

# **PCC HEAT DECARBONISATION PROGRAMME PHASE B.I**

## **Briefing Report Part I**



Phase B of the PCC Decarbonisation Programme will commence with Harewood House (Ph B.I).

A condition survey and feasibility study determined that the boilers are 10 years old and heating is distributed through air handling units and radiators. The gas consumption is estimated to emit over 16t carbon per year.

An application for Salix grant was successful to part fund:

- Replacing the gas fuelled space heating boilers with air source heat pumps (ASHPs).
- Upgrading the electricity capacity to accommodate the heat pump demand.
- Installing a rooftop solar array.
- Replacing all fluorescent and sodium lamps with LED lighting.
- Increasing the loft insulation.

The grant will be available in 2025/26 with CEIF contribution covering the period 2024/25 to 2025/26. The CEIF contribution is about 76% of the total cost of £458,353 including tender documentation, project delivery, Design & Build contract and contingency.

The project will realise a financial benefit of £3.5k in year 1 and reduce 320t of carbon over the life of the measures.