

# NEXT 7 DECARBONISATION PROJECT

## Briefing Report Part I



Following feasibility work for heat decarbonisation of seven PCC sites, the business case has been approved (24/03/2021). This heat and building fabric project will reduce nearly 3,400t of carbon emissions over the life of the measures (heat pumps, PV, glazing and insulation).

The project is expected to cost about £1,672,900.

A capital grant cover 96% of the project costs has been approved. The rest of the costs are covered by S106 money.

The project covers seven sites with a range of heat decarbonisation measures:

- **I Derriford Park:** high temperature air source heat pump (HT ASHP)
- **Camels Head:** HT ASHP, PV and battery
- **Prince Rock Admin:** HT ASHP, PV and battery, external wall insulation
- **Frederick Str:** HT ASHP, loft insulation
- **Crownhill Court:** HT ASHP, PV and battery
- **Council House:** loft insulation
- **Midland House:** external roof insulation, double glazing window replacement

This project supports the need to reduce carbon emissions across the PCC estate. This contributes to the Corporate Carbon Reduction Plan, and the Climate Emergency Action Plan.