

Appendix

1. List of key sites in an energy performance partnership with Vital Energi

1. Guildhall Complex	8. City of London School	14. London Metropolitan Archives
2. Barbican Arts Centre	9. City of London School for Girls	15. Tower Hill Car Park
3. London Central Market (Smithfield)	10. Walbrook Wharf Cleansing Depot	
4. Central Criminal Court	11. Tower Bridge	
5. New Spitalfields Market	12. Mansion House	
6. City of London Freeman's School	13. GSMD (inc. Milton Court and Sundial Court)	
7. Billingsgate Market		

2. Centre of Excellence roles.

Centre of Excellence roles	
Sustainable Investment Property Specialist – Arcadis (in place)	Heat Decarbonisation Engineering Support – Arcadis (in place)
Resilience and Sustainable Design – Arcadis (in place)	Energy Project Services (Housing) – Etude (in place)
Building Management Systems Operations – Schneider (in place)	Monitoring and Targeting – Team Energy Auditing (in place)

3. Whole Life Carbon Assessments – Pilot projects.

	Project Name	Areas (m ²)	RIBA Stage	Project Type
1	15-17 Eldon Street & 1st-5th/6 Broad Street Place	10,000	RIBA 3	Office
2	Brewery Road - Refurbishment & Extension	3,931	RIBA 5	Office
3	Finsbury Garden Pavilion and Landscaping	600	RIBA 4	New Build
4	CoL Junior School Expansion	2,400	RIBA 4	School
5	COLPAI - CoL Primary Academy & Islington	8,500	RIBA 5	School

4.Key Risks

Risk	Mitigation
Delays in securing resource Impacts project delivery.	Review of Centre of Excellence completed to address this issue. Use of flexible frameworks for Project Management resource. Utilising Lead Consultancy with backup resource available.
Funding gap emerges following investment grade proposals.	Existing funding allocation to be complemented with grant funding applications. Investigate energy performance contracts option to minimise capital investment.
Carbon grid factors adversely affected.	Keep in review BEIS grid factors and their impact on reach the 2026/27 Targets. Use PPA benefit and report Market based emissions as well as location based.
Major projects/programmes: The proposed further review of operational properties as part of the MTFP and Net Zero Budgeting.	Major programmes and projects may impact the decisions on CAS interventions or reduce the payback period if a decision is made to dispose or refurbish a building. In all cases full consideration should be made within the decision-making process. Additional carbon emitted from new developments limited by NZC design standards introduced and any subsequent asset disposals.

