

# GLYNDWRS WAY

## ASSET AUDIT



a study for Dyfi Biosphere by Dragonfly Solutions and Digital Landscapes - 2015

## Contents

Summary	3
Background and overview	4
Methodology	5
The Glyndwrs Way	6
Transport around the trail	9
Maps and Guidebooks	11
Glyndwr's Way website	12
Assets Study	13
definitions	13
Cycle routes around the trail	14
Heritage	15
Accommodation	18
Services	24
The Leisure Resource	27
Limitations and Opportunities	32
appendix 1 – website information	36
appendix 2 – typical itinerary	37
appendix 3 – route descriptions	38
appendix 4 – guidebooks	41
appendix 5 – web resources	42
appendix 6 – source data	43

## maps

Study area	5
Glyndwrs Way	6
Powys Transport Map	9
Cycle routes	14
Listed buildings	16
Scheduled Monuments	17
Hotels and Inns	19
B&Bs	20
Campsites	21
Hostels and bunkhouses	22
Places to eat and drink	25
Shops, Leisure Centres, Libraries	26
Long Distance Path network	28
Local Walks	29
Public Rights of Way Network	30
Walkers are Welcome	31



## **Summary**

Research was carried out to identify the variety of assets in the environs of the Glyndwr's Way National trail in Mid Wales, using a defined study area. These included accommodation providers, shops, pubs, cafes, public paths etc. Information was gleaned from a variety of sources and then mapped in a Geographic Information System (GIS) to illustrate and analyse the density and distribution of assets.

The project identified a wealth of heritage and leisure resources such as listed buildings, cycle and footpaths as well published walks, all around the trail. Accommodation was found to be more sparsely distributed and centred around the main settlements along the trail, meaning visitors having to utilise a range of accommodation types and qualities. Service provision such as shops and places to eat were even more sparsely distributed and overwhelmingly found in the main settlements. Some sections of the trail were found to have little accommodation and/or service provision.

The study encountered several difficulties in accessing information and technical difficulties meant that newly identified information could not be uploaded onto the Glyndwr's Way website as was originally planned.

However, numerous opportunities were identified for further research and work to help develop the Glyndwr's Way product in the future.

## **Background**

Ecodyfi, on behalf of the Dyfi Biosphere Partnership, is working with the Mid and North Powys Destination Network to help local businesses engage more fully with the walking tourism product in Mid Wales, and to expand that sector.

This is one of three related pieces of work that are being carried out simultaneously to develop the potential of the Glyndŵr's Way National Trail. In addition to this Asset Audit, Ecodyfi is managing a short-term PR contract that focuses on generating articles in the walking press about Glyndŵr's Way and Wendy Abel is organising events for the trade about walking tourism.

All three pieces of work are funded by the Regional Tourism Engagement Fund of Visit Wales. Powys County Council is helping to steer the work and there is liaison with Ceredigion and Gwynedd Councils, as well as with Cambrian Mountains Tourism and Natural Resources Wales.

The Mid and North Powys Destination Network brings together more local clusters of tourism businesses, one of which is the Dyfi Biosphere Tourism Association. However, the Dyfi Biosphere includes northern Ceredigion and southern Gwynedd as well as western Powys, is recognised by Visit Wales as a "sub-destination" in its own right, and has its own Tourism Plan.

Glyndŵr's Way has received relatively little attention compared to the other National Trails in Wales, yet has great potential to add to the Wales walking product. It appeals to experienced and adventurous walkers looking for new places. Its unique selling point is the beautifully quiet, remote, working countryside and its currently low numbers of users.

Although there are many features of natural and cultural interest along the Trail, and interesting settlements within reach, there are gaps in provision of easily-accessible accommodation and service facilities along some sections, leading to difficulties for long-distance walkers.

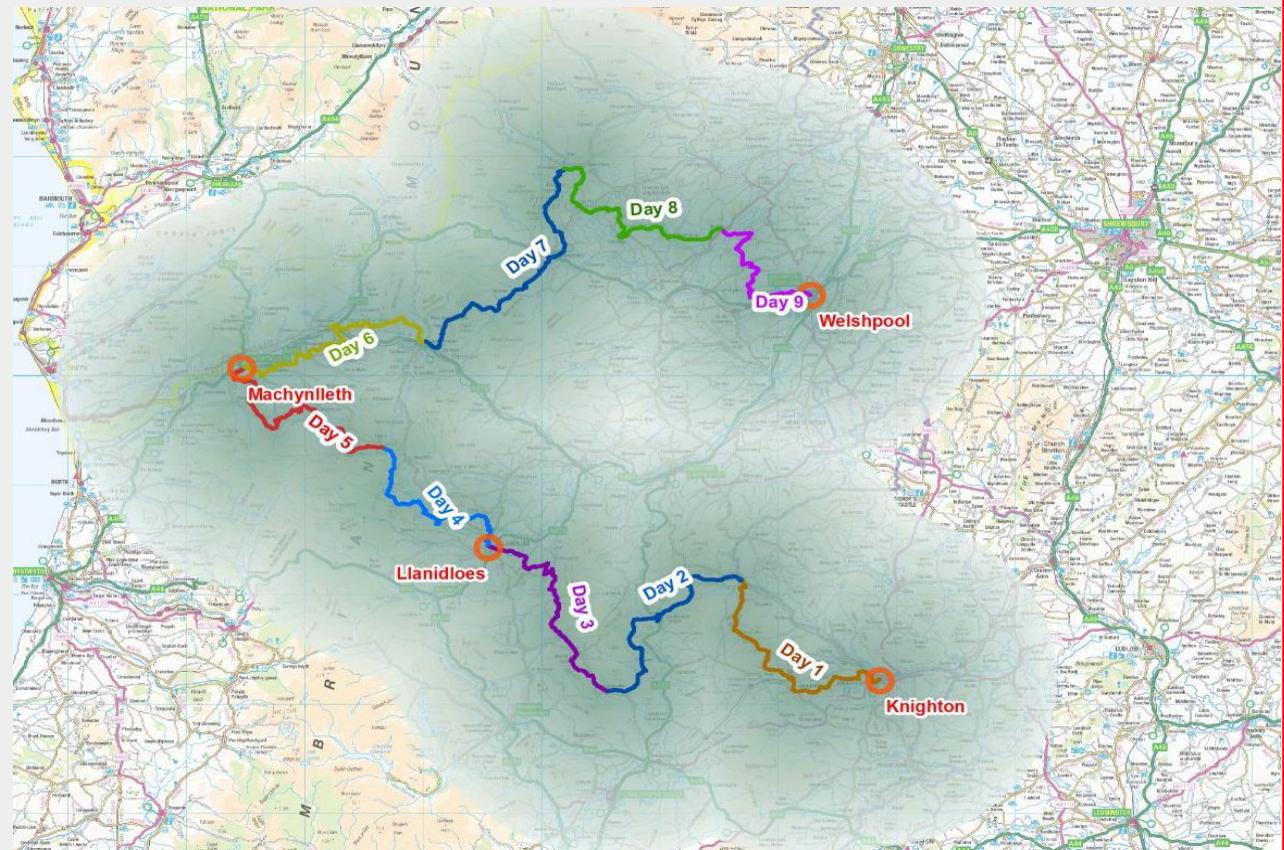
This was compounded in the past by resistance to Visit Wales accreditation from some accommodation providers, leading to incomplete and fragmented promotion. The recently established [National Trails website](#) helps to overcome this and represents a significant opportunity to promote not only the Trail but all of the economic and other assets within reach.

## **Project Overview**

The main aim of this project is to help develop the potential of the Glyndŵr's Way National Trail, by identifying and raising awareness of the diverse assets available to users and businesses. It is not an audit of the physical state of Glyndŵr's Way itself, but of the accommodation, service and other assets that surround it.

## Project Methodology

- A **desk-top audit** was undertaken of relevant natural, cultural and economic assets in collaboration with trade partners. See Appendix 4
- For the purposes of this study a **15km corridor was defined** either side of the trail and used to identify assets and services around the trail. The 15km figure was arrived at through an initial assets 'test' mapping exercise and as a figure which was considered the likely maximum 'willingness to travel' distance users would consider when looking for accommodation or services using their own or public transport or taxi's.
- Data from the audit was combined with data obtained from various sources (such as Cadw, National Trails Website etc) and a **spreadsheet and GIS digital map model** was built.
- Assets were then mapped together with a variety of other data to illustrate distribution and levels of provision around the trail
- This **report** was then produced on the back of that modelling.



## The Glyndŵr's Way

The Glyndŵr's Way is a relatively new National Trail (2002) although like many others, was in unofficial existence for some time before designation. It is 135 miles (217 Km) long and is unusual in being a near circular route (It is possible to extend the trail by using the Offa's Dyke path to complete the circle and return to the nominal start-point at Knighton). Traditionally, the Trail starts at the Town Clock in Knighton, works its way across country to Machynlleth, Glyndŵr's ancient Capital of Wales and ends at the canal in Welshpool. It is a frequently stunning, very attractive walk with wide vistas and open panoramas. It journeys through sparsely populated areas and currently has lower numbers of walkers than many of the busier other National Trails, making it an attractive alternative. It is however a strenuous walk, usually taking in several hills on each of the typically 9 days the route takes to complete. The southern section around Knighton is especially remote. Distances of around 25km per day are walked with some days longer or shorter than others reflecting the remoteness of the trail and distances between settlements.

Day 1	Knighton *	Felindre	16m	25.6km
Day 2	Felindre	Abbeycwmhir	16m	25.6km
Day 3	Abbeycwmhir	Llanidloes	15m	24km
Day 4	Llanidloes	Dylife	18m	28.8km
Day 5	Dylife	Machynlleth *	15m	24km
Day 6	Machynlleth *	Llanbrynmair	16m	25.6km
Day 7	Llanbrynmair	Llanwddyn	17m	27.2km
Day 8	Llanwddyn	Pontrobertor Meifod	12 or 15m	19.2 or 24km
Day 9	Pontrobert or Meifod	Welshpool *	14 or 11m	22.4 or 17.6km

The trail meanders its way through the open moorland, rolling farmland, woodland and forests of Mid-Wales and takes in some of the finest landscapes the area has to offer including the tranquil Radnorshire Hills, the shores of the Clywedog Reservoir and heather clad Plynlimon. There are spectacular views over Cadair Idris, Lake Vyrnwy, the Cambrian Mountains and Y Golfa. The route reaches its highest point at Foel Fadian (1530ft/510m, Day 5) from which on a clear day views stretch out along the majestic Dyfi valley to Machynlleth and the sea. One of the major attractions of the trail is the joy of walking through a working land.

The Welsh Assembly Government and Powys County Council have statutory responsibility for the Glyndŵr's Way and day to day management is carried out by the Glyndŵr's Way Trail Officer, Helen Tatchell **t** 01597 827562 **e** [helen.tatchell@powys.gov.uk](mailto:helen.tatchell@powys.gov.uk)

# THE GLYNDWR'S WAY

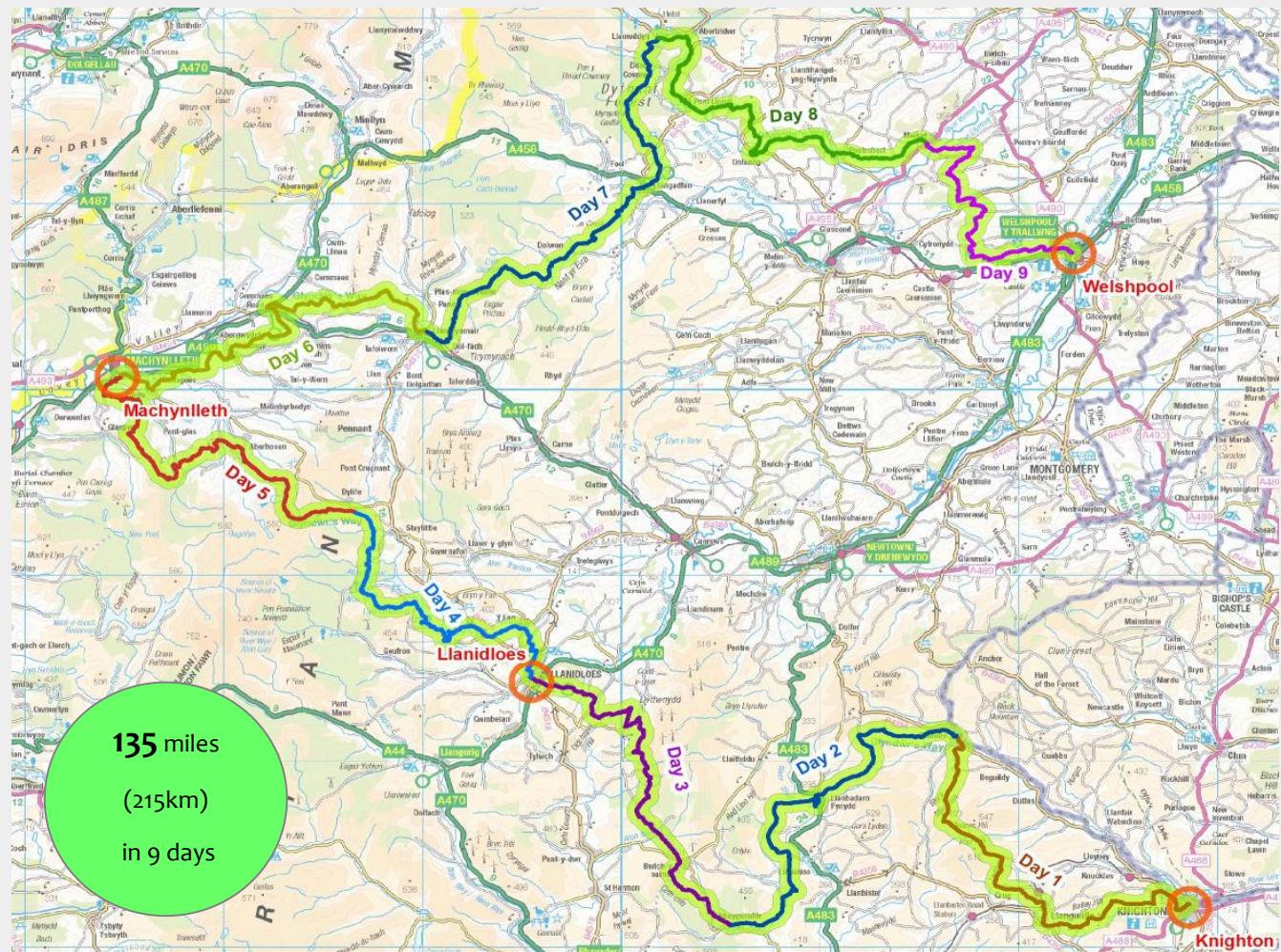
This map is intended as a reference point to all the maps to follow in the report.

