



Llywodraeth Cymru
Welsh Government

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Welsh European Funding Office

Guidance on Indicator Definitions, Data and Evidence Requirements

ERDF: Priority Axis 3: Renewable Energy and Energy Efficiency

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**Cronfeydd yr UE:
Buddsoddi yng
Nghymru**
**EU Funds:
Investing in Wales**



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Glossary

Enterprise	Organisation producing products or services to satisfy market needs in order to reach profit. The legal form of enterprise may be various (self-employed persons, partnerships, etc.) ¹
Advisory Services Support	Consultancy, assistance and training in the fields of knowledge transfer, acquisition, protection and exploitation of intangible assets, use of standards and regulations embedding them. ²
Micro-generation	The use for the generation of electricity the capacity of which does not exceed 50KW ³
Scheme	Systematic plan, organisation or arrangement for achieving specified objectives
Site	A specific identifiable area or physical place/space relevant to the project.
Support Services	The provision of office space, data banks, libraries, market research, laboratories, quality labelling, testing and certification for the purpose of developing more effective products, processes or services. ²
SME	<p>As defined recommendation 2003/362/EC. A category of micro, small and medium-sized enterprise employing fewer than 250 persons and which has an annual turnover not exceeding EUR 50 million, and/or an annual balance sheet total not exceeding EUR 43 million.</p> <p>SMEs can be autonomous, partner or linked enterprises. Guidance on the definition of these categories and on calculating headcount and turnover can be found at: http://ec.europa.eu/growth/smes/business-friendly-environment/sme-definition/index_en.htm</p>

¹ EC Concepts and Recommendations ERDF March 2014

² C(2014) 3282 Framework for state aid for research and development and innovation

³ S 82 Energy Act 2004

Social Enterprise	An enterprise with primarily social objectives whose surpluses are principally reinvested for that purpose in the enterprise or in the community, rather than being driven by the need to maximise profit for shareholders and owners.
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Thematic Objectives and Investment Priorities

Thematic Objectives	4. Supporting the Shift to a low-carbon economy in all sectors	
Investment Priority 4a)	Promoting the production and distribution of energy derived from renewable sources	SO 3.1 SO 3.2 (WWV)
Investment Priority 4c)	Supporting energy efficiency, smart energy management and renewable energy use in public infrastructures, including public buildings and the housing sector	SO 3.3 (WWV) SO3.2 (EW)

Result Indicators and Specific Objectives

The result indicator is intended to represent the change anticipated as a direct consequence of the intervention(s) linked to each specific objective. The rationale for the selection of the result indicators and programme targets are set out in the respective Operational Programmes.

Operations, in accordance with their operation logic tables, should focus on their contribution to the result indicator associated with the specific objective.

The selection of output indicators, as defined in this guidance, should be derived from the intervention logic for each operation and be aligned with the respective result indicators, specific objectives and investment priorities.

Evidence will need to be provided to demonstrate the links between the aims and objectives, activities and indicators. The evidence that will be provided will be set out and agreed in the Business Plan.

Monitoring Data:

Data will need to be provided to support claims.

Beneficiaries should collect **additional** monitoring data to enable evaluation of the effectiveness and impact of the Operation.

The data should be uploaded via WEFO online as a part of the claims process. A template for provision of data is available on the WEFO website.

The Operational Programmes are available at: <http://wefo.wales.gov.uk>

These set the overall aims of the programmes within which operations will take place, and in many cases will provide examples of the types of activities envisaged under each SO.

Useful Contacts for queries and advice:

RME.MAILBOX@gov.wales Queries relating to Research Monitoring and Evaluation

WEFOCrossCuttingThemes@gov.wales Queries relating to Cross Cutting Themes

WEFOverifications@gov.wales Queries relating to audit and evidence

If a query relates directly to an approved operation then the first point of contact should be the project development officer.

