













Three Canital	at <u>is</u> i e criteri	a for choosing	get z o g impro	vement	packages
Capital o	ost band	Symbol	- I	Net	cost (f)
Up to £100 £100 - £1000 £1000 - £5000 £5000 - £10,000		£		(capital minus fuel saving) divided by	
		££			
		<i></i>		Whole-life	carbon dioxide
				emissions r	eduction (tonne)
Disruption	ON	Examples	Carbon o	cost effective	eness
Minimal	*	Low energy lamps, energy efficient appliances	Pays for it	solf	00000
Low	* *	Heating controls, cavity wall insulation, draught-stripping, loft insulation	0 - 10 £/tonne CO2		0000
Moderate	* * *	Replacement boiler, solar water heating	10 - 100 £/tonne CO2		000
High	***	Replacement windows, whole house ventilation, external wall insulation	100 - 500	£/tonne CO ₂	00
Significant	****	Ground floor insulation, internal wall insulation, new heating system	> 500 £/to	nne CO2	٢

1			Carbon cost	
	Measure	Capital cost	effectiveness	Disruption
VALUE AND A	Floors Floor insulation	££	00000	****
	Walls Internal wall insulation Cavity wall insulation External wall insulation	ÉÉÉÉ ÉÉ ÉÉÉÉÉ/É	00000	***** ** ***
	Roofs Loft insulation Rafter insulation (only when reroofing)	ÉÉ ÉÉÉ	00000	** ***
	Windows and doors Replacement windows and doors (U value 1.8) Replacement windows and doors (U value 0.8)	ÉÉÉ ÉÉÉÉÉÉ	00	*** ***
	Air tightness and ventilation Draught-stripping Major air-tightness measures Air-tightness measures with MVHR	É ÉÉ ÉÉÉ	00000	*** *** ***
UK average house	Lighting and appliances Low energy lights Low energy appliances (marginal cost of replacement)	É ÉÉÉ	00000	**
Capital cost,	Heating Replacement gas boller Upgrading heating controls Micro CHP Ground source heat pump All source heat pump	£££ ££ ££££ £££££ £££££	000	*** ** *** ****
disruption and	Wood pellet boller	ÉÉÉÉ	ŏo	****
carbon cost	Renewable energy systems Solar hot water heating	<i>fff</i>	0	**
offectiveness	I kW solar photovoltaic panels	ĔĔĔĔ	õ	22





