It shows the trail divided into the common 9 day walking schedule adopted by most guidebooks.

Major settlements are shown with an **Orange Circle** and these will feature on most maps in this report.

## Settlements along the route (major settlements)

- START D1 **Knighton**
- Llandunllo
- Start D2 Felindre
- Llanbadarn Fynydd
- Start D3 **Llanidloes**
- Start D4 Dylife
- Start D5 **Machynlleth**
- Start D6 Llanbrynmair
- Llangadfan
- Pontrobert
- Start D7 Llanwddyn
- Start D8 Meifod
- FINISH **Welshpool**



The trail is under continual development - for instance, there are currently 9 Permanent Changes of Route notifications. It can be walked throughout the year but care and planning are essential in the winter months as the trail takes in some remote and wild country and winters can be bitter on the top sections with deep snow and steep ground. At present no sections of the Trail are suitable for mobility scooters or wheelchair users, something that is being considered, but significant stretches are legally passable on bicycles.

The National Trails Website is the main focus of information provision about the trail although accommodation and places of interest feature on several other interest-based and tourism websites. A parallel PR contract is helping to stimulate interest amongst the travel writing community and a twitter account went live in March 2015. The Glyndwr's Way is funded by [NRW](#) and [Powys County Council](#). Work to improve the Trail is managed by the [Trail Officer](#), and delivered by local contractors and landowners.

## Transport around the trail

For those attempting the entire route in one go, the trail has good transport links. Both ends of the Trail and Machynlleth can be reached by train, regular bus services and a variety of taxi services. [National Express service 409](#) connects Welshpool with Shrewsbury, Birmingham and London on a daily basis.

**The Heart of Wales Line:** Frequent services between London, Birmingham, Shrewsbury to Llangynllo and Knighton.

**Cambrian Coast line :** Birmingham, Shrewsbury to Aberystwyth or Pwllheli for Welshpool and Machynlleth.

Those wishing to walk the trail in sections or seeking transportation once on the trail, will find transport options problematic and often extremely difficult in remote areas. Local taxi firms are often thought of as Public Transport in these areas.

A useful resource to help plan journeys along the trail is the [Powys Transport Map](#) opposite.

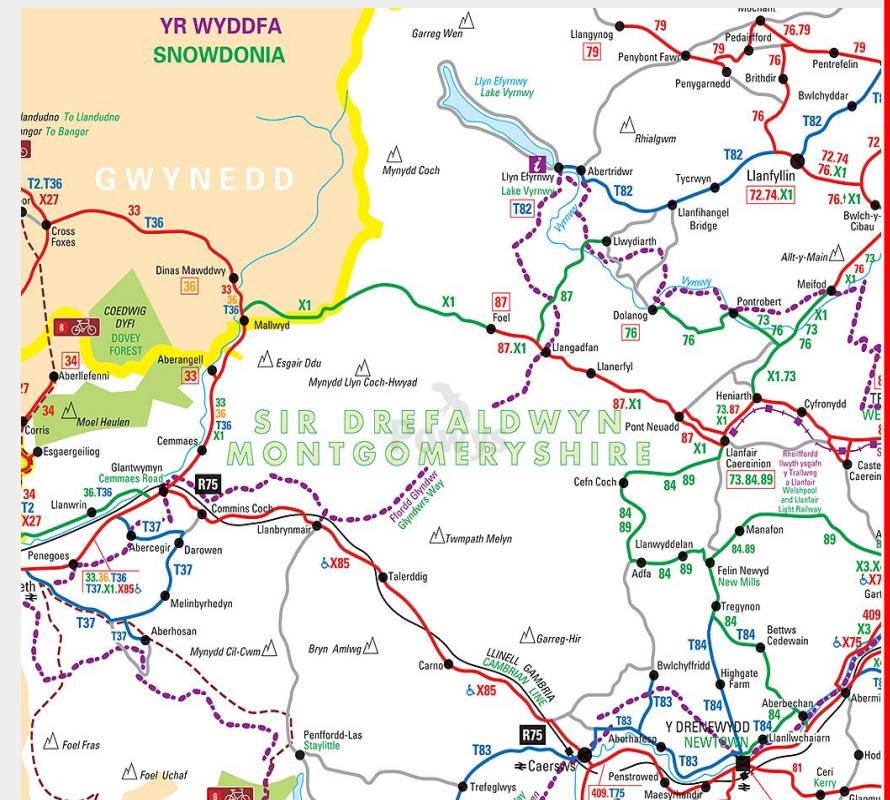
More Information on bus, coach and trains in Powys, can be obtained from :  
the Public Transport Section of Powys CC: 01597 826509

[Travel Line Cymru](#) on 0870 608 2608

and [Arrive Trains Wales](#)

There are some companies offering a complete holiday experience on the Glyndwr's Way who will take care of all transport and baggage issues aside from getting to the area, however very few of these businesses are based in Wales.

Some accommodation providers and taxi firms around the route provide a pick-up / drop-off service for guests using the trail and there are also some offering baggage handling. However only a few have indicated that they provide such a service when in reality we know of several others through reports from Walkers.



## Summary of public transport services :



### **Knighton**

Heart of Wales rail line, station with 2hrly services to/from Cardiff and Shrewsbury, some hourly services from May  
Various bus services: 41, 740, 783, X11, T585



### **Llandunllo**

Heart of Wales rail line, station  
No direct bus services, T58 nearby, taxi provision from Knighton

- **Felindre**

Bus services: 41 and T41, taxi provision from Knighton

- **Llanbadarn Fynydd**

Bus service T1, difficult taxi provision

- **Llanidloes**

Bus services: X4, X16, X75, X47, T83, 409, 525, 41 and T41, taxi provision

- **Dylife** - No bus or rail services, taxi's possible from Llanidloes or Machynlleth



### **Machynlleth**

Cambrian Coast rail line, station with 2hrly services to/from Aberystwyth/Pwllheli and Shrewsbury, some hourly services  
Bus services: 34, T2, X27,,T36, X29, X28, X1, T2, T37, taxi provision

- **Llanbrynmair**

Bus service X85, taxi provision from Machynlleth

- **Llangadfan**

Bus services: X1, 87, difficult taxi provision

- **Llanwddyn**

Bus service T82, difficult taxi provision

- **Pontrobert**

Bus services: 73, 76, difficult taxi provision

- **Meifod**

Bus services: 73, 76, X1, difficult taxi provision



### **Welshpool**

Cambrian Coast rail line, station with 2hrly services to/from Aberystwyth/Pwllheli and Shrewsbury, some hourly services

Bus services: 71, 76, 81, 87, 88, 89, X71, X3, X4, X75, 409, large taxi provision

## Map and Guidebook Coverage

There are some excellent maps and guides to the Glyndwr's Way. Those wishing to make use of the Ordnance Survey maps will find themselves having to carry quite a number to cover the whole route or alternatively, custom mapping can be ordered albeit at a premium cost. Many of the OS editions have not been resurveyed recently and there have been a number of changes and rerouting of Public Rights of Way in that time.

An excellent alternative is the Harveys strip map at 1:40,000 of the whole route, released in 2014 which is also water and tea resistant. It provides more information than the OS series and saves a lot of weight and space.

- OS Landranger (1:50,000): [124](#), [125](#), [126](#), [135](#), [136](#), [137](#), [147](#), [148](#)
- OS Explorer (1:25,000): [201](#), [214](#), [215](#), [216](#), [239](#), [OL23](#)
- Harveys (1:40,000) XT40 National Trails Glyndwrs Way

Two excellent and authoritative guidebooks were also revised and republished in 2014, the Cicerone Glyndwr's Way guide and the Kitiwake Glyndwr's Way national trail guide. The former is a comprehensive guidebook aimed at people aiming to complete the whole trail, the Kitiwake guide splits the trail into shorter sections and is perhaps a better option for those wanting to walk the trail over a longer period.

There are numerous other guidebooks, particularly the Kitiwake series, covering mountain routes and gentler walks around the trail.



### Web Blogs:

Several people who have completed the trail have produced advice for walkers via blogs: [Kevir Blount](#) and [Andrew Bowden](#).

## Glyndwr's Way on The National Trail website

[www.nationaltrail.co.uk/glyndwrs-way/](http://www.nationaltrail.co.uk/glyndwrs-way/)

The National Trail website is THE main information resource for national trails in England and Wales. There is a wealth of information on offer including interactive mapping to help users Plan Their Visit. Maps can be overlaid with information under various headings - General - Equestrian - Cycling and various sub categories:

- Accommodation - B&Bs, Hotels, Pubs, Self Catering, Camping, Hostels
- Services
- Attractions
- Events
- Photos
- Circular Linear Walks
- Link Routes
- Diversions (9 at time of writing)

Owners/operators can add their own information to the site at any time for free. For those wanting to feature prominently on the site, a small fee is charged for greater promotion. As well as mapped information, there is contact info, news and opportunities to offer feedback direct to the Trail Manager.

The importance of this website to the Glyndwr's Way as well as all the other National Trails, cannot be overstated. Guidebooks, maps and many other resources direct enquiries to it as the main source of information about the National Trails including Glyndwr's Way.

It was hoped during this study to add our newly gathered information to the site, but this has not proved to be viable due to the technical capabilities of the website. The issues identified are significant and affect the website as a whole and therefore all the national trails featured on the site.

However, the data that became available from The National Trails site contributed significantly to this study, for which we are grateful.

## Assets Study

Raw data identified in researching this project is provided firstly in an accompanying Excel spreadsheet. This catalogues all the assets, accommodation, services and attractions identified during the course of this study. Initial research carried out by Dragon Fly Solutions was amalgamated with data provided by the National Trails Website. These two datasets were combined, cleaned and added to by Digital Landscapes through further desk and telephone research. It represents a comprehensive study of all types of services found along the route but should not be regarded as definitive.

Information recorded about each identified asset included: Asset Name, Type, Address inc Postcode, Owner/Operator name, Telephone number, email address, website, when last updated on National Trail site, , X/Y GridRef and Walkers Are Welcome status.

A majority of the data was “Geocoded”<sup>1</sup> which generated British National Grid X and Y map co-ordinates from postcodes. These were then mapped using ArcGIS digital mapping software alongside other data from other sources to produce a series of maps showing densities and distributions for each asset type.

The GIS spatial mapping model compliments this report, its data can be used in a variety of GIS software including Google Earth (with some reformatting).

### Asset Definitions

Assets include but were not limited to the following types:

- Natural and historic built environment
- Cultural heritage
- Rights of Way network around the trail
- Links to communities, identifying particular resources – relevant or outstanding retail, leisure, library's, built heritage, etc.
- Accommodation providers within reach
- Any other opportunities for refreshment
- Transport links including Sustrans cycle network

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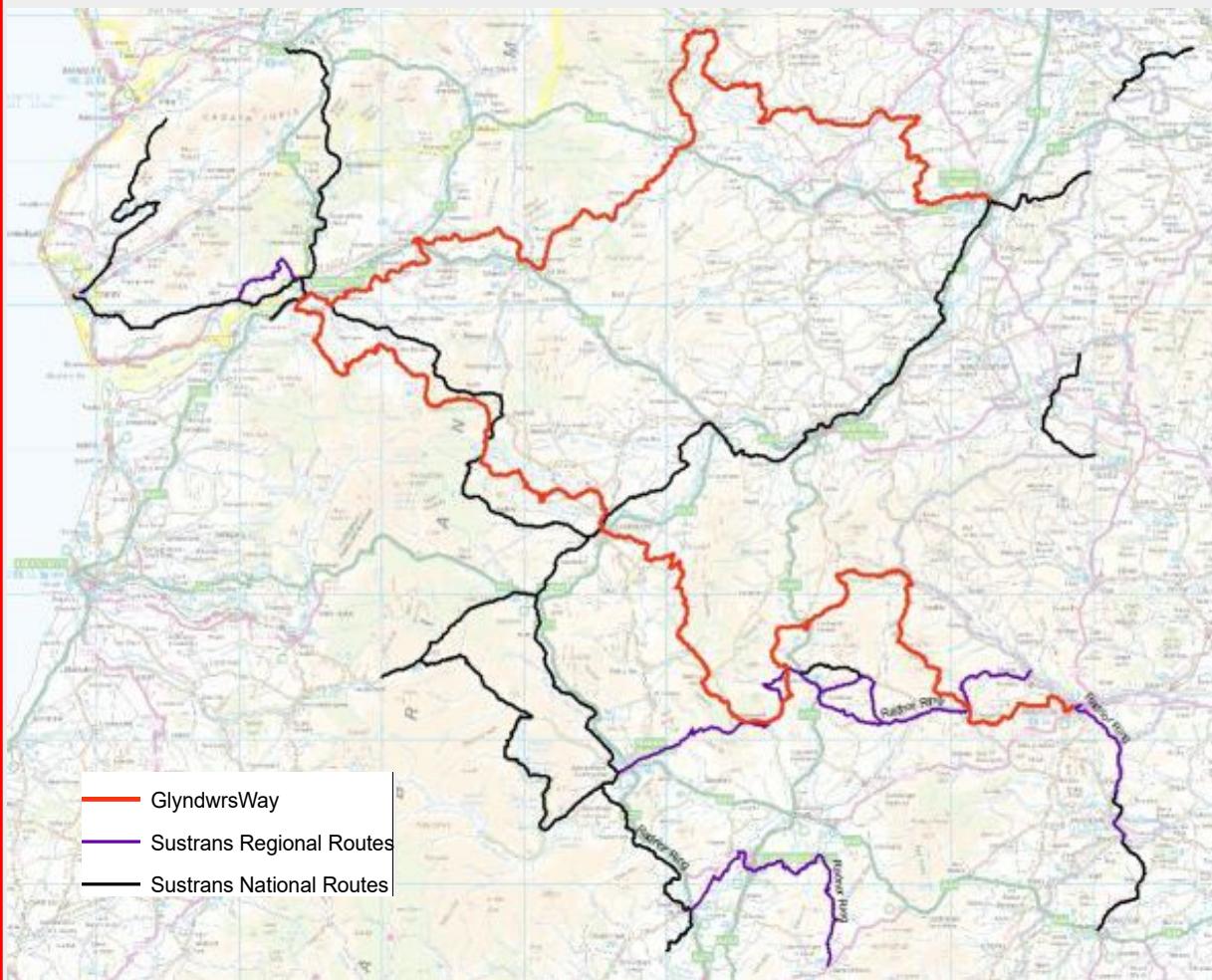
<sup>1</sup> A process using GIS mapping software and Reference data from The Post Office / Ordnance Survey to map addresses using postcodes

## Cycle Routes around the trail

The trail is primarily a walkers route however from analysis of Public Rights of Way data, it is estimated that between 30-60% of the Glyndwr's Way is already able to be used legally by bicycle, whether on road, bridleway etc. This represents a significant proportion of the trail.

