

Examples of Eligible Technologies

For reference when planning your Phase 5 Low Carbon Skills Fund project, the following list includes examples of eligible technologies for Phase 3c Public Sector Decarbonisation Scheme. Please note this list is subject to change in the future.

Project Type	Work Type	Direct Carbon Savings	Indirect Carbon Savings	Lifetime
Low Carbon Heating	Air source heat pump (air to water)	x		20.00
	Air source heat pump (air to air)	x		20.00
	Ground source heat pump	x		25.00
	Water source heat pump	x		25.00
	Connect to existing district heating	x		30.00
	Connect to onsite heat network	x		30.00
	Hot water - electric point of use heaters	x		12.00
	Solar thermal	x		25.00
	Biomass	x		20.00
	Electric boiler	x		20.00
	Electric heater	x		10.00
	Electric radiant panel heater	x		20.00

Project Type	Work Type	Direct Carbon Savings	Indirect Carbon Savings	Persistence Factor
Building Management Systems (BEMS)	BEMS - not remotely managed	x	x	6.84
	BEMS - remotely managed	x	x	8.42
Cooling	Cooling - control system		x	6.84
	Cooling - plant replacement/upgrade		x	8.21

	Energy efficient chillers		x	14.44
	Free cooling		x	13.68
	Replacement of air conditioning with evaporative cooling		x	13.68
Energy from Waste	Anaerobic digestion	x	x	15.20
	Incineration	x	x	15.20
Heating	Heat recovery	x		10.83
	Heating - discrete controls	x		6.84
	Heating - distribution pipework improvements	x		15.20
	Heating - zone control valves	x		11.88
	Replace steam calorifier with plate heat exchanger	x		28.50
	Steam trap replacements	x		15.20
	Thermal stores	x		18.00
Hot Water	Flow restrictors	x		14.00
	Hot water - distribution improvements	x		18.00
	Hot water - efficient showers	x		8.00
	Hot water - efficient taps	x		11.00
Industrial Equipment	Energy efficient convection-oven	x		10.30
	Energy efficient dishwasher	x		10.80
	Energy efficient washing machine	x		20.00
	Energy Efficient Steriliser	x		20.00
Insulation - building fabric	Cavity wall insulation	x		30.00
	Double glazing with metal or plastic frames	x		28.00
	Dry wall lining	x		30.00
	External wall insulation	x		30.00

	Loft insulation	x		27.00
	Floor insulation - suspended timber floor	x		27.00
	Floor insulation - solid floor or other type	x		30.00
	Roof insulation	x		30.00
	Secondary glazing	x		7.92
Insulation - draught proofing	Insulation - draught proofing	x		29.25
Insulation - other	Automatic speed doors	x		8.45
	Automatic/revolving doors	x		8.45
	Draught lobby (external)	x		29.25
	Draught lobby (internal)	x		29.25
	Radiator reflective foil (external walls)	x		8.00
Insulation - pipework	Heating pipework insulation (external)	x		9.00
	Heating pipework insulation (internal)	x		22.50
LED lighting	LED - new fitting		x	25.00
	LED - same fitting		x	13.00
Lighting Controls	Lighting - discrete controls		x	8.89
	Lighting control system centralised		x	10.26
Motor Controls	Fixed speed motor controls	x	x	11.40
	Motors - flat belt drives	x	x	11.40
	Variable speed drives	x	x	10.26
Motor Replacement	Motors - high efficiency	x	x	15.00
Renewable Energy	Small hydropower		x	22.80
	Solar PV		x	22.50
	Wind turbine		x	17.60

Time Switches	Time switches	x	x	6.84
Transformers	Low loss		x	30.00
	Transformer tapping change		x	30.00
Ventilation	Fans - air handling unit		x	23.75
	Fans - high efficiency		x	14.25
	Phase change material		x	23.75
	Ultrasonic humidifiers		x	7.22
	Ventilation - distribution		x	30.00
	Ventilation - presence controls		x	6.84

Project Type	Work Type	Direct Carbon Savings	Indirect Carbon Savings	Persistence Factor
Enabling Measure	Battery - in combination with renewable			
	Battery - standalone			
	Capacity improvements			
	Electrical distribution			
	Incoming electricity upgrade			
	Meters - flow			
	Meters - heat			
	Meters - other			
	Smart meters			
	Upgrade electrically powered uninterruptible power supply			