



ELENA Project Factsheet Greater Manchester Low Carbon Delivery Unit

Location	Greater Manchester, United Kingdom	
Beneficiary	Greater Manchester Combined Authority (GMCA)	
CoM signatory	No	
Sector	Heat networks Street lighting	
Total PDS cost	EUR 2 985 675	
Elena contribution	EUR 2 687 107 (90%)	
Project development services (PDS) financed by ELENA	The project development services will support the development of the Greater Manchester low carbon investment programme and focuses exclusively on the development of district heating projects using combined heat and power plants fuelled by natural gas, biomass or using geothermal sources with district heating network components, and of energy efficient street lighting projects.	
Description of ELENA operation	The Elena funding will be for the creation and development of a Low Carbon Development Unit (LCDU). Its main tasks include supporting the development of two street lighting investment projects and six district heating network investment projects. In addition a Heat Network Procurement Framework will be set up to facilitate the development of abovementioned and other future investment projects. GMCA will contract for the services of external experts / subcontractors with relevant legal, financial/commercial, technical and project management expertise to support the implementation of the project.	
Timeframe	2015-2018	
Basis for investment identification	The investment programme has been prepared on the basis of information provided by the GMCA.	
Investment programme description	<ul style="list-style-type: none"> • Measures to improve energy efficiency and the production of renewable heat in six heat networks, including the production of high-efficient combined heat and power. • Energy efficient street lighting systems in Manchester and Trafford 	
Investment to be mobilised	130 MGBP	
Expected results	Energy-efficiency in heat networks	104 GWh (saved) /year
	Renewable energy production in heat networks	85 GWh/year
	Energy-efficient street lighting	25 GWh (saved) /year
Leverage factor (Minimum 20)	58	
Market replication potential	The market replication potential both within Greater Manchester and for other UK regions and larger municipalities is considered high.	
Project status	Contract signed 07.05.2015	
Contact person at Beneficiary	Dr Julian Packer Low Carbon Director j.packer@manchester.gov.uk	