



CARBON NET ZERO DEVELOPMENT



PLP CREWE CASE STUDY

Size: 43,000 sq ft & 92,000 sq ft
Sat Nav: CW2 5AB
Completion: Phase 1 July 2022
Development: Speculative

Modern distribution business park close to the M6 motorway and proposed HS2 Hub. PLP Crewe Commercial Park is **Net Zero Ready** in accordance with the **UKGBC Net Zero Carbon Buildings Framework**. Construction carbon has been modelled at as built stage, and reduced through the specification of **low carbon products** combined with **efficient operational energy** measures and a **high performance building envelope**.



Unit 1a **9,094m²** / Unit 1b **4,267m²**



Site area 8.65 acres



Total carbon saved / offset: **4,096 tCO₂**



Carbon Neutral Certified

ENERGY EFFICIENT OPERATION



Low carbon heating heat pump and water heating



Double the number of integrated solar PV panels required by planning



EPC A Rating



BREEAM Very Good



High performance building envelope (U Value & Air Tightness)



Roof lights



REDUCING CARBON CONSTRUCTION



Low carbon products including Twin Therm external walls



Interface carpet tiles



Recycled content within the concrete as a cement alternative, through the use of Cemex

INVESTING IN A SUSTAINABLE FUTURE: CARBON OFFSET PROJECTS



50% renewable energy and sustainable infrastructure projects in Asia, to support the drive towards a low carbon future



50% replacement of existing traditional cookstoves with sustainable, high efficiency alternatives in Bangladesh