In addition to the wealth of cycling on the trail itself, it is surrounded by a network of quiet rural lanes and off-road trails.

Several long distance designated cycle routes link up with the the trail including 130km of Regional Routes and 355km of National Cycle Routes within 15km of the trail. Long distance cycle routes include:



- Lon Cambria - Aberystwyth to Shrewsbury and Route 81 on to Wolverhampton
- Lon Las Cymru - Cardiff/Chepstow to Holyhead
- Radnor Ring R825 - Knighton, Rhyader, Llandrindod Wells, Kington

With the large proportion of the trail potentially already usable by cyclists together with its connections to other cycle routes, there is significant potential in the future for increasing the appeal of the trail to cyclists (and possibly horse riders). A comprehensive survey of accessibility, surface conditions and potential for upgrading / rerouting sections of the trail (legally and on the ground) might reveal a rich new tourist asset.

485km of  
Cycle Routes  
within 15km  
of GW trail

## Heritage

The trail passes through a landscape rich in cultural and industrial heritage with many sites on or close to the trail including cairns, barrows, hillforts, earthworks, camps, mines, and castle remains.

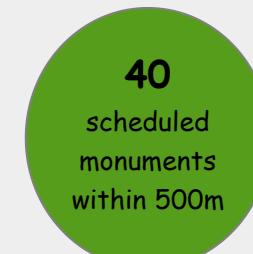
	Within a zone 15km of the trail	Within 500m of the trail
Listed Buildings	3682	670
Scheduled Monuments	612	40
Historic Gardens	47	4
Historic Parks	33	3

There are also historic parks and gardens close to the trail at Welshpool (Llanerchydol Hall), Machynlleth (Y Plas) and Abbey Cwmhir.

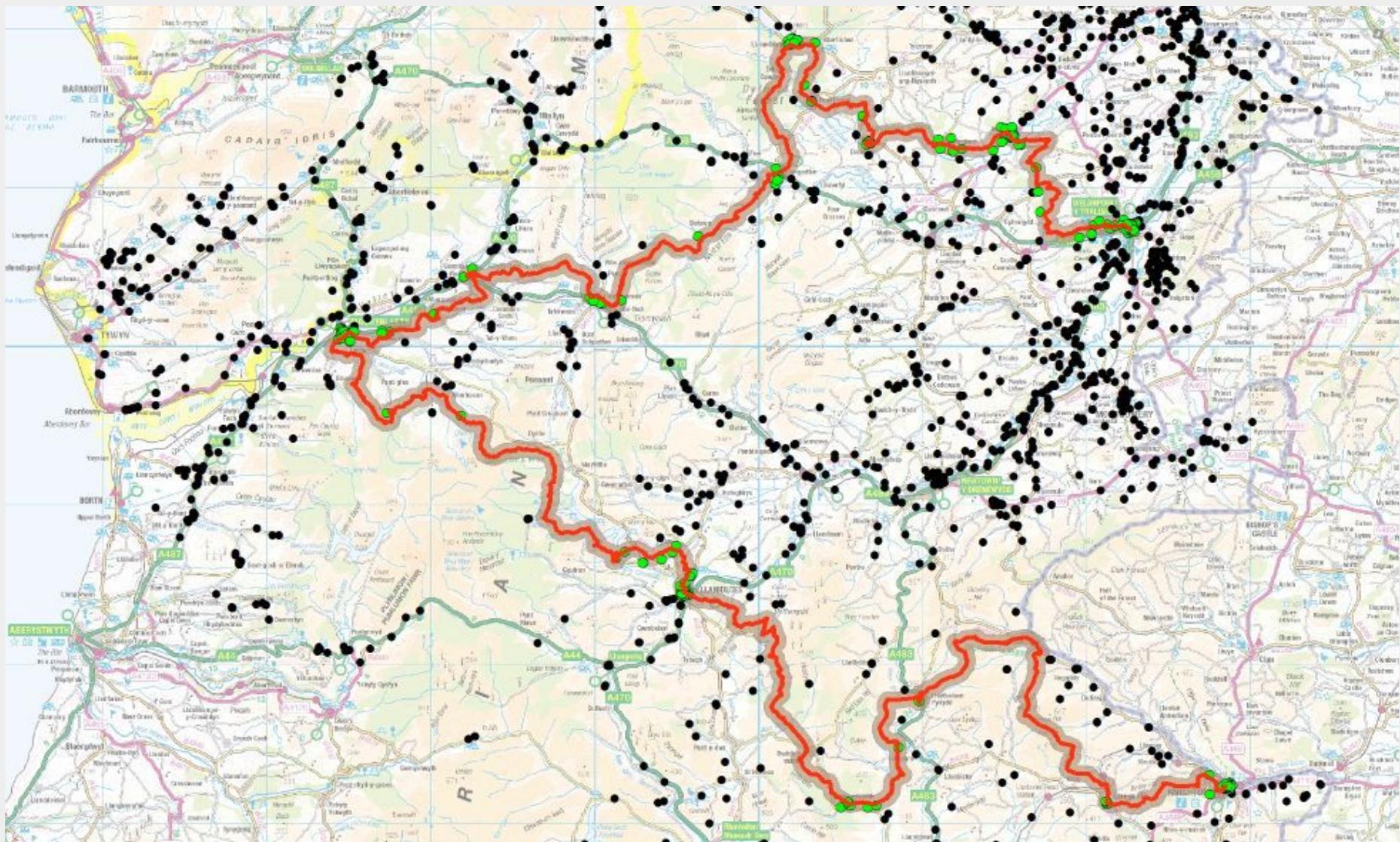
The guidebooks do mention some of these historic sites and there is certainly volumes of specialist books detailing the historic built environment in the area. There are a very large number of historic graded or listed buildings along the trail, notably along the Newtown, Welshpool border areas.

Given such a large resource, there is ample opportunity to develop more around these historic aspects such as targeted marketing, magazine articles, guided walks and talks along the trail or in the historic towns, information panels and more information for walkers and guidebooks writers.

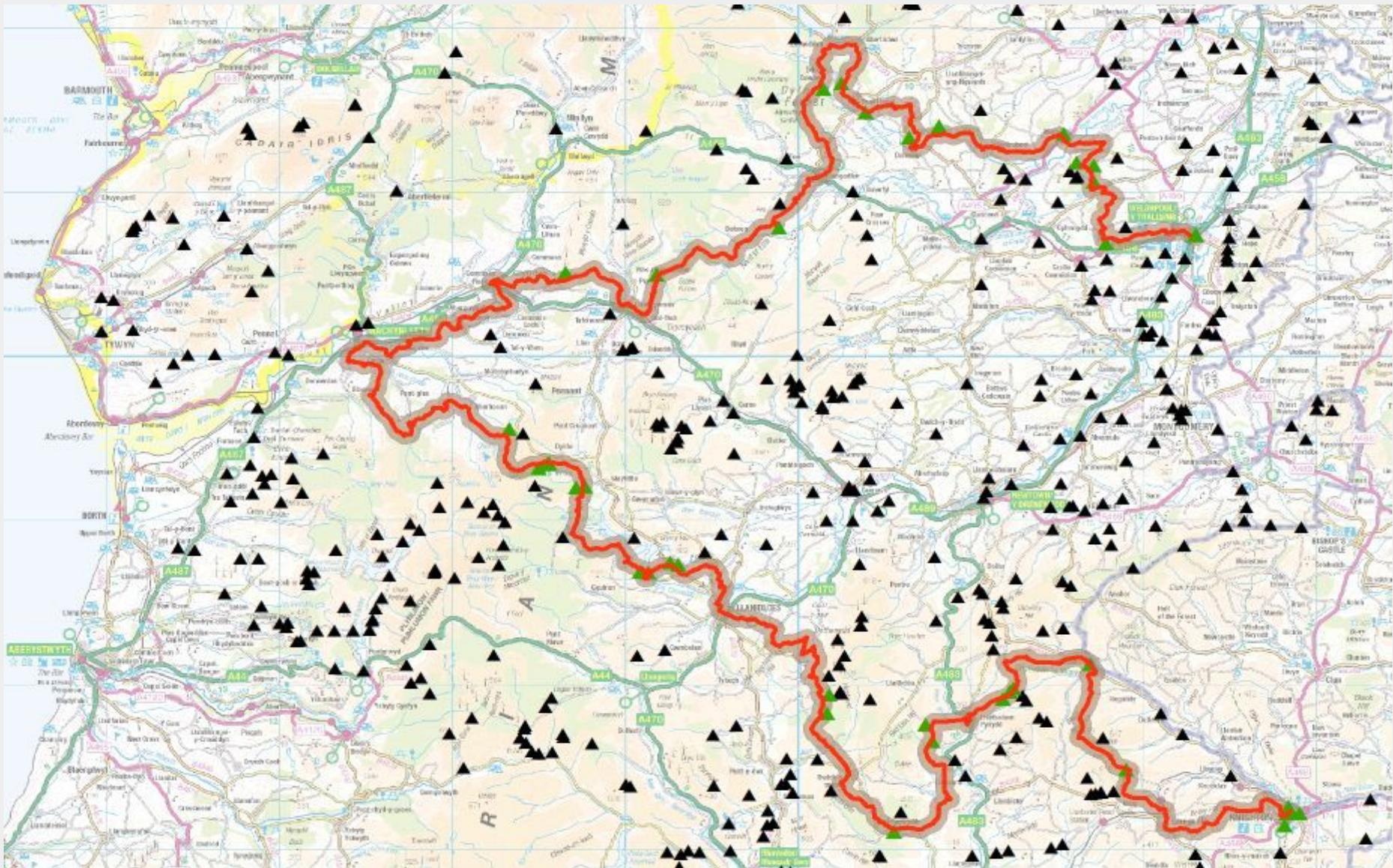
Unfortunately there are only a handful of sites with any direct links to Owain Glyndwr himself, such as the site of the old Parliament buildings in Machynlleth, which the Owain Glyndwr Centre presently occupies. More research might identify more such sites in the future.



Listed Buildings within 500m ● and 15km ● of the trail



Scheduled Monuments within 500m  and 15km  of the trail



## Accommodation

The study looked at accommodation of all types including B&Bs, Hotels, Inn's, Self-catering, Campsites and Hostels within the environs of the trail, consulting a wide variety of sources. In general, there is an excellent level of all kinds of accommodation in the area and good degree of accommodation provision along the trail itself.

The greatest number and choice of accommodation providers are to be found in the major towns with some notable exceptions, especially days 4 (Dylife) and 8 (Meifod).

Once outside of these areas, choice becomes much more limited and users have to accept a variety of types and qualities. This also means that users have to book well in advance even outside of busy times, especially if they want to maintain a particular standard or type of accommodation on their journey, something of a limitation for choosing the route over some other National Trails. The following maps give an *indication* of the distribution of accommodation found along the trail.

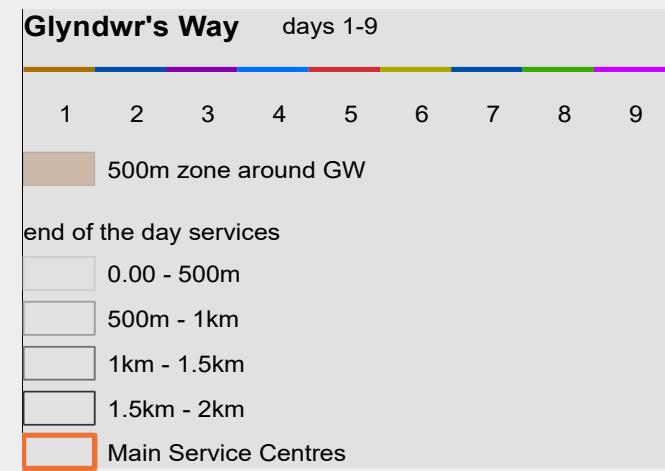
### The following key is common to all maps:

Each day section of the trail is individually colour coded.

