

# Cyfarfod y Cabinet

17 Mehefin 2024

## Pwnc:

Cynllun Ynni Ardal Leol Sir Gaerfyrddin

## Y Pwrpas:

Rhoi gwybodaeth am y fersiwn derfynol o Gynllun Ynni Ardal Leol Sir Gaerfyrddin

## Yr argymhellion / penderfyniadau allweddol sydd eu hangen:

Nodi a chymeradwyo Cynllun Ynni Ardal Leol Sir Gaerfyrddin i'w gyhoeddi.

## Y rhesymau:

Mae Deddf yr Amgylchedd (Cymru) 2016 yn ei gwneud yn ofynnol i Lywodraeth Cymru leihau allyriadau nwyon tŷ gwyrdd yng Nghymru i sero net erbyn 2050. Mae'r gwaith o lunio Cynlluniau Ynni Ardal Leol ar gyfer awdurdodau lleol yng Nghymru yn cael ei ariannu gan Lywodraeth Cymru ac mae'n ofynnol bod pob Cynllun yn cael ei gymeradwyo gan Gabinet pob awdurdod lleol perthnasol.

Angen i'r Cabinet wneud penderfyniad

OES

Angen i'r Cyngor wneud penderfyniad

NAC OES

## YR AELOD CABINET SY'N GYFRIFOL AM Y PORTFFOLIO:

Y Cyngorydd Aled Vaughan Owen, Aelod Cabinet dros Newid Hinsawdd, Datgarboneiddio a Chynaliadwyedd

Y Gyfarwyddiaeth:

Lle a Seilwaith

Enw Pennaeth y Gwasanaeth:

Rhodri Griffiths, Pennaeth  
Lle a Chynaliadwyedd

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Awdur yr Adroddiad:

Kendal Davies, Rheolwr  
Datblygu Cynaliadwy

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# EXECUTIVE SUMMARY CABINET

17<sup>th</sup> June 2024

## SUBJECT

### CARMARTHENSHIRE LOCAL AREA ENERGY PLAN

#### Background

1. Welsh Government have funded the development of local area energy plans (LAEPs) to ensure every local authority in Wales has a LAEP by mid-2024. This follows several local authorities being pilot locations, plus Pembrokeshire which produced a LAEP in 2022 as a condition of funding for their Milford Haven: Energy Kingdom project.
2. The South-West Wales Region's LAEPs are being delivered by City Science for Swansea, Neath Port Talbot, and Carmarthenshire.
3. Local Area Energy Planning is a detailed, comprehensive process designed to identify the most effective pathway(s) to decarbonising the local energy system by 2050. The process is led by Local Government and developed collaboratively with defined stakeholders. Although produced separately and tailored to the local landscape, the three LAEPs will be aligned regionally to help ensure consistency.
4. Welsh Government have also funded, for 24 months ending 31/01/2026, the appointment of a Regional Energy Team, consisting of an Energy Project Manager, and two Energy Project Officers. Whilst these posts are employed by the Council, as the lead for the SW Wales Region, they are a regional resource for the four local authorities.
5. A copy of the Carmarthenshire LAEP is attached.

#### Recommendation

6. To note and approve the Carmarthenshire Local Area Energy Plan for publication.

DETAILED REPORT ATTACHED?

YES

# IMPLICATIONS

I confirm that other than those implications which have been agreed with the appropriate Directors / Heads of Service and are referred to in detail below, there are no other implications associated with this report:

Signed: **Rhodri Griffiths** Head of Place and Sustainability

Policy, Crime & Disorder and Equalities	Legal	Finance	ICT	Risk Management Issues	Staffing Implications	Physical Assets	Bio-diversity & Climate Change
<b>YES</b>	<b>YES</b>	<b>YES</b>	<b>YES</b>	<b>YES</b>	<b>YES</b>	<b>YES</b>	<b>YES</b>

## 1. Policy, Crime & Disorder and Equalities

The Environment (Wales) Act 2016 requires the Welsh Government to reduce emissions of greenhouse gases in Wales to net zero by 2050, with a system of interim emissions targets and 'carbon budgets'. The Carmarthenshire LAEP contributes towards this requirement. It also advances the Council's declaration of a Climate Emergency (March 2019) by identifying the most effective pathway(s) to decarbonising the County's energy system by 2050.

## 2. Finance

There will be significant costs associated with achieving the decarbonisation of the County's energy system by 2050. These costs will be borne by various organisations, including National Grid (electricity network) and Wales and West Utilities (gas network). No financial commitments are made by the Council as potential projects to be evaluated on an individual basis.

Total cumulative costs for each of the three identified pathways: 'Do Nothing' £24.2 billion | 'Widespread Engagement' £29.3 billion | 'Widespread Hydrogen' £31.6 billion.

### **3. ICT**

ICT will have a significant role to play in helping to achieve the decarbonisation of the County's energy system by 2050. Some of these potential actions are included in the Carmarthenshire LAEP.

### **4. Risk Management Issues**

The Carmarthenshire LAEP is an ambitious document that requires action by various organisations, plus the public, to decarbonise the County's energy system by 2050. This has many inherent risks not least securing the funding necessary to deliver the identified Actions.

### **5. Physical Assets**

Significant reduction in carbon emissions from the Council's physical assets will be required to help achieve the decarbonisation of the County's energy system by 2050. Some potential actions are included in the Carmarthenshire LAEP. These complement the actions included in the Council's Net Zero Carbon plan and Asset Management plan for non-domestic buildings, and in Housing plans for the Council managed housing stock.

### **6. Staffing Implications**

Welsh Government have funded, for 24 months, the appointment of a Regional Energy Team consisting of an Energy Project Manager and two Energy Project Officer posts. Whilst these posts are employed by the Council, they are a regional resource for the four local authorities.

### **7. Biodiversity and Climate Change**

The Environment (Wales) Act 2016 requires the Welsh Government to reduce emissions of greenhouse gases in Wales to net zero by 2050, with a system of interim emissions targets and 'carbon budgets'. The Carmarthenshire LAEP contributes towards this requirement. It also advances the Council's declaration of a Climate Emergency (March 2019) by identifying the most effective pathway(s) to decarbonising the County's energy system by 2050.

# CONSULTATIONS

I confirm that the appropriate consultations have taken in place and the outcomes are as detailed below:

Signed: **Rhodri Griffiths** **Head of Place and Sustainability**

**(Please specify the outcomes of consultations undertaken where they arise against the following headings)**

<b>1. Scrutiny Committee request for pre-determination</b>	N/A
<b>If yes include the following information: -</b>	
<b>Scrutiny Committee</b>	
<b>Date the report was considered:-</b>	
<b>Scrutiny Committee Outcome/Recommendations:-</b>	

**2. Local Member(s)**

N/A

**3. Community / Town Council**

N/A

**4. Relevant Partners**

Various partners have been consulted; these are identified in the Carmarthenshire LAEP and Technical Annex.

**5. Staff Side Representatives and other Organisations**

Various partners have been consulted; these are identified in the Carmarthenshire LAEP and Technical Annex.

<b>CABINET MEMBER PORTFOLIO HOLDER(S) AWARE/CONSULTED</b>	YES - Consulted on the draft Carmarthenshire Local Area Energy Plan.
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**Section 100D Local Government Act, 1972 – Access to Information  
List of Background Papers used in the preparation of this report:**

Title of Document	File Ref No.	Locations that the papers are available for public inspection
Carmarthenshire LAEP – Technical Annex	LAEP – Technical Annex	Sustainable Development Team, 3 Spilman Street, Carmarthen

