Monitoring and Evaluation Matrix

This matrix show the overall project Outcomes and, for each of these, the Performance Targets which are used to measure and demonstrate that the Outcomes are being achieved.

Individual Activities (or Indicators) which contribute to each Outcome's Performance Targets are shown, along with Timescales and other information.

Where Performance Targets are shown in red this indicates that the target has been achieved or exceeded.

Supporting and background documents are accessed via the hyperlinks shown.

Outcome 1		A more aware, educated, empowered and enabled community, capable of delivering its own responses to climate change									
Performance Targets	**Volume**	**Timescale**	**Information Needs**	**Baseline Needs**	**Planning, Resources and Responsibilities**	**Data Gathering Tools and Techniques**	**Planned Timescale/Frequency**	**Actual Dates**	**Volume**	**Cumul Volume**	**Actual Events**	**Information Use**
Neighbourhood sustainable energy centres created	1	Apr-2018	Definition of energy centre		Minutes of Energy Advisory Group	Documentation review	Year 1					Discussion within Energy Advisory Group
			Number of energy centres	Number of energy centres at start of project		Direct observation		Start of project	0	0	Energy Centres	
				Number of energy centres at end of Year 3		Direct observation		May 2015	2	2	Energy Centres	SNC Energy Centre Tiber Energy Centres
								May 2016	1	3	Energy Centres	Liverpool LECCy to be launched by Liverpool City Council working in partnership with L8LS
Local residents benefitting from community sustainability workshops and awareness raising programmes	8,000	Apr-2015	Number of people attending workshops and events and receiving information	None	Attendance registers Head counts	Direct observation Sampling	Ongoing	to May 2014	6,243	6,243	People attending workshops and events	
								to May 2015	1,905	8,148	People attending workshops and events	
								to May 2016	4,370	12,518	People attending workshops and events	
			Number of people receiving information	None	Mailing lists Direct distribution	Direct observation Sampling	Ongoing	to May 2014	2,423	2,423	People receiving information	
								to May 2015	4,605	7,028	People receiving information	
								to May 2016	8,616	15,644	People receiving information	
Community-led environmental projects and initiatives supported	10	Apr-2014	Number of projects supported	Number of existing initiatives		Direct observation Case Studies	Ongoing	to May 2014	10	10	Community-led food growing project supported	
	25	Apr-2017						to May 2015	12	22	Community-led food growing project supported	
								to May 2016	6	28	Community-led food growing project supported	

Outcome ② A more energy secure neighbourhood in L8 and the capacity to help other neighbourhoods and communities become energy secure

Performance Targets	Volume	Timescale	Information Needs	Baseline Needs	Planning, Resources and Responsibilities	Data Gathering Tools and Techniques	Planned Timescale/Frequency	Actual Dates	Volume	Cumul Volume	Actual Events	Information Use
People assisted out of fuel poverty and with a more energy secure future (% of households)	20%	Apr-2016	Total number of households in project area		GTDT	Published data LCC ward profiles Government statistics	At project start	May 2013	17,040	17,040	Riverside ward: 9,393 Princes Park ward: 7,647	
	30%	Apr-2018	Definition of 'fuel poverty'		GTDT	Data published at Neighbourhood Statistics website and GOV.UK	Annual review					Definition changed in 2013: suitable statistics no longer published by UK Government
			Number of households in fuel poverty	Number at start of project	Government statistics winter fuel payments to households in Riverside constituency	Published data	Annual (September)	2012/13		11,460		Suitable statistics no longer published by UK Government
			People feeling 'energy secure'	Feeling at start of project	LCC	Diaries	Ongoing					
					Proforma	Case Studies	Annual					
			Number of households reducing energy costs through adoption of energy saving tips		GTDT	Estimates based on take-up of energy-saving tips promoted at community events	At each event	to May 2014	2,460	2,460	14% of households	
								to May 2015	523	2,983	18% of households	Project Officer (Energy) post vacant for a period
								to May 2016	5,965	8,948	53% of households	
								to May 2017	1,391	10,339	61% of households	
Renewable energy generation installed (capacity)	~~20Mw~~ 20Mwh	Apr-2016	Capacity	Existing capacity in the area	LCC	Mapping	Year 1	Sep 2014		0Mw	No significant renewable energy capacity in the area	
			Interpretation of '20Mw'		GTDT	Expert opinion	Year 1	May 2015			Proposal to change 20Mw to 20Mwh	
			Technological options	Established technologies	LCC	Documentation review	Year 1	Sep 2013			Study by PlusDane Housing / Archetype	Current state of the market
					Energy Advisory Group	Brainstorming	Year 2					Shortlist of options
						Ranking	Year 2					Select preferred option(s)
			Commercial options including grants and income potential	Known costs	LCC	Documentation review	Year 2	Sep 2013			Study by PlusDane Housing / Archetype	Select preferred technology and business model
					LCC	Commercial review	Year 5	Nov 2016			Launch of Liverpool LECCy	
			Demand reduction through local energy saving initiatives		GTDT	Estimates based on take-up of energy-saving tips promoted at community events	Entire project	to May 2014	1,163	1,163	Mwh energy saved	
								to May 2015	122	1,285	Mwh energy saved	
								to May 2016	1,451	2,736	Mwh energy saved	
								to May 2017	266	3,002	Mwh energy saved	
More energy secure and financially sustainable community anchor and support organisations	10	Apr-2015	Identify community organisations			Brainstorming	Annual	to May 2017	11	11	More energy secure community organisations	
			Energy consumption	Consumption in 2012	LCC	Analysis of utility bills	Annual					
			Annual spend on energy	Spend in 2012	LCC	Analysis of utility bills	Annual					
			Organisations feeling more 'energy secure'	Feeling at start of project	LCC	Diaries	Ongoing					
					Proforma	Case Studies	Annual					