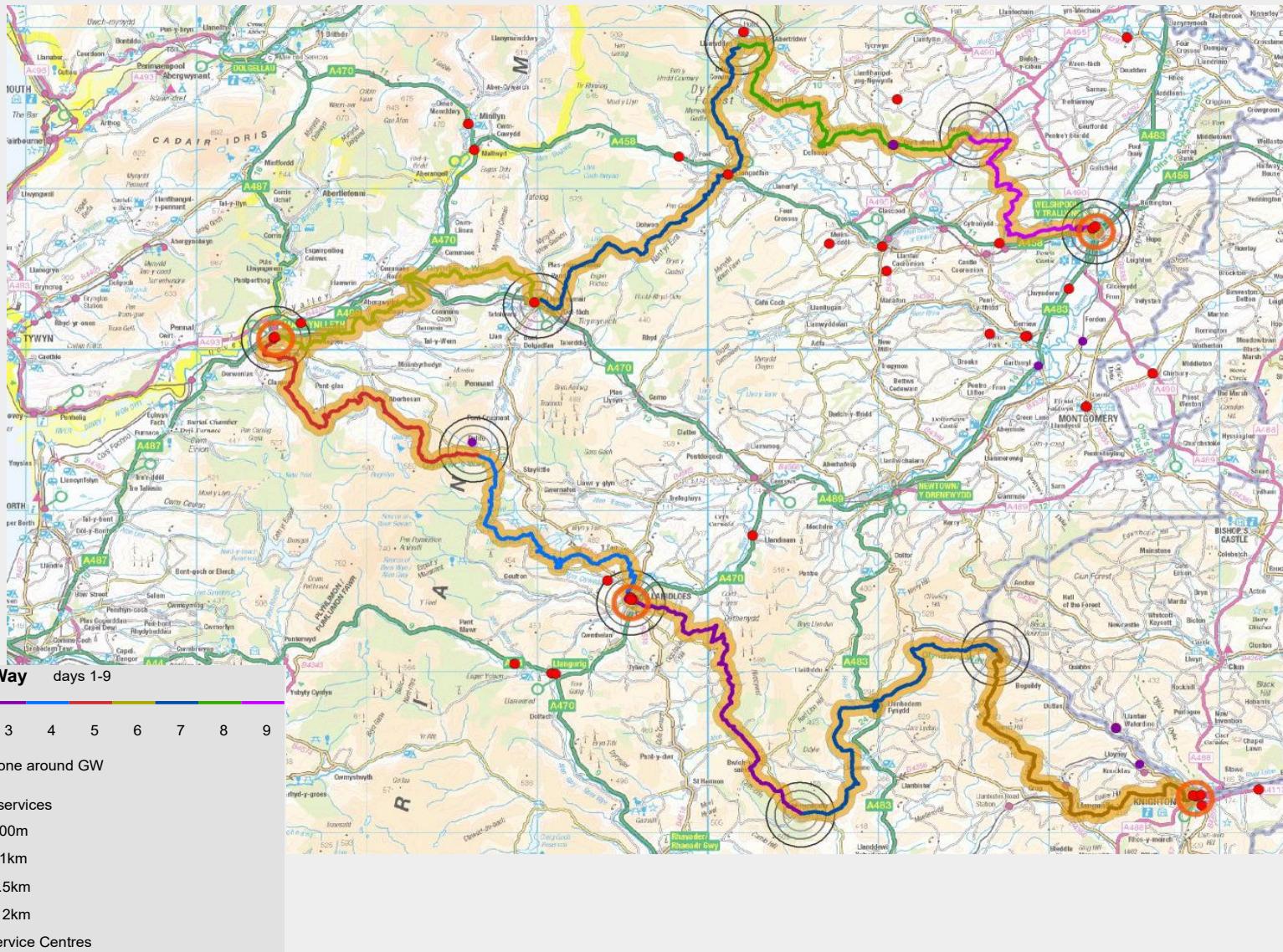
A 500m zone is mapped either side of the trail to give an indication of which assets are on or very close to the trail.

Concentric black rings around the settlements on the trail, at the beginning and end of a days walk, indicate how far users have to travel to access services. Each ring is 500m to a max of 2km from the settlement centre.

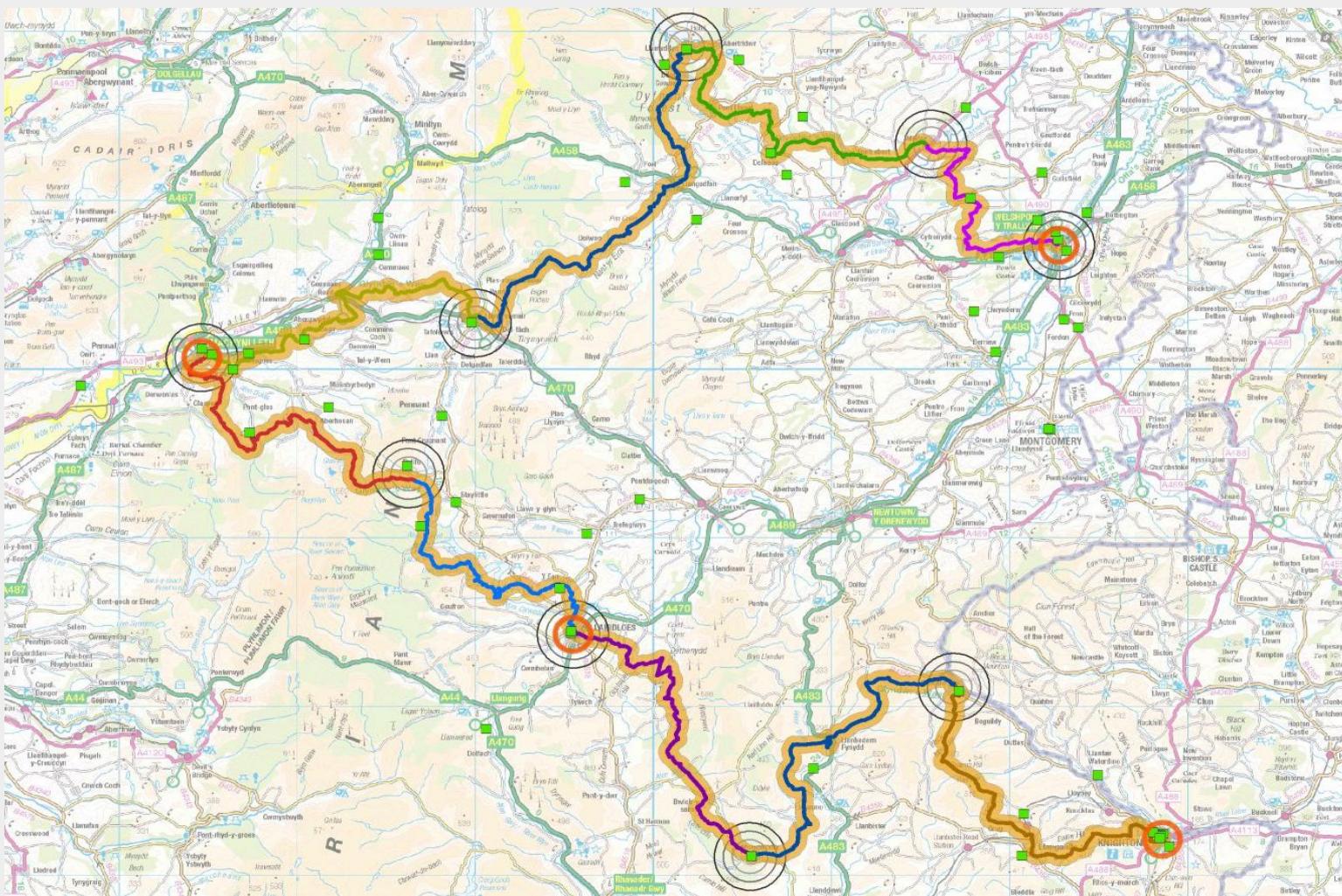
Due to the high density of assets, the scale of mapping and issues with the Geocoding process, we have highlighted the main settlement centres with an Orange Circle to indicate that they provide a wealth of services of all types.



**Hotel's ⚡ and Inn's ⚡** (130) are the most numerous accommodation type, but were overwhelmingly concentrated in the main centres where there was a wide variety of choice. It is not currently possible to maintain this kind of standard of accommodation throughout a journey along the trail, without a substantial journey (taxi) at the end of days 1,2,4 and 8.

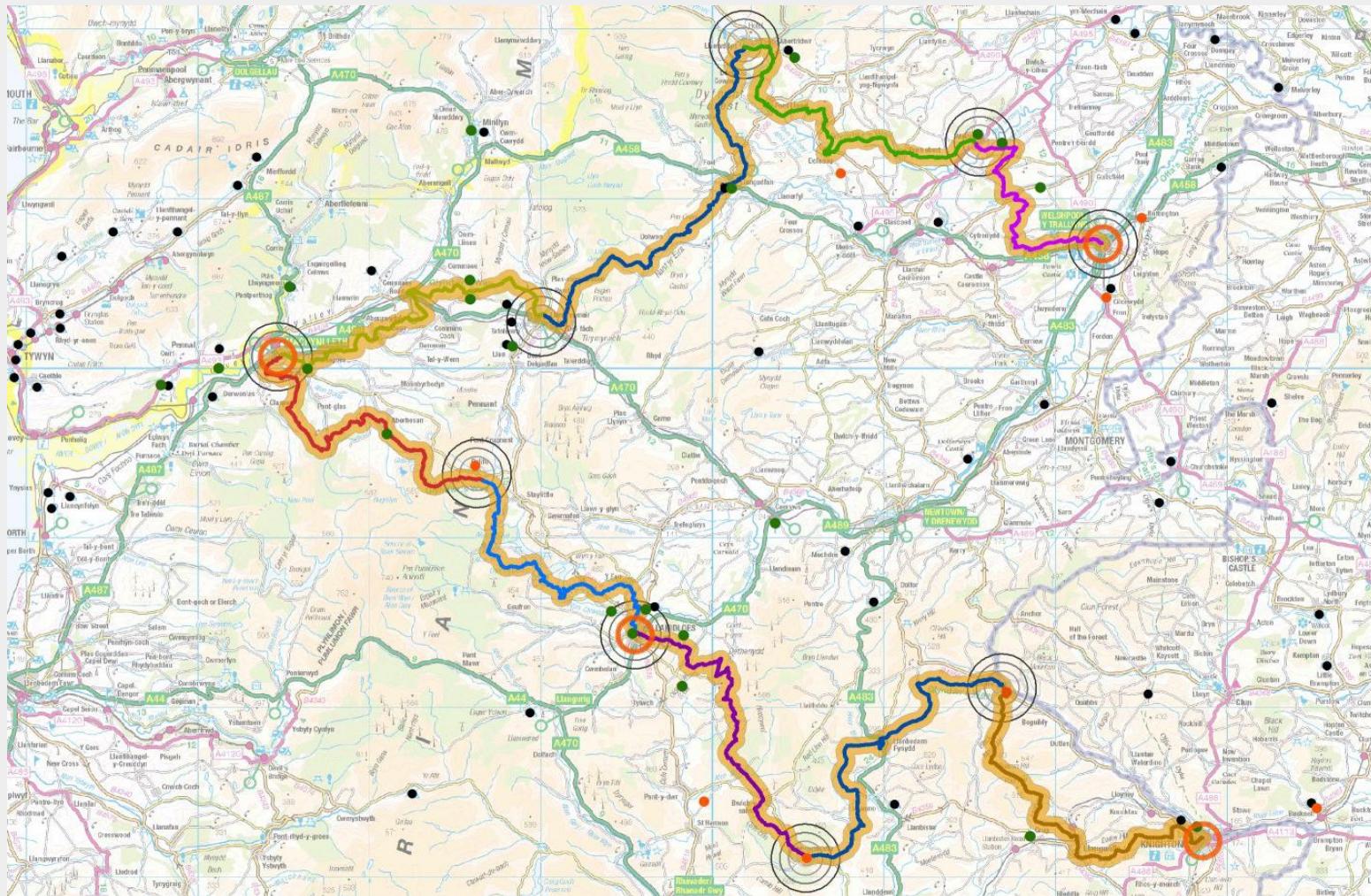


**B&B** ■ (75) accommodation is the most widespread *along* the trail and also has generous provision in the major centres. It is possible to stay in B&Bs for most nights along the trail.



The study restricted listings to official B&Bs and did not consider the increasing number of 'informal' providers on sites such as Air B&B, although it is known that some are to be found along the route, again especially in the main centres.

