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## **Sustainable Accelerator R&D in the UK (Contribution from the IOP PABG)**

*Tuesday 11 June 2024 14:40 (30 minutes)*

This talk describes some of the work on sustainable accelerators carried out within the ASTeC department of STFC. We are developing a portfolio of sustainable accelerator technologies, including permanent magnets and thin film superconducting cavities. We have carried out a carbon inventory of RUEDI, a future electron diffraction facility to be built at the Daresbury site, and we plan to invest significantly in this area in the coming years with the creation of a new Centre of Excellence in Sustainable Accelerators (CESA).

**Presenter:** Mr SHEPHERD, Ben

**Session Classification:** Invited Talks