Outcome ③ — A more food secure neighbourhood in L8 and the capacity to help other neighbourhoods and communities become food secure

Performance Targets	Volume	Timescale	Information Needs	Baseline Needs	Planning, Resources and Responsibilities	Data Gathering Tools and Techniques	Planned Timescale/Frequency	Actual Dates	Volume	Cumul Volume	Actual Events	Information Use
Hectares of additional local land given over to food and plant production as a 'patchwork urban farm'	1.2	Apr-2016	Area of food growing space	Details of existing food growing area	Project Officer (Food Systems)	Mapping and GIS	Ongoing	Summer 2013			Mapping begins	
								to May 2014	0.85	0.85		
								to May 2015	0.49	1.34		
								to May 2016	0.82	2.16	Hectares under cultivation	
						Transects	As required	22-Aug-13			Drive round and note	
								14-May-14			Drive round and note	
								03-Jun-15			Drive round and note	
			Commercial crop choices	Crops currently grown	Growing Granby	Visioning	As required	15-Aug-13			Visioning workshop	
Additional local people (volunteers, trainees, paid workers and food entrepreneurs) engaged in local food production cycle	300	Apr-2018	Numbers engaged	None	Data capture form Project Officer (Sustainability Champions)	Survey of partners	Annual	to May 2014	168	168	Year 1 Report	
								to May 2015	180	348	Community Gardens	
								to May 2016	90	438	Community Gardens	
Gross value of local food supplied through retail, procurement, trade and market outlets	£7,500	Apr-2016	Retail price of local produce	Existing local produce	Project Officer (Food Systems)	Sample measurement and extrapolation	Annual 'harvest' (September)	Sept 2013	£0	£0	Too early to measure	
	£50,000	Apr-2018						Sept 2014	£20,000	£20,000	Extrapolation	
								Sept 2015	£13,417	£33,417	Harvest spreadsheet	
								Sept 2016	£18,634	£52,051	Harvest spreadsheet	

Outcome 4			More training, employment and business opportunities building an environmentally resilient community								
Performance Targets	**Volume**	**Timescale**	**Information Needs**	**Baseline Needs**	**Planning, Resources and Responsibilities**	**Data Gathering Tools and Techniques**	**Planned Timescale/Frequency**	**Actual Dates**	**Volume**	**Cumul Volume**	**Actual Events**	**Information Use**
More local green business startups	75	Apr-2017	Definition of 'green business'		All partners	Documentation review	Year 1					
			Identification of business support organisations		All partners	Brainstorming	Year 1					
			Number of startups	None	Business registration details	Survey of support agencies	Annual	May 2013 to Dec 2013	18	18	SENW BEiC project	
								Jan 2014 to Dec 2014	20	38	SENW BEiC project	
								Jan 2015 to Dec 2015	0	38	New project delayed - no activity in 2015	
								Jan 2016 to Dec 2016	13	51	ERDF Enterprise Hub	GTDT is now only enterprise support agency operating in project area
Higher take-up of relevant vocational training amongst L8 people (enrolments)	**800** **1,200**	**Apr-2016** **Apr-2018**	Definition of 'relevant vocational training'		GTDT	Brainstorming	Year 1					
			Identification of learning organisations		GTDT	Brainstorming	Year 1					
			Number of enrolments	Number of qualifying enrolments during 2011-12	GTDT	Survey of learning organisations	Quarterly	Sept 2013 to July 2014	233	233	Enrolments	
								Sept 2014 to July 2015	539	772		
								Sept 2015 to July 2016	525	1,297		
								Sept 2016 to July 2017		1,297		