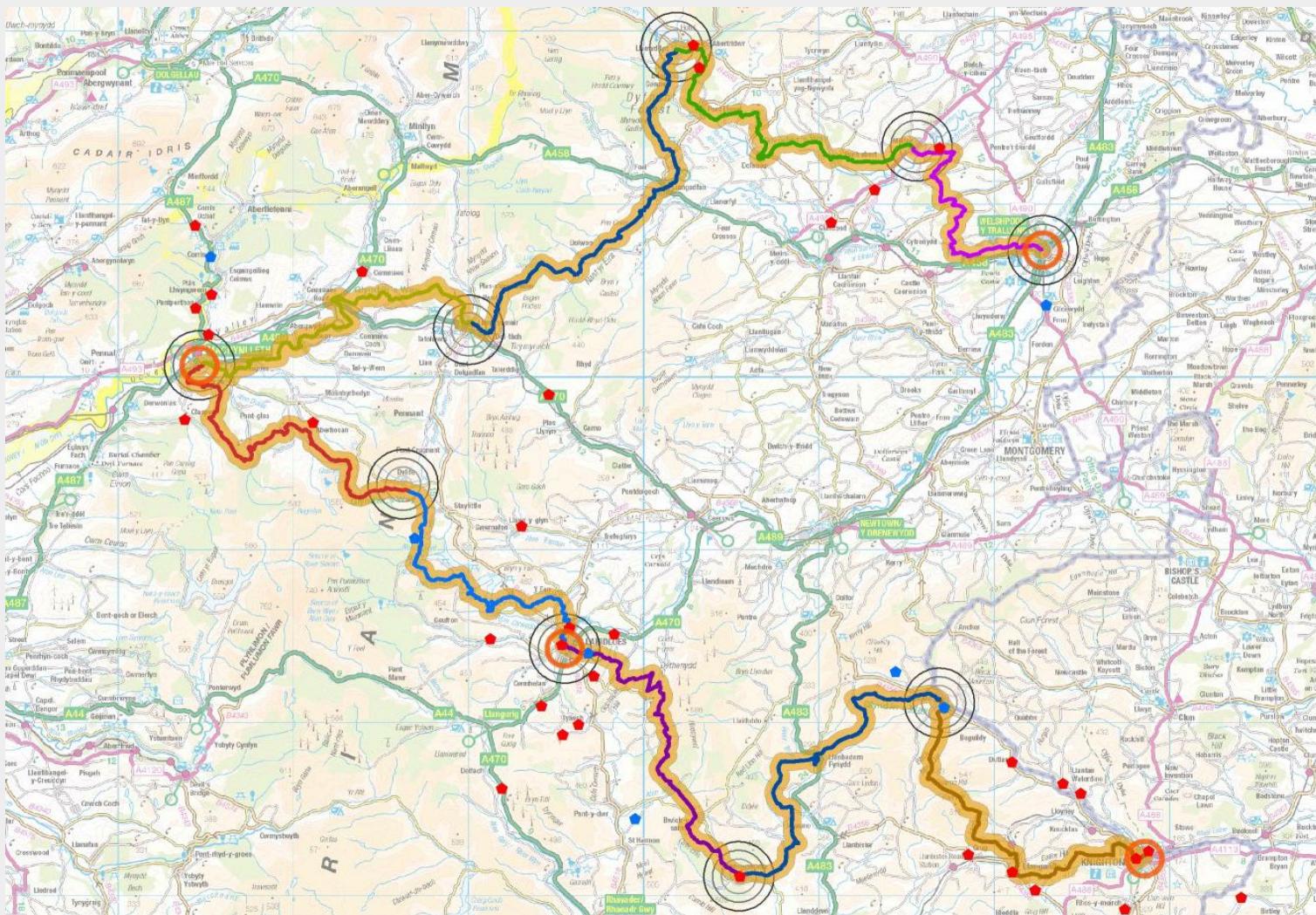
There was a much higher number of dedicated ● Campsites, accommodation types providing Other Camping pitches ● (68 in total) and Camping and Caravanning Sites ● (63) found along the trail than was originally thought. However a majority of these are not in close proximity at the end of a days



walk, few within a reasonable 500m – 1km distance. Quality varies tremendously, some being fully equipped sites, others informal pitches in gardens, at the back of a pub or B&B. Caravanning sites usually do not cater for tents or backpackers, although some may be encouraged to in the future.

More might be done to encourage the development of campsites (informal or official) around the major settlements along the trail and help support and develop services for backpackers.

Of the other types of accommodation there are very few **Hostels / Bunkhouses** (6), either part of the Youth Hostels Association or independent. A number have closed in recent years, even though these were of a high standard. There are at least 35 **Self-Catering** facilities, however these tend to offer exclusive use only which may be too expensive for the independent traveller or couple walking the trail.



Looking in detail at what accommodation is available at the end of the walking day, out of a total 200\* accommodation providers identified, under 30% are within a reasonable 2km distance at the end of a days walk and there are significant variations between the 9 settlements at the end of each days walk:

34 were within 500m of the end of a days walk  
41 were within 1km of the end of a days walk  
58 were within 2km of the end of a days walk

6     ◆ Hostels / Bunkhouses  
35    ◆ Self Catering  
68    ● Campsites (+63 camping and Caravanning)  
75    ■ B&Bs  
130   ■ Hotels and Inns

(\* some operators provide more than one type of accommodation)

It should be remembered that the study cannot have identified every accommodation provider along the trail. Despite a large amount of research, there were significant gaps in data. Visit Wales did not provide any data and it proved to difficult and time consuming to gather data from their website for inclusion in the study. This means that the picture is by no means a complete one and we would expect numbers of all types to be higher. Also, we have been unable to analyse the proportion of providers who are part of the Visit Wales grading scheme.

However the data does highlight the general distribution of accommodation along the trail and as the trail crosses some wild and remote countryside in an already sparsely populated region, highlights some notable sections where there is currently very little accommodation to be found (eg Dylife) at the end of the days walk.

Some creative approaches to encouraging people to better market themselves or consider providing new accommodation, would benefit the trail users but also help to increase traffic along the whole trail. We are thinking here perhaps of encouraging existing providers to expand the range of accommodation on offer, particularly for backpackers (even if it is a patch of ground for the night and access to the toilet) or perhaps encourage householders to provider informal accommodation through services such as Air B n B.

Some few accommodation providers including campsite operators are known to provide a pick-up and drop-off service for walkers on the trail, however these services are presently largely unquantified. More research needs to be done to find out in detail who is providing / might be persuaded to provide services such as:

- Baggage Transfer
- Pickup - Drop Off service
- Laundry / Drying facilities
- Parking (inc for horse boxes)
- Stables
- Secure bike storage

## Services

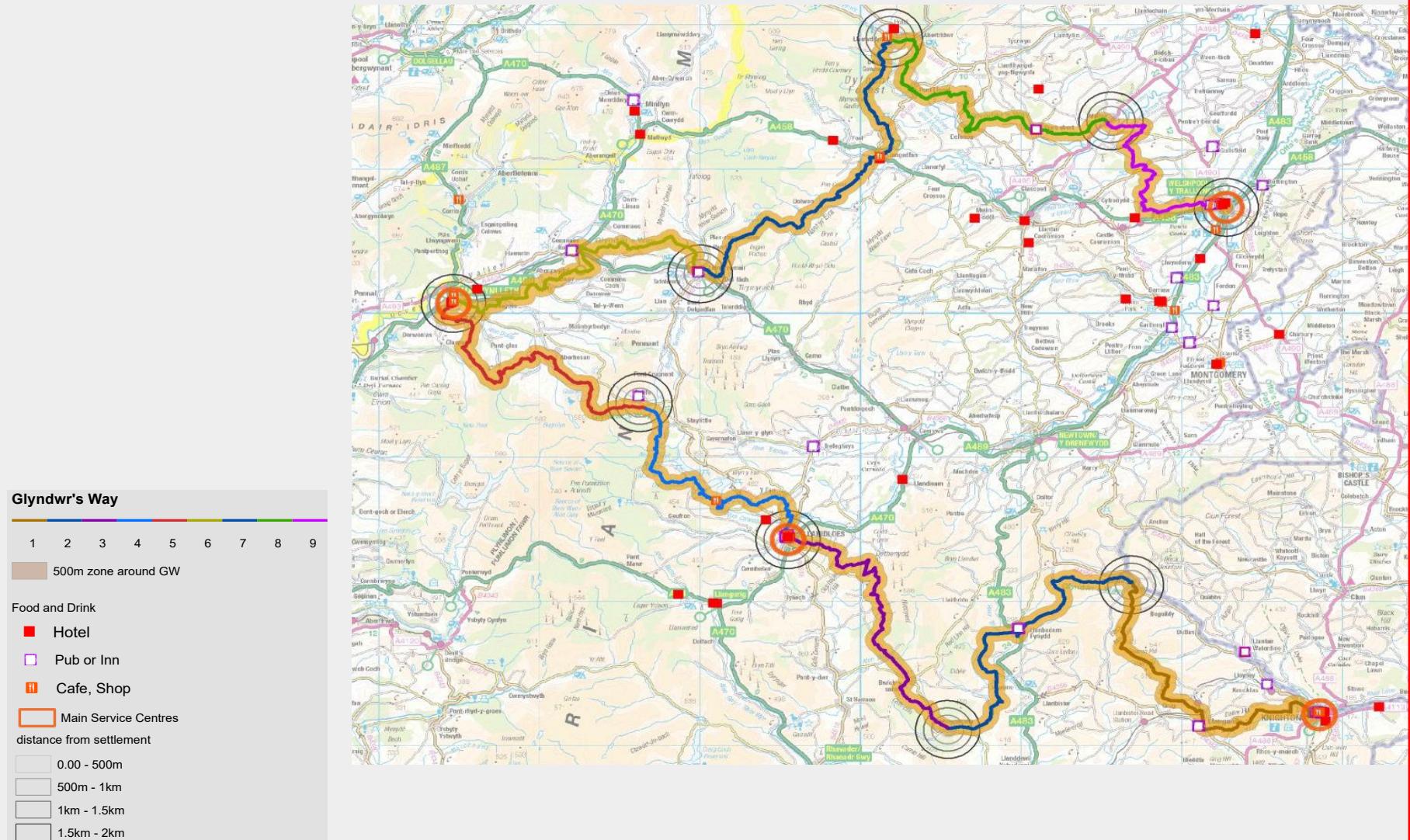
The study considered what services were available along the trail, such as places to eat and drink, libraries, shops for supplies, leisure centres etc.

Like accommodation, the greatest choice and number of service providers are to be found, again, in the major towns along the route, although to perhaps a greater degree than accommodation. All major settlements along the Glyndwr's Way (usually at the start and finish of each day) are large enough to support a range of modern services where users can find supplies, food, drink, post offices, internet, transport connections and banking facilities. It is a different story in the villages through which the trail passes and users cannot always expect to find a shop, pub or cafe for lunch or supplies.

	<b>Station</b>	<b>Hotel</b>	<b>Pub</b>	<b>Shop</b>	<b>Supermarket</b>	<b>Wholefood Shop</b>	<b>Post Office</b>	<b>Library</b>	<b>Leisure Centre</b>	<b>Bank or ATM</b>	<b>Info</b>
<b>START – Day 1 Knighton</b>	X		X	X	X	X	X	X	X	X	Pub at Llangunllo
<b>DAY 2 Felindre</b>			X								Shop at Llanbadarn Fynydd
<b>DAY3 Abbeycwmhir</b>			X								
<b>DAY 4 Llanidloes</b>	X	X	X	X	X	X	X	X	X	X	
<b>Day 5 Dylife</b>			X								
<b>DAY 6 Machynlleth</b>	X	X	X	X	X	X	X	X	X	X	
<b>Day 7 Llanbrynmair</b>		X	X	X			X			Via PO	Pub, PO and shop at Cemmaes Road
<b>Day 8 Llanwddyn</b>		X	X	X							Cafe and Pub at Llangadfan
<b>Day 9 Meifod</b>			X	X			X			Via PO	Shop at Pont Lobel, Pub at Pontrobert
<b>FINISH Welshpool</b>	X	X	X	X	X	X	X	X	X	X	

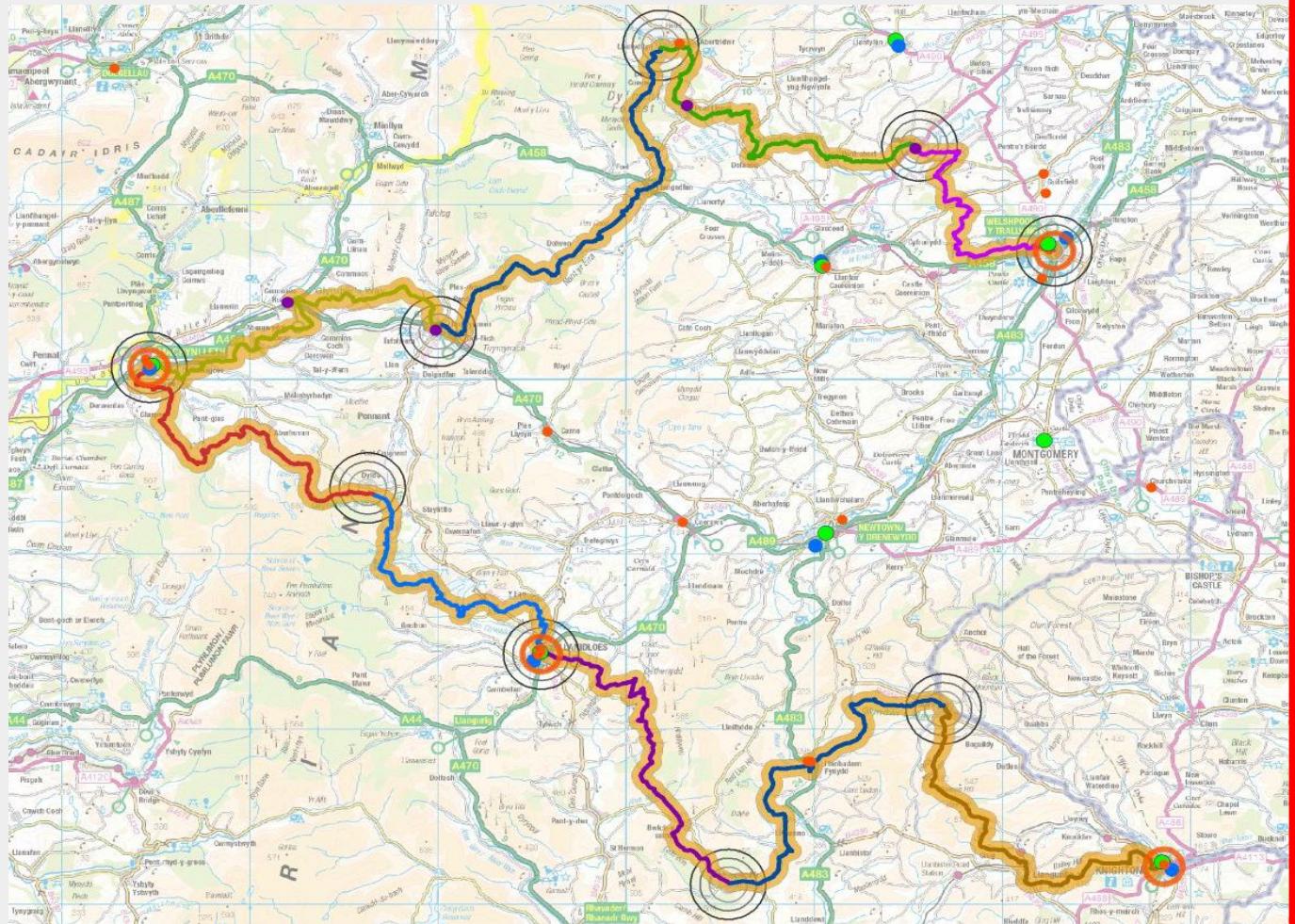
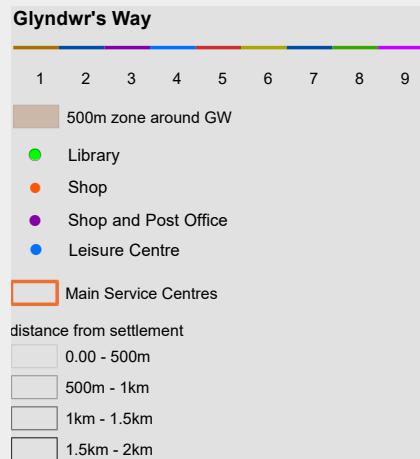
## Places to eat and drink along the trail

We include hotels, pubs, inns and cafe's on this map to give as good an indicator as we can from the data captured, of where to find refreshment along the trail. The major centres all have an excellent choice of foods and qualities, most having Indian, British and Italian restaurants as well as a variety of take-aways. Some providers especially hotels, will operate as pubs as well with one or more bars, providing lunches and dinners. Machynlleth for instance shows cafes and hotels, where all the hotels have bars. This will also be true of Llanidloes, Knighton and Welshpool



## Shops, Leisure Centres and Libraries along the trail

Here, the vast majority of services such as shops, post offices, libraries, leisure centres, banks etc are to be found in the main centres, with very few such services to be found during the days walk. The Machynlleth to Welshpool section is better served, where some village Post Offices are also shops.



