

Draft Nature and Climate Emergency Strategy Theme: Energy

The combined impact of the UK Energy system is responsible for over 80% of UK greenhouse gas emissions.

Reducing demand through energy efficiency remains a priority and there is also more scope for renewable energy generation throughout our district. This includes the support and growth of [Community Energy](#), which allows residents, organisations and communities to get more involved in their energy future by understanding, generating, using, owning, and saving energy.

FoDDC has been working alongside Gloucestershire Councils and key stakeholders to develop a [Local Area Energy Plan](#) which assesses the Gloucestershire energy system and maps out an effective path for decarbonisation by identifying infrastructure needs, a pipeline of projects for investment and coordinated action.

Significant progress has been made throughout the district to progress action on energy, including the establishment of [Forest Community Energy](#), the districts' first community energy organisation, [community solar projects](#) delivered in partnership as part of the [Forest of Dean Aurora Project](#); FoDDC [grant funding](#) to help community organisations and businesses install renewable energy and heating systems.

Actions within this theme will target a reduction in energy demand, an acceleration in the deployment of renewable energy and low carbon heating and support the community energy sector as part of this transition.

Aim/Actions	Priority
Aim EN01: A reduction in energy consumption, decarbonisation of heat and power throughout the district including the FoDDC Estate.	
EN01-01: FoDDC to support a feasibility study and pilot of a low carbon rural renewable heat network and assess the district wide potential application.	1
EN01-02: FoDDC supports a review of and where possible reduction in street/night lighting energy consumption .	4
Aim EN02: Improved community engagement to enable residents, communities and businesses to reduce energy demand and participate in a local renewable energy transition.	
EN02-01: FoDDC works with local communities to identify local energy needs and potential suitable renewable energy generation sites.	1

EN02-02: FoDDC to explore the provision of low-cost finance for homeowners and businesses to invest in renewable energy and heat.	1
EN02-03: FoDDC to identify and map large energy users in the district and support provision of decarbonisation and renewable generation advice.	4
EN02-04: FoDDC to explore the potential for smart local energy systems , to support grid flexibility, and energy trading which can benefit local communities.	5
EN03: Accelerate the delivery of renewable energy generation across the district and enable an evidence-led planning framework to support this.	
EN03-01: FoDDC meets regularly with key energy infrastructure stake holders (e.g. National Grid) to ensure energy infrastructure planning and delivery meets the needs of the district.	1
EN03-02: FoDDC supports development of a pipeline of investible renewable energy projects in the district and seek funding and support from GB Energy and other investors.	2
EN03-03: FoDDC supports production of a districtwide assessment of rooftop solar potential and landscape scale renewable energy opportunities.	4
Aim EN04: Strengthen the capacity and reach of Community Energy (CE) organisations and enable new community-led renewable energy projects.	
EN04-01: FoDDC supports establishment of a framework for partnership working with Community Energy groups to support growth in capacity, skills and project delivery.	1
EN04-02: FoDDC assesses all council assets for renewable energy opportunities and identify potential for Community Energy led projects.	1
EN04-03: FoDDC ensures that the Local Plan 2025-2045 supports the development of renewable energy including community owned energy and suitable sites for renewable energy development of renewable heat and energy schemes.	1
EN04-04: FoDDC provides Community Energy groups with access to relevant data , mapping tools and renewable energy studies to enable assessment and delivery of community led projects.	4
Aim EN05: District Wide energy monitoring, data analysis and reporting demonstrates a reduction in energy demand and growth in renewable energy generation.	
EN05-01: FoDDC trains Council officers and partners in the use of digital modelling and mapping tools for energy planning.	4
EN05-02: FoDDC promotes the adoption of demand response, time of use / smart tariffs .	4
EN05-03: FoDDC supports Town & Parish Councils with energy management and identify opportunities for joint working e.g. energy procurement, monitoring and reporting.	5