Specific Objective 3.1 (WWV)

To increase the number of wave and tidal energy devices being tested in Welsh waters and off the Welsh Coast, including multi-device array deployments, thereby establishing Wales as a centre for marine energy production.		
		Targets WWV (2023)
Result Indicator	Installed capacity in wave and tidal (MW)	Additional 20 ⁴
Output Indicators	Energy support site preparation schemes	8
	Number of renewable energy prototypes tested	6

⁴ Digest of UK statistics table 6.4

Specific Objective 3.2 (WWV)

To increase the number of small scale renewable energy schemes established		
		Targets WWV (2023)
Result Indicator	Number of sites ⁵ generating electricity from renewable sources (excluding PV)	+ 37 ⁶
Output indicators	Number of pilot projects completed	4
	Community Energy Schemes	3

⁵ The OP excludes micro-generation. Sites must be generating electricity.

⁶ DUKES (DECC) Report on Renewable electricity in Scotland, Wales, NI and regions of England. Measured as increase above baseline figure in OP

Specific Objective 3.3 (WWV) 3.2 (EW)

To increase the energy efficiency of the existing Welsh housing stock, particularly in areas of fuel poverty			
		Targets WWV	Targets EW
Result indicator	Energy Efficiency rating of households facing severe fuel poverty	+ 10% ⁷ baseline	+ 10% ⁸ baseline
Output indicators	Number of households with improved energy consumption classification	2,069	765
	Estimated decrease of GHG	5,000	1,000

⁷ Increase energy performance by 1 EPC rating

Indicator Definitions

Number of pilot projects completed

A project planned as trial designed to test a given approach for a limited group of beneficiaries over a limited period; intended to attract future activity in the field/discipline or sector. ⁸

A pilot project can be deemed to be completed when a technical assessment has been completed.

Unit:

Pilots completed

Suggested Evidence:

The data should be provided upon completion of the project.

Baseline evidence – proof of concept.

Cooperation agreement

Evidence of procurement process, technical specification

Evidence that pilot and technical assessment. have been completed

Evaluation

⁸ (DCLG ERDF 2007-13 Output Definitions)

Community energy schemes

Community based collective action to reduce, purchase, manage and generate energy.

Activities envisaged under this definition include: capacity development for local groups; advice and guidance on setting up small scale renewable energy generation schemes; support for collaborative working with developers on community supported schemes; investments tailored to address barriers to accessing finance for small and community schemes supporting a low carbon transition and development and implementation of low Carbon strategies supporting the demonstration of benefits for a specific geographical area.

Unit:

Number of schemes

Suggested Evidence:

Business Plan, terms of reference or articles of association demonstrating the activities undertaken.

Evaluation to demonstrate how activities link the objectives to the aims and the impact of the funded operation.

Energy support site preparation schemes

Schemes for the installation and commissioning / deployment of pre-commercial wave, tidal and renewable electricity generating devices. The emphasis is in preparation of the ground for significant long term private investment in the sector.

Infrastructure investments and preparatory work to remove barriers, reduce risks and maximise investor confidence. These investments should be aimed at encouraging deployment of pre commercial marine devices for testing and demonstration.

For example: site preparation, shore-based facilities, connections, access, surveys.

Unit:

Number of Schemes

Number of renewable energy prototypes tested

This indicator is intended to measure activities to support the deployment of marine energy technology (tidal, wave and wind).

The types of action supported under this indicator are set out in the Operational Programme.

Business Plans should outline the testing activity.

Unit:

Number

Suggested Evidence:

This output should be recorded upon completion of testing.

Baseline: proof of concept.

Environmental impact study; documents evidencing the procurement process

Evidence of contract for works and authorised certificated payments.

Documentary evidence of completion of testing

Number of households with improved energy consumption classification

Number of households with an improved energy classification as a direct result of ERDF funding⁹.

Non - ERDF funded works must be excluded.

The increase in energy performance should be by one rating.