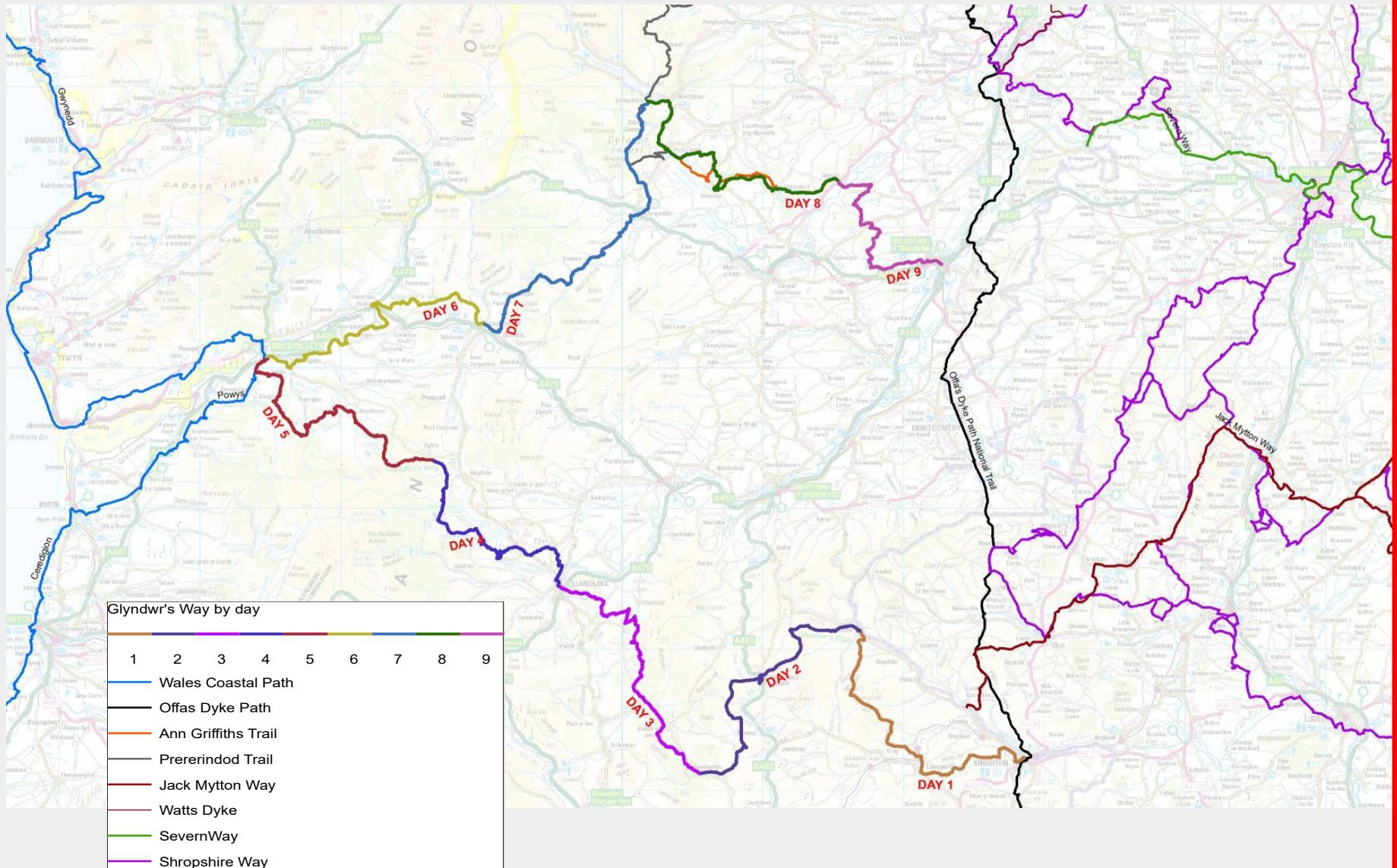
## The Leisure Resource

The Mid Wales area through which the Glyndwr's Way winds, is remote and very rural but has been settled for many thousands of years. Consequently there is a large network of old drover routes, footpaths and trails. In times past these served as major infrastructure for people moving about the area. As the motoring era developed, these paths declined in use and have become the basis of a major leisure resource for a range of outdoor activities including walking, horse riding and cycling. There is a diverse and rich variety of landscapes from high mountain ridges, lonely summits, quiet forests, riverside and gentle family walks. Many longer distance walks traverse these landscapes, some of which are close to or link with the Glyndwr's Way.

<b>Trail</b>	<b>Importance</b>	<b>meets GW at</b>	<b>Length</b>	<b>Notes</b>
<a href="#">Ann Griffiths Way</a>	Local	Pont Llogel	11km	
<a href="#">Cambrian Way</a>	National	Dylife	440km	
<a href="#">Ceredigion Coast Path</a>	Regional	Ynys Las	96km	
<a href="#">Bishops Castle Ring</a>	Local	Bishops Castle	98km	
<a href="#">Dyfi Valley Way</a>	Local	Machynlleth	164km	
<a href="#">Jack Mytton Way</a>	Regional	Knighton (start)	110km	
<a href="#">Kerry Ridgeway</a>	Local	Kerry	24km	
<a href="#">Mortimer Trail</a>	Local	Kington	48km	
<a href="#">Montgomery Canal</a>	Regional	Welshpool (finish)	61km	
<a href="#">Offa's Dyke National Trail</a>	National	Welshpool (finish)	283km	(GW circular extension to rtn to Knighton)
<a href="#">Pererindod Melangell</a>	Local	Pont Llogel	24km	
<a href="#">Radnor Forest Trail</a>	Regional	Llanfairwaterdine	100km	
<a href="#">Sarn Sabrina</a>	Local	Llanidloes	40km	(NB NOT the Sabrina Way)
<a href="#">Severn Way</a>	National	Llanidloes	360km	
<a href="#">Shropshire Way</a>	Regional	Bishops Castle	224km	
<a href="#">Taith Arddwy Way</a>	Local	Barmouth	39km	
<a href="#">Wats Dyke Way</a>	Regional	Llanymynech	99km	(Montgomery Canal link)
<a href="#">Wales Coast Path</a>	National	Machynlleth	1400km	
<a href="#">Wye Valley Walk</a>	National	Llangurig	218km	

## Long distance path network around the Glyndwr's Way

There is an extensive network of long distance paths to be found throughout Mid Wales, surrounding and often connecting to the Glyndwr's Way. In addition to the mapped routes, others include the Dyfi Valley Way around Machynlleth, the Cambrian Way (Wales South to North) and the Wye Valley Walk from its source north of Llanidloes to Chepstow.



## Local Walks along the Glyndwr's Way – potential link paths and circular walks

There are several guidebooks excellent guidebooks to local walks along the Glyndwr's Way, which could form the basis of link paths and circular Walks. In particular the [Kittiwake](#) collection of books which detail walks from the main towns along the route detail over 190 nearby Walks, with 60 within 500m of the trail. In addition over 70 mountain summits lie within 15km of the trail, including several notable peaks such as Cadair Idris, Pumlumon and the Arenigs.

The excellent “Pictorial Guide to the Mountains of Snowdonia 4: The Southern Peaks” by John Gillham details over 75 mountain routes in and around the eastern (Machynlleth) end of the Glyndwr’s Way. There are many other guidebooks of local walks, put together by hard walking enthusiasts. This map gives an indication of the large number and distribution of published walks around the GW, but is by no means a complete picture.