6. Anticipated Energy and Cost savings from Energy Conservation Measures Implemented/planned.

Project	Total Energy savings	Annual cost savings (23/24 energy prices)
	kWh/yr	£

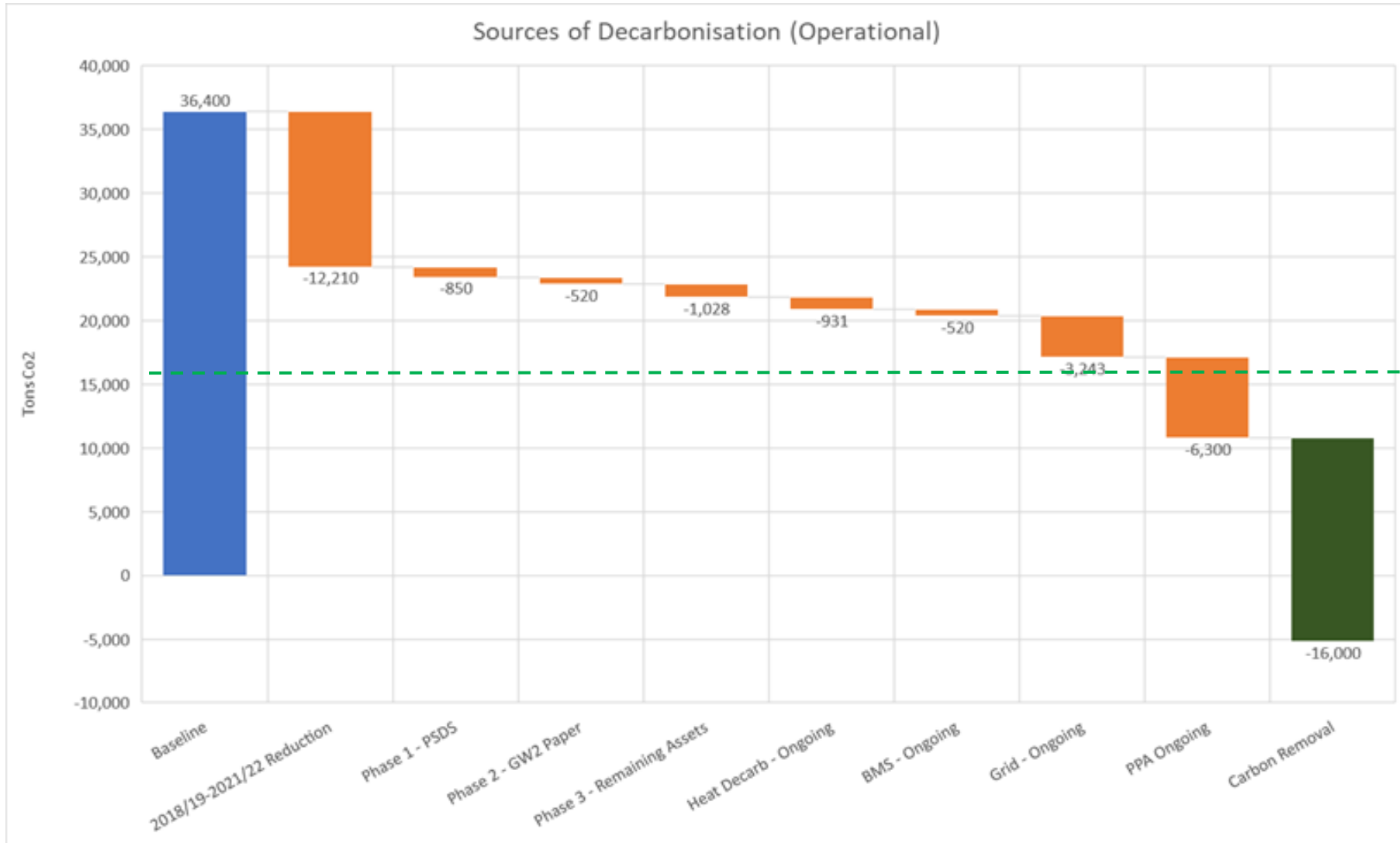
PSDS Programme

PSDS RA-W Barbican Arts Centre	2,838,978	£443,518
PSDS RA-W Silk Street (GSMD)	644,064	£105,848
PSDS RA-W Milton Court (GSMD)	540,326	£95,884
PSDS RA-W Sundial Court (GSMD)	257,836	£53,196
PSDS RA-W John Hossier Anexe	20,057	£4,814
PSDS RA-W Guildhall Complex	584,700	£122,929
PSDS Guildhall Ventilation	2,445,371	£341,040
PSDS Guildhall Chilled Water Mods	160,551	£38,532
PSDS LMA Ventilation	62,410	£14,978
TOTAL	7,554,292	£1,220,738

CAS Phase 1 Capital Programme

CAS Phase 1 Programme: BAC Mech.	157,427	£79,832
CAS Phase 1 Programme: BAC Lighting	246,212	£56,629
CAS Phase 1 Programme: BAC Specialist Lighting	198,353	£48,457
CAS Phase 1 Programme: GSMD	166,411	£40,654
CAS Phase 1 Programme: Guildhall	309,869	£71,270
CAS Phase 1 Programme: LMA	57,831	£17,646
CAS Phase 1 Programme: Mansion House	916,660	£76,992
CAS Phase 1 Programme: Open Spaces - Solar PV	112,134	£25,791
CAS Phase 1 Programme: Open Spaces - The Warren	33,555	£10,669
CAS Phase 1 Programme: Walbrook Wharf	310,257	£29,853
CAS Phase 1 Programme: BEMS	807,648	£110,603
TOTAL	3,316,357	£568,396

7. Waterfall chart showing the impact of interventions (including grid decarbonisation) on achieving the 2027 Scope 1 & 2 target.



--- Carbon reduction target (16ktCO2)