

# Net Zero & Physical Activity

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# Introduction

- The wider context of leisure & climate change
- Case studies and future leisure plans to tackle climate change
- Key points to consider in meeting Net-zero targets

# The wider context of leisure & climate change

- Carbon emissions from leisure
- LGPAP research & position statement
- Vital public service

# Case studies and future leisure plans to tackle climate change

- Asset investigation
- Trajectory reports
- Energy audits
- Retrofit vs new building
- Heat pump considerations
- PSDS funding England, Scotland new PSDS announced, Salix energy efficiency Wales

**Table 3** ASHP System Cost

Item	Description	Costs
1	Preliminaries	£29,000
2	<b>ASHP and Plant Room</b>	
	Construction of External Compound	£108,000
	Heating Air Source Heat Pump(s)	£510,000
	Acoustic Attenuation	£44,000
	Buffer Vessel(s)	£15,000
	Heating Primary Pump(s)	£49,000
	Heating Secondary Pump(s)	£40,000
	Pressurisation Unit(s) & Expansion Vessel(s)	£10,000
	Plant Room Pipework, Valves, & Ancillaries	£90,000
	Automatic Controls, Control Panel & BMS	£70,000
	Electrical Works	£37,000
	Interconnecting Pipework to Plant Room	£9,000
	Builders' Work	£73,000

3	<b>HEATING DISTRIBUTION</b>	
	Removal of Existing Building Plant & Equipment	£28,000
	Heat Emitters (Radiators)	£82,000
	Distribution Pipework	£76,000
	New AHU Heating Coils	£60,000
	Heat Exchangers for Pools	£28,000
4	Upgrading Main Incoming Electrical Supply	£100,000
5a	Testing & Commissioning	£10,000
5b	Demonstration & Training	£2,000
5c	Record Information	£3,500
6	Contingency Sum	£148,000
<b>7</b>	<b>Works Budget Total</b>	<b>£1,621,500</b>
8a	APSE Design Fees	£146,000
8b	APSE Project Management Fees	£73,000
<b>9</b>	<b>Project Budget Total</b>	<b>£1,840,500</b>

# Key points to consider in meeting Net-zero targets

- Carbon emissions from facilities
- Active travel
- Mental health, social prescribing, outdoor exercise
- EV car clubs based out of leisure centres, car parks there already
- Ebike hubs, bike libraries, repair and lend
- Outdoor pools – pool covers

# Questions?

# Contact details

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