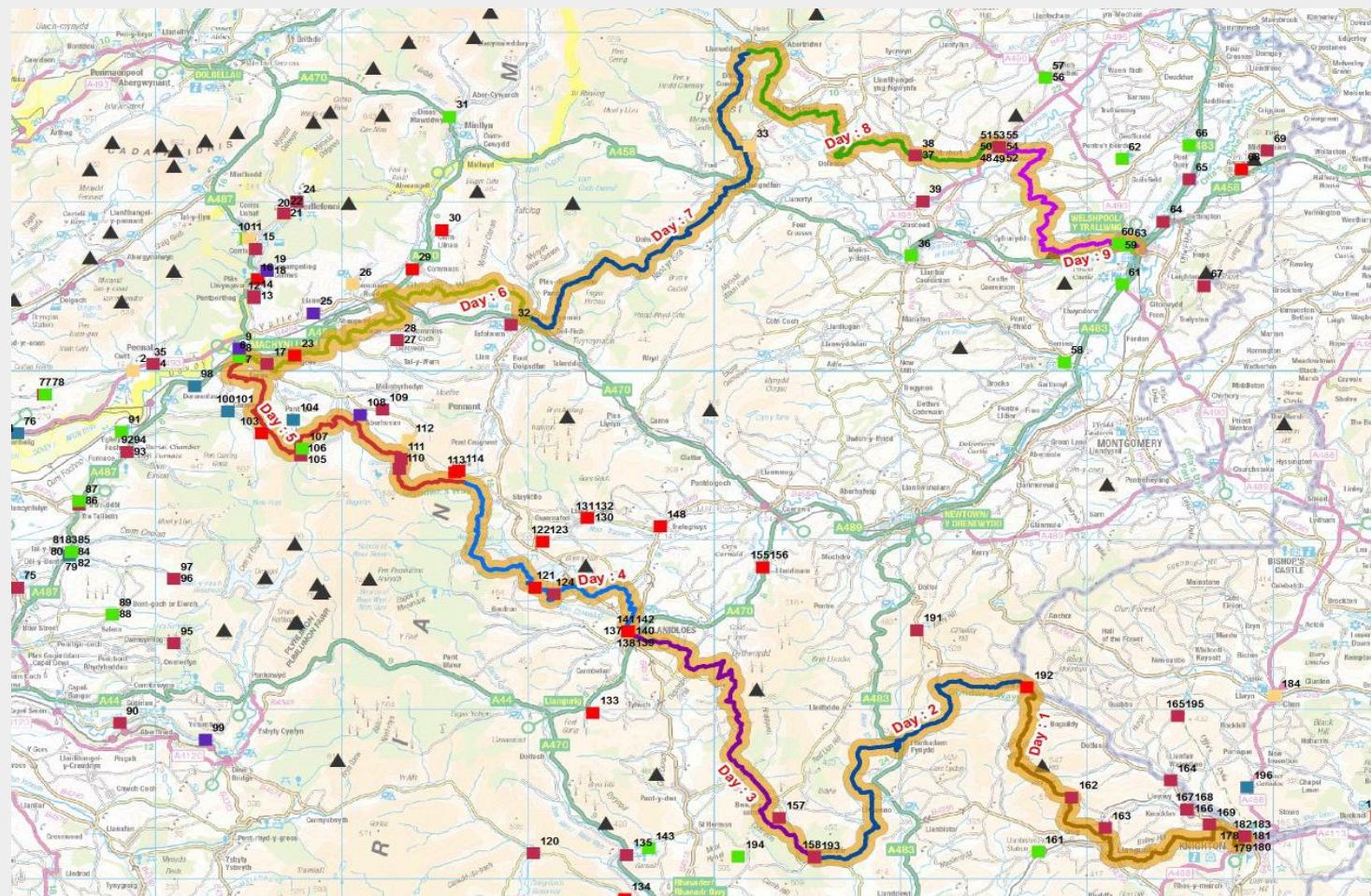
## Walks Around Glyndwrs Way

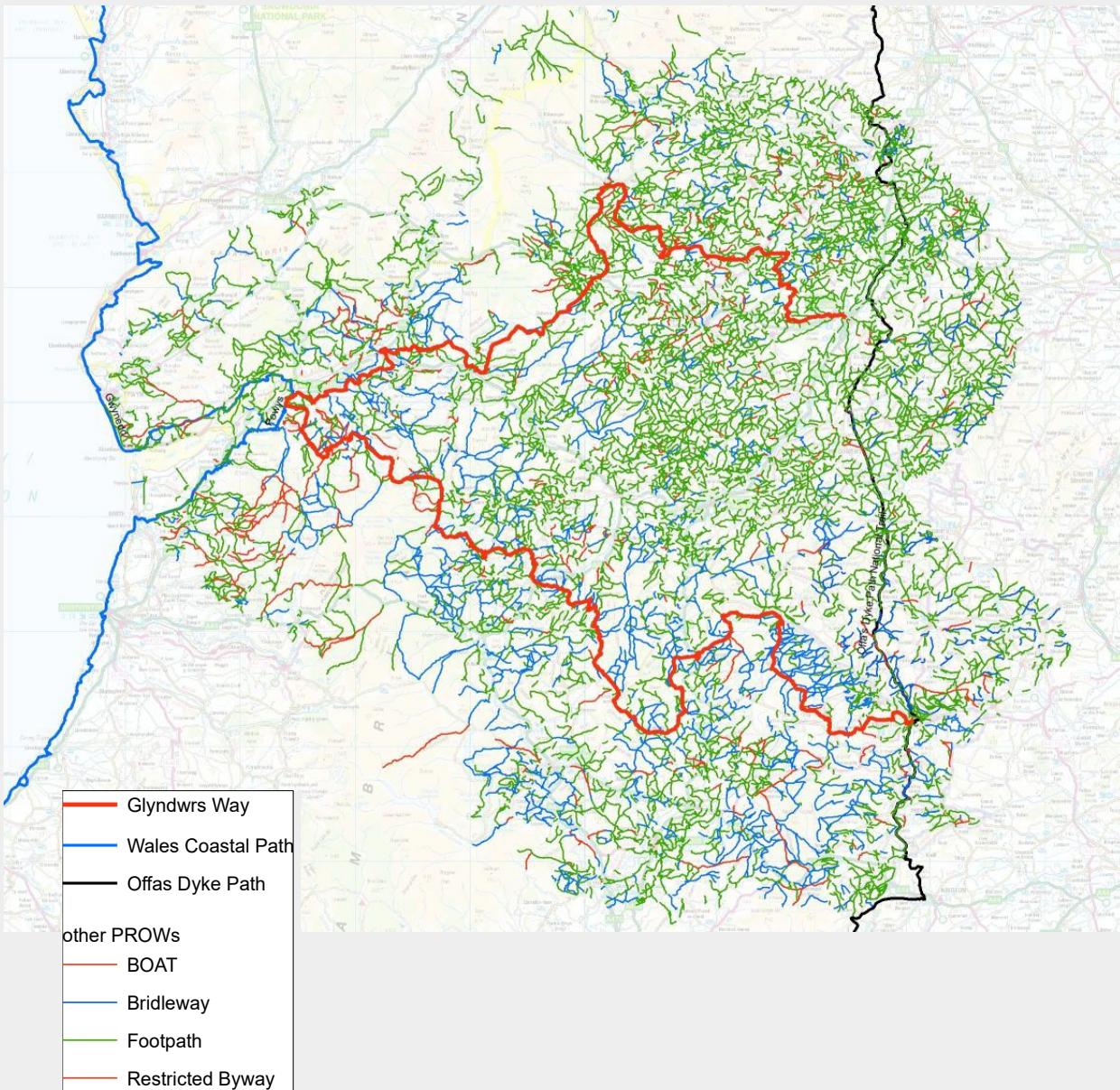
Grade

- Easy
  - Easy Moderate
  - Moderate
  - Moderate Strenuous
  - Strenuous
  - unknown

▲ Mountain Summits

(id corresponds to description in spreadsheet)





The potential for walking in the environs of the Glyndwrs Way is therefore very significant, however at present the National Trails Website does not publicise any Link or Circular connected routes, either additional recreational routes or paths to settlements, travel connections etc. There is opportunity here to make use of the already published walks (with the agreement of the relevant publishers) and publicise these as circular and link walks to the Glyndwrs Way. The study also identified 8000km of Public Rights of Way within 15km of the trail<sup>2</sup>

- 69% footpath (walkers)
- 22% bridleway (walkers, cyclists, horse riders)

This represents a dense and colossal resource and offers incredible potential for developing more recreational opportunities around the Glyndwrs Way, both for walkers, cyclists and horse riders.

**8000 km of  
paths  
Within 15km**

<sup>2</sup> From GIS spatial data of PROWs (2013) supplied by Natural Resources Wales and Shropshire County Council

Recent development work is helping to develop the walking product, encouraged by local groups and events staged by The Dyfi Biosphere Tourism Partnership and others. Several communities on or near the trail have, or are working towards, "Walkers Are Welcome" status. It is hoped that this accreditation will help further promote the area to walkers and their families alike.

'Walkers are Welcome' presently includes :

[Bishops Castle](#)

Clun

[Devil's Bridge](#)

[Kington](#)

[Knighton \(GW start\)](#)

Llandrindod Wells

**Shropshire**

Shropshire

Ceredigion

Herefordshire

Powys

Powys

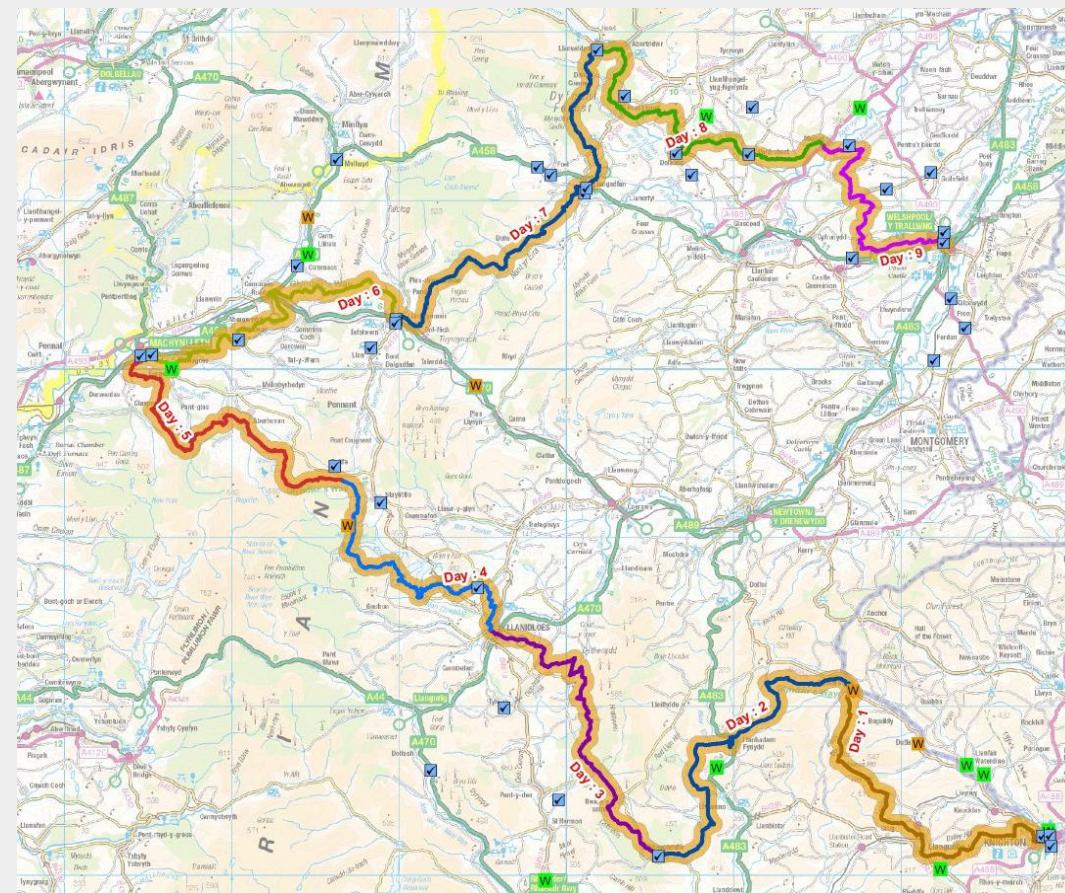
**Walking Festival September 17 – 20**

**Walking Weekend September 12 – 13**

Some individual accommodation providers are accredited under the Visit Wales 'Walkers Welcome' scheme. Although data was not forthcoming from Visit Wales, the following indicates what is considered to be the most up to date information. These schemes are increasingly important to visitors, helping to differentiate between establishments that are walker friendly and which will probably have more facilities (such as a drying room) that walkers may need. A similar scheme exists to enhance provision for Cyclists.

#### Walkers are Welcome

- W WrW accredited
- W WrW Green Tourism
- WrW not accredited but supportive



## Limitations and Opportunities

### National Trails website

An issue of key importance to this project was the discovery that there is no facility for bulk data import/export on the National Trails website. This affects all the trails on the site, not just the Glyndwr's Way. We had expected an easy method of uploading the new and updated data collected by the project to the National Trails site. No such facility exists. The only method would have been to perform each update individually one by one. We had to concede that adding all the new assets identified by this study individually by hand would have taken an excessive amount of time and diverted effort from the more important task of identifying new assets. Although the facility for users to upkeep their own information is useful, the reliance on this as the main data update tool is a serious weakness and one we consider inappropriate for a website of this importance.

The site is managed by a small private company who are enthusiastic supporters of National Trails and walking in general. They handle support requests and questions from users but unfortunately, even though the website is THE main site for UK National Trails, they receive no funding from local authorities, the government tourist bodies or Natural England / NRW for updates or maintenance. They fight a constant battle, trying to balance update requests against having no funding and doing what little they can afford. The site also has to pay license fee's to Ordnance Survey for use of map data.

Even at a time of austerity and budget cuts, the fact the THE national website for England and Wales's premier walking routes receives no funding at all is a serious problem for any plans to promote The Glyndwr's Way or any of the other National trails.

The project also found that the Glyndwrs Wat section of the website lacks a variety of modern features which would be of use to potential users:

- No GPX, Memory Map or other download options
- No Print options
- No official 'App' for smartphones
- Lack of merchandise and completion certificate

Also of issue is the ongoing costs of licensing data from Ordnance Survey. We suggest there might already be provision for the site to use OS data free of charge under the Pan Governmental License Agreement through NRW or Natural England and this should be looked into on their behalf.

If the website is to be developed or updated in the future at all, a regular stream of funding from organisations who have a statutory remit to manage and promote the National Trails should be provided and we encourage all organisations with an interest in The National Trails to lobby for such funding.

Key features which would be extremely useful on this website as soon as possible are:

- Facility for the export and import of data in bulk as geospatial files or spreadsheet compatible files. This would allow the sharing of information between tourism/countryside organisations and their agents.
- An emailed information check / update feature for businesses registered on the site
- GPX and GIS route downloads
- Print a Map feature
- Downloadable PDFs listing assets along the trail by section / day

Recent conversations with the website owners indicate their enthusiasm but frustration with the situation. Their understanding is that currently government policy precludes funding of the site as it helps to promote private business. This attitude needs urgent revision, not only for the future promotion and support of the Glyndwr's Way, but for all the other National trails as well.

## **Limitations and Data Issues**

Although a significant amount of data was collected by the project, some data which we had hoped to use in the study, in the end did not become available. Public Rights of Way data and data about other long distance footpaths was provided, albeit at a very late stage, by Natural Resources Wales, prompting a review of all associated maps and analysis. This data is still being actively sought. Data which was not forthcoming includes:

- Accommodation, Grading scheme, Walkers Welcome, Cyclists Welcome data, Visit Wales
- Businesses data, thought to be held by Powys CC to help identify more, places to eat/drink, events etc around the trail.
- Wildlife Sites and reserves, West Wales Wildlife Trust (Montgomeryshire WT did supply data but without WWWT data, it is incomplete)
- Tourism attractions, possibly Powys CC, Visit Wales, Ordnance Survey (Golf courses), Cadw (castles, heritage)
- Walkers are Welcome communities accredited, working towards from Walkers Are Welcome
- Public Rights of Way data, Powys County Council (2013 data was supplied by NRW but is not detailed or complete enough for detailed analysis)
- Accommodation facilities : Wifi, Water points, Packed Lunch, Drying facilities, Secure Bike Storage, Parking for Horsebox, Stables, Baggage Transport, Pick up / Drop Off Service etc. Some data is provided on the National Trails website but it is far from complete.

Powys County Council refused to release Public Rights of Way data claiming concerns about it being 'under development', a potential source for trespass and impact on property values. In our opinion, Public Rights of Way data should be made public as soon as possible in accordance with the Governments Open Data initiative. It was not possible to carry out detailed analysis on the Glyndwr's Way or surrounding Public Rights of Way because of this.

The owners of the National Trails Website were not particularly keen for us to add information about other businesses, presumably due to privacy issues but also because the rationale for the website is that businesses should upkeep the data themselves. In any case this would have had to be done one entry at a time and we realised that this would have proved a project all in its own right.

- A properly resourced, structured survey is needed, perhaps via telephone, email or questionnaire, to identify in detail who is providing what facilities.

### **Circular and Link Walks**

This study has identified a large number of existing published walks in close proximity to the trail, sourced from various guidebooks. We consider at least some of these could form the basis of a formal series of ‘Circular and Linear Walks’ which might be promoted on the Glyndwr’s Way National Trail website in some way (start points?) and perhaps also through a dedicated guidebook (opportunity perhaps for Kittiwake).

- Permission needs to be sought from guidebook writers/publishers to make use of their intellectual property and the most appropriate methods of utilising their information agreed.

The project identified nearly 8000km of Public Rights of Way within a 15km zone surrounding the trail. A dense network of footpaths, bridleways and other routes connects towns, villages, roads and other sites together.

- We conclude that there is huge scope for further investigation to identify potential ‘Link Routes’ to transport hubs and surround settlements as well as more circular routes around the trail, but an up-to-date PROW dataset is needed from Powys CC.

### **As a Route for Cyclists and Horse Riders**

A significant portion of the trail, perhaps as much as 60%, is already legally possible on bike or horseback. From our own experience we know that other sections are also possible but only informally.

- A more thorough investigation to ascertain the legal status of each section / individual Public Right of Way making up the trail would be valuable, using the definitive maps or up to date GIS data
- A ground survey of the length of the trail could help identify the feasibility of and what practical work might be required to upgrade the trail so it could be utilised by Cyclists, Horse Riders and less able users.

### **Geocoding**

Geocoding is a process which compares a reference dataset of postcodes and their X and Y grid references, against the user's own data and produces a GIS layer of the matching results. The reference data available to this project was OS Codepoint and similar datasets from the Office of National Statistics. This data's 'resolution' is to single postcode level, EG SY20 8EB. It is not capable of resolving individual addresses within that postcode area. Sometimes the same asset had the same postcode (esp in the towns), meaning the Geocoding process placed XY points on top of others with the same postcode. This has made it difficult to illustrate the true number of B&Bs, Inns or Cafe's in the major towns on the route. To overcome this, we chose to highlight these major towns with Orange Circles on the map to indicate that all of these areas had a wealth of services on offer. The scale of the mapping also made it difficult to illustrate detail down at street level.