Unit:

Number

Suggested Evidence:

Baseline evidence of energy classification (Energy Performance Certificate)

Evidence of works carried out; tender documents, contract award.

Evidence of completion of works

Evidence of revised energy classification (Energy Performance Certificate).

⁹ Directive 2010/31/EU

Estimated decrease in GHG

This indicator is applicable to interventions directly aiming to increase renewable energy production and is mandatory where 'number of households with improved energy consumption' is used.

The indicator will show the total estimate of annual decrease by the end of the period, not the total decrease throughout the period.

In case of renewable energy production, the estimate is based on the amount of primary energy produced by supported facilities in a given year (either one year following project completion or the calendar year after project completion). Renewable energy is supposed to be GHG neutral and replacing non-renewable energy production. GHG impact of non-renewable energy is estimated through the Member State MS total GHG emission per unit of non-renewable energy production.

In the case of energy saving measures, the estimate is based on the amount of primary energy saved in a given year by supported operations (either one year following project completion or the calendar year after project completion). Saved energy is supposed to be replacing non-renewable energy production. GHG impact of non-renewable energy is estimated through the MS total GHG emission per unit of non-renewable energy production.

Calculations for energy savings measures are based on the energy performance certificate (EPC) of buildings (see Art.12.1.b of Directive 2010/31/EU). Value will be calculated from the energy certificates issued before and after the measures are installed.

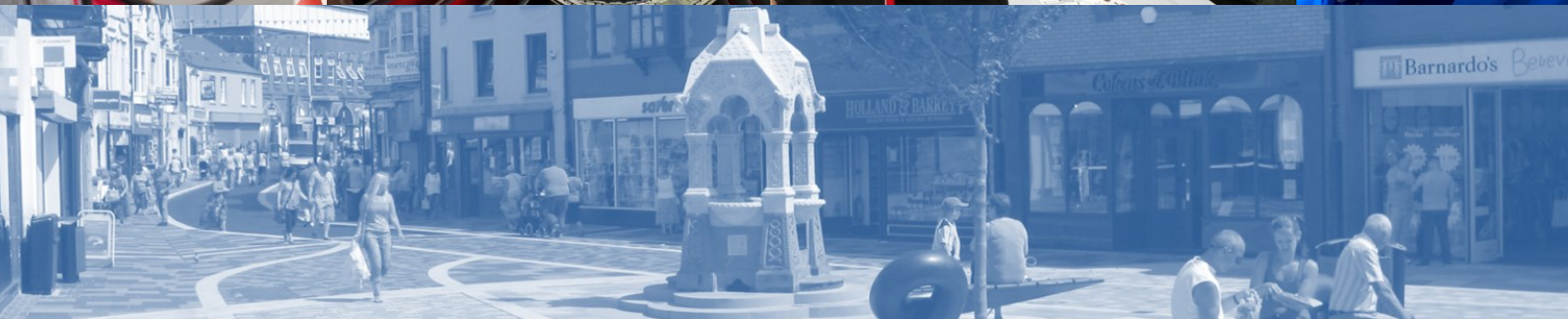
Unit:

Tons CO2 equivalent

Suggested Evidence:

Tonnes of carbon saved should be measured using Department for Environment, Food and Rural Affairs (DEFRA) and Department of Energy and Climate Change (DECC) GHG Conversion Factors for Company Reporting

Version3.0	
Result Indicators & Specific Objectives	
P5	Specific Objective 3.1 (WWV) – targets amended for Energy support site preparation schemes; and Number of renewable energy prototypes tested
P6	Specific Objective 3.1 (EW) – indicators and targets deleted
P7	Specific Objective 3.3 (WWV) 3.2 (EW) – targets amended for Number of households with improved energy consumption classification; and Estimated decrease of GHG



For more information:

www.gov.wales/eu-funding

@wefowales / @wefocymru

Enquiries Helpdesk 0845 010 3355

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