







Decarbonisation

The project includes a variety of Council buildings consisting of a mixture of Leisure Centres, Council buildings and public buildings such as Adult Respite Centres and Disability Resource Centres. The list of sites included in the Heat Decarbonisation Plan are:

- 1. Knowsley Leisure & Culture Park
- 2. Kirkby Leisure Centre
- 3. Halewood Leisure Centre
- 4. Stockbridge Village Leisure Centre
- 5. Nutgrove Villa
- 6. Knowsley Central School
- 7. Bewley Drive Resource Centre
- 8. Kirkby Respite Unit
- 9. Prescot Registry Office
- 10. Huyton Municipal Computer Centre
- 11. Huyton Resource Centre for Older People
- 12. Stockbridge Disability Resource Centre
- 13. Kirkby Resource Centre for Older People
- 14. The Kirkby Centre
- 15. Halewood Country Park Environment Centre
- 16. Stadt Moers Park Visitors Centre
- 17. Alt Bridge School
- 18. Huyton Adult Respite Centre

Opportunities for the sites have been focused on the decarbonisation of the heat within the building. Individual site assessments have been carried out for each of the sites taking a whole building approach on energy generation and energy consumption.

Each individual report looks at the existing fabric of the building, the current energy systems installed and the subsequent carbon emissions of the building in its current state. Proposals are then made on how to improve the efficiency of the building with upgrades such as double glazing and insulation and the most suitable and effective low carbon technology for that site.

The new carbon emissions, based on the improvement works and the low carbon technologies put forwards have also been calculated as well as thorough costings for each site.





