

THAW ORKNEY - Impact Map

Spreadsheet for developing SROI analysis. THAW Orkney 2016-17

Stage 1	Stage 2		Stage 3			Stage 4												
Stakeholders	Intended/unintended changes	Inputs	Outputs	The Outcomes (what changes)					Deadweight %	Displacement %	Attribution %	Drop off %	Impact					
Who do we have an effect on? (Who has an effect on us?)	What do you think will change for them?	What do they invest? (Who is the funder?)	Summary of activity in numbers	Description	Indicator	Source	Quantity	Duration	Outcomes start	Financial Proxy	Value in currency	Source	What would have happened without the activity?	What activity did you deliver?	Who else contributed to the change?	Does the outcome drop off in future years?	Quantity times financial proxy less deadweight/displacement and attribution	
				How would the stakeholder describe the changes?	How would you measure it? (Where did you get the information from?)		How much change was there?	How long does it last after end of activity? (Only enter numbers)	Does it start period of activity (-1) or end of activity? (Only enter numbers)	What proxy would you use to value the change?	What is the value of the change? (Only enter numbers)	Where did you get the information from?						
Client Households	Improved health and wellbeing, reduced energy costs, increased income, improvement to housing in general	Time and effort	60.00	404	Energy efficiency improvements to the home	THAW database	179	4	1	Actual cost	5346.786.00	THAW database/ industry assumptions	10%	0%	29%	5%	221,596.25	
					Increased comfort levels	Number of Cozy Home packs distributed	THAW database	95	2	1	Actual cost	17,000.00	THAW database actual costs	0%	0%	10%	0%	6,300.00
					Increased income through additional benefit claims	Number of clients referred for income maximisation checks and successfully received additional income	THAW/CAB database	25	1.5	1	Actual cost	187,461.70	Orkney CAB actual figures	10%	0%	0%	0%	78,715.53
					Reduction in fuel poverty/ increased income as a result of energy savings	Amount of energy savings made on an annual basis due to energy efficiency improvements	THAW database	179	4	1	Savings on energy bills	181,531.76	THAW database for number of installations a savings based upon industry assumptions	10%	0%	29%	5%	39,574.39
																	0.00	
Delivery Partners	Increased number of referrals, access to clients not otherwise reached, increased recognition	Time input to partnership	60.00	2	Increased range of services available to clients	Number of delivery partners reporting improved service to customers	Interviews	2	1	Cost of customer service course	500.00	Read www.nead.co.uk	10%	0%	0%	0%	450.00	
					Reported increase in numbers of additional clients	Number of delivery partners reporting reaching new customers	Interviews	2	1	Cost of advert in local paper once a month for a year	1,080.00	The Orkney Rate Card - TBC	10%	0%	0%	0%	1,080.00	
Stakeholder Organisations	Increased number of referrals, increased recognition/ reputation	Time and effort	60.00	8	Reported increase in numbers of additional clients	Number of stakeholder organisations reporting reaching new customers	Survey	2	1	Cost of customer service course	500.00	Read www.nead.co.uk	10%	0%	0%	0%	450.00	
					Increased range of services available to clients	Number of stakeholder organisations reporting improved service to customers	Survey	4	1	Cost of advert in local paper once a month for a year	2,160.00	The Orkney Rate Card - TBC	10%	0%	0%	0%	2,160.00	
Government / public purse	Improvement in public health, increased spending within the economy, job creation, reduced climate change emissions through fuel switching etc	Time and effort	60.00	184	New jobs created with the THAW Orkney pipeline partnership	Number of people directly employed within the partnership	THAW Orkney	5	1.25	Employer costs including overheads	231,861.00	THAW actual costs	0%	0%	0%	0%	231,861.00	
					Savings in NHS healthcare costs through investment in energy efficiency measures	Value of capital investment in energy efficiency improvements to housing	THAW database	179	4	Savings to NHS budget from energy efficiency improvements to housing	253,275.00	Cost Medical Officer assumptions	10%	0%	29%	5%	161,842.73	
Funders	Meeting targets for funding impact	Project funding	5508,516.00															0.00
Total			5508,516.00															744,029.00

Total	744,029.00
Present value of each year	
Total Present Value (PV)	2,784,240.04
Net Present Value	2,085,724.04
(PV minus the investment)	
Simple Return	6.43
Value per amount invested	

Calculating Social Return					
Discount rate	3.5%				
Year 0	Year 1	Year 2	Year 3	Year 4	Year 5
221,596.25	221,596.25	210,516.44	199,060.62	189,991.00	0.00
6,300.00	6,300.00	6,300.00	0.00	0.00	0.00
78,715.53	78,715.53	78,715.53	0.00	0.00	0.00
39,574.39	39,574.39	37,595.67	35,715.89	33,930.10	0.00
0.00	0.00	0.00	0.00	0.00	0.00
450.00	450.00	0.00	0.00	0.00	0.00
1,080.00	1,080.00	0.00	0.00	0.00	0.00
450.00	450.00	0.00	0.00	0.00	0.00
2,160.00	2,160.00	0.00	0.00	0.00	0.00
231,861.00	231,861.00	231,861.00	0.00	0.00	0.00
161,842.73	161,842.73	153,750.59	146,063.06	138,759.91	0.00
0.00	0.00	0.00	0.00	0.00	0.00
Total	744,029.00	718,729.23	670,950.77	644,334.38	618,055.63
744,029.00	718,869.47	670,950.77	644,334.38	618,055.63	0.00
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6,300.00	6,300.00	6,300.00	0.00	0.00	0.00
78,715.53	78,715.53	78,715.53	0.00	0.00	0.00
39,574.39	39,574.39	37,595.67	35,715.89	33,930.10	0.00
0.00	0.00	0.00	0.00	0.00	0.00
450.00	450.00	0.00	0.00	0.00	0.00
1,080.00	1,080.00	0.00	0.00	0.00	0.00
450.00	450.00	0.00	0.00	0.00	0.00
2,160.00	2,160.00	0.00	0.00	0.00	0.00
231,861.00	231,861.00	231,861.00	0.00	0.00	0.00
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