- Maps could be improved by using Address level reference data (the Postcode Address File PAF) but this data is costly. This would also require mapping at a much more detailed (per town?) scale in any case in order to see any real improvement.

## **appendix 1 - National Trail .co.uk information listed on site at time of writing**

B&Bs / Hotels / Pubs	38	with secure Cycle storage	39
Self Catering	27	Pick up / drop off service	7
Camping	20	Cycle Shops	0
Hostels	5	Cycle Hire	1
Sections suitable for Horse riding	6	Sections suitable for Horse riding	6
With Stabling	11	Other cycling routes	0
Horsebox parking	0	Services	16
Vets and Farriers	0	Attractions	11
Riding Schools	0	Events	1
Tack Shops	0	Photos	7
Water Stops	0	Circular Linear Walks	0
Other horse riding routes	0	Link Routes	1

## appendix 2 – typical itinerary and distances

The trail is usually completed in 9 days and so most guidebooks describe it in 9 Day sections :

1 Knighton *	Felindre	16m	25.6km
2 Felindre	Abbeycwmhir	16m	25.6km
3 Abbeycwmhir	Llanidloes	15m	24km
4 Llanidloes	Dylife	18m	28.8km
5 Dylife	Machynlleth *	15m	24km
6 Machynlleth *	Llanbrynmair	16m	25.6km
7 Llanbrynmair	Llanwddyn	17m	27.2km
8 Llanwddyn	Pontrobert or Meifod	12 or 15m	19.2 or 24km
9 Pontrobert or Meifod	Welshpool *	14 or 11m	22.4 or 17.6km

Other itineraries split the route into 13 days to Welshpool plus an extension of between 2-4 days via the Offa's Dyke path back to Knighton.

The usual method of return from Welshpool to Knighton is via taxi, personal transport or train/bus via Shrewsbury.

## **appendix 3 - route descriptions from National Trails site:**

### **Knighton to Llangunllo – 6.5 miles (10.5 Km)**

Knighton is called Tref-y-Clawdd in Welsh which translates as “the town on the dyke”. Two National Trails – Glyndwr’s Way and the Offa’s Dyke Path meet here. Glyndwr’s Way starts with an immediate ascent up a cobbled street from the clock tower in the centre of town. It meanders easily out of Knighton and then climbs through quiet Radnorshire pasturelands. The section winds down through trees to reach the tranquil village of Llangunllo and ends at the war memorial. With good planning you can catch a train back to Knighton from the station a mile out of the village.

### **Llangunllo to Felindre – 9.3 miles (15 Km)**

The Trail takes you up over farmland onto the wild moorland of Beacon Hill – one of the most open and attractive parts of the route. In late summer the heather turns the landscape purple as far as you can see. The hills and moors gradually give way to farmland again as you drop into Felindre.

### **Felindre to Llanbadarn Fynydd – 7.5 miles (12 Km)**

You leave Felindre through grassy fields and later meet a quiet country lane. Then it is up and over the lonely, high pastures past the ancient earthwork of Castell y Blaidd (Castle of the Wolf) and then an easy walk down into Llanbadarn Fynydd.

### **Llanbadarn Fynydd to Abbeycwmhir – 8.3 miles (13 Km)**

From Llanbadarn the trail quickly ascends to the open moorland again providing wonderful long views to east and west. When you have passed the trig point on Ysgwd Ffordd at 440 metres it is downhill all the way to the long lane that takes you into Abbeycwmhir.

### **Abbeycwmhir to Blaentrinant – 6.8 miles (11 Km)**

Abbeycwmhir takes its name from a Cistercian abbey founded in 1143. Little of it remains today but the village has a very attractive church that is always open. The Trail takes you past the church on a sunken green lane, climbing gently up and down through forestry and fields. The section ends at Blaentrinant but there is no village or B&B here so it is best to walk on to Llanidloes.

### **Blaentrinant to Llanidloes – 8.3 miles (13.5 Km)**

From Blaentrinant to Llanidloes the Trail zigzags through some of the most picturesque and hilly countryside on the route. You will see a windfarm high up on the hills above you as you drop steeply down towards the watery valley bottoms clothed in drifts of old woodland. You will have earned the rest when you arrive in the lively town of Llanidloes with many pubs and cafes at your service.

### **Llanidloes to Afon Biga – 9 miles (14.3 Km)**

The Trail starts at the lovely old Market hall in the centre of Llanidloes. It crosses the river Severn and then makes its way towards the spectacular Clywedog Dam and the impressive ruins of Bryntail mine. Shortly afterwards you arrive on the shores of Llyn Clywedog and later climb high above the reservoir on the way to Afon Biga. The picnic site here is a lovely place to stop for a paddle in the stream.

### **Afon Biga to Aberhosan – 9.3 miles (14.7 Km)**

This section will see you walking up to the old roman road above Dylife. Watch out for the green remains of a fortlet as you pass along the route used by Roman soldiers nearly two thousand years ago. A little later you will encounter the spectacular Clywedog Gorge and shortly afterwards you will be walking over the moorland surrounding Glaslyn. Foel Fadian (564 metres) looms above the track and it is well worth the detour to the trig point and to see the spectacular 360 degree views from the top. Although there is no accommodation at Aberhosan there are options at Staylittle and Dylife so if you would like to explore this fascinating area in depth you will receive a warm welcome.

### **Aberhosan to Machynlleth – 9.5 miles (15.3 Km)**

A demanding climb awaits you here as you walk on quiet lanes and then farm track up towards Cefn Modfedd. Then a walk through forestry towards the green track high above Cwm Cemrhiw. This leads you to a long section of felled forestry and common land high above Machynlleth and will bring you down into the town via the ‘Roman Steps’. Owain Glyndwr was crowned Prince of Wales and established his parliament here in 1404. Machynlleth is a vibrant and entertaining town especially on the Wednesday market day.

### **Machynlleth to Cemmaes Road – 8.7 miles (14.3 Km)**

You start again from the Owain Glyndwr Centre and walk along the road over the golf course to Forge and soon after to Penegoes. Between Penegoes and Cemmaes road you are again up on high land although you will briefly drop down to the village of Abercegir in between.

### **Cemmaes Road to Llanbrynmair – 6.8 miles (10.8 Km)**

Once you leave Cemmaes road you are very quickly immersed in the rolling hills of this section. Later there is a short section of forest road and then you have a long walk down a ‘dragon’s back’ of a hill towards Llanbrynmair with fantastic views all around.

### **Llanbrynmair to Llangadfan – 10.3 miles (16.5 Km)**

The steep climb out of Llanbrynmair is well worth it when you gain the high ground and can enjoy the views down into the valley below. After a section of forestry and a long road through a wide river valley you will climb up onto Pencoed common. Up here it is quite likely that you will only have the ponies for company. It is difficult to believe that the pleasant village of Llangadfan is only three or four kilometres away.

### **Llangadfan to Llanwddyn – 6.5 miles (10.5 Km)**

Soon after leaving Llangadfan you will enter the huge plantation of Dyfnant forest. The forest caters for all users of the countryside so look out for carriage drivers on the ‘Rainbow trails’. When you eventually leave the forest you will be approaching Lake Vyrnwy. You will have started your descent when you catch a first glimpse of the great arched dam. The area is very popular with tourists so there are plenty of places to eat and drink here.

### **Llanwddyn to Dolanog – 8.3 miles (13.3 Km)**

The hardest part of the trail is behind you now although there are still ascents to be done.

Between Llanwddyn and Dolanog you are in more gentle farmland and valleys. The riverside walk out of Pont Llogel is particularly pleasing.

### **Dolanog to Meifod – 7 miles (11 Km)**

The section starts with a lovely riverside and woodland walk along and above the river Vyrnwy. Keep an eye out for the old Quakers Meeting House a couple of kilometres out of Pontrobert, it is surrounded by trees so is very easy to miss. The pleasant walking continues all the way into Meifod village.

### **Meifod to Welshpool – 10.8 miles (17.5 Km)**

An enjoyable ascent from Meifod through the woodland of Broniarth Hill is the first challenge on this section. Thereafter walking on quiet lanes and pastureland brings you to the very final ascent up Y Golfa. From the trig point on the top there is a 360 degree panorama which is truly stupendous. After that it is all down hill to the shops, pubs and cafes of Welshpool. You have walked Glyndwr’s Way.

## **appendix 4 - guidebooks**

[Glyndwr's Way National Trail Guide](#), Kittwake Books, 2014 by David Perrot

[Glyndwr's Way Guide](#) Cicerone, 2014, by Paddy Dillon

[Glyndŵr's Way guide](#) 2012 by Mike Slater 32 page booklet

[Owain Glyndŵr's Way](#), Llygad Gwalch Cyf 2001 by Richard Sale

Walks in the Dyfi Valley, Dave Perrott, Kittiwake

Walks Around Machynlleth, Thompson & Olssen, Kittiwake

More Walks to Waterfalls, Des Marshall, Kittiwake

Walks Around Welshpool, Kirsten Spencer, Kittiwake

Walks Around Meifod, Mike Lister, Kittiwake

Walks around Pumlumon, Roger Handley, Kittiwake

Walking Around Rhayader, Martin Wright, Kittiwake

Walks around Llanidloes, Richard Dix, Kittiwake

Walking Mid Wales Nature Reserves, Jane Griffiths, Kittiwake

Walks Around Knighton, Jane Griffiths, Kittiwake

Great Walks from the Heart of Wales Railway, David Perrott and Les Lumsdon, Kittiwake

Pictorial Guide to the Mountains of Snowdonia 4: The Southern Peaks, John Gillham

Mid Wales My Way, Powys County Council

Mountain Bike Guide – Mid Wales and the Marches, Jon Dixon, The Ernest Press

The Drovers Roads of the Middle Marches, Wayne Smith, Logaston Press

Real Powys, Mike Parker, Seren

The Rough guide to Wales, Mike Parker and Paul Whitfield, Penguin

## appendix 5 - web resources

Accommodation providers and organisations

[Andrew Bowden - Rambling Man blog](#)

[Beds for Cyclists](#)

[CAMRA - What Pub?](#)

[Cool Camping](#)

[Dyfi Osprey Project](#)

[Independent Hostels Guide UK](#)

[Kevin Blount – Damn Fine Views Blog](#)

[Montgomery Wildlife Trust](#)

Walking

[The Nation Trails - Glyndwr's Way](#)

[4 Wells Walking Group](#)

[Ann Griffiths Way](#)

[Cambrian Way](#)

[Ceredigion Coast Path](#)

[Bishops Castle Ring](#)

[Dyfi Valley Way](#)

[East Radnor walking group](#)

[Jack Myton Way](#)

[Kerry Ridgeway](#)

[Long Distance Walkers Association](#)

[Mortimer Trail](#)

[Montgomery Canal](#)

[Offa's Dyke Association - Glyndwr's Way Accommodation](#)

[Powys Transport Map](#)

[Powys CC - Explore Mid Wales](#)

[Powys CC - Libraries](#)

[Powys CC - Leisure Centres](#)

[Radnorshire Wildlife trust](#)

[RSPB](#)

[Sustrans](#)

[Offa's Dyke National Trail](#)

[Pererindod Melangell](#)

[Powys Ramblers](#)

[Radnor Forest Trail](#)

[Sarn Sabrina](#)

[Severn Way](#)

[Shropshire Way](#)

[Taith Arddudwy Way](#)

[Wats Dyke Way](#)

[Wales Coast Path](#)

[Wye Valley Walk](#)

[Trails Mid Wales](#)

[Walkers Are Welcome](#)

[Welshpool Ramblers](#)

### Videos:

The trail has been featured in [Radio 4's Ramblings](#) with Clare Balding and featured walking part of the middle section.

Paddy Dillon, one of Britain's most prolific outdoor writers and photographers and the author of one of the principle guidebooks for the trail, has also done an excellent [You Tube clip for the Glyndwrs Way](#), nine days in nine minutes:

Some other [videos](#) have also been posted by individuals who have walked the trail.

## appendix 6 – source data

We would like to record our thanks and appreciation to the people and individuals who have helped us track down or supplied data:

Cadw	historic buildings, monuments, parks and gardens
Canal and Rivers trust	canals and infrastructure
Dragon Montgomery Wildlife Trust	wildlife reserves
National Trails Website	accommodation providers
National Resources Wales	long distance trails and Wales wide Public Rights of Way
Ordnance Survey	variety of spatial data including basemaps, contours, vector data for roads, settlements etc
Powys County Council	trail data, public libraries, bus routes
RSPB	reserves and bird areas
Shropshire County Council	individual trails and Public Rights of Way
Sustrans	cycle routes
Woodland Trust	WT woodlands
various web resources	pubs, shops, places to eat, accommodation, train services

Information on other Walks around the Glyndwr's Way was gleaned from various guidebooks and town websites, Kittiwake guides were extremely useful in this respect.

Complete route data for the Severn Way , Wye Valley Way, Cambrian Way (all major routes) is not yet available

Produced July 2015

The digital **landscape company** are a GIS mapping and I.T consultancy, specialising in environmental mapping in the conservation, recreation, woodland and wind energy sectors and small business systems & support. The company has is based in Mid-Wales and works all over the country. It is due to celebrate its 15<sup>th</sup> anniversary next year.

Digital Landscapes, Flat 17 Liverpool House, Heol maengwyn, Machynlleth SY20 8EB **m** 07788 747074 **e** [jon@theDLC.co.uk](mailto:jon@theDLC.co.uk) [www.theDLC.co.uk](http://www.theDLC.co.uk)

**Dragonfly Solutions** are an admin and office automation specialist based in Llanidloes, who did much of the preliminary work on this project.

Troed y Rhiw, Glan-y-Nant, Llanidloes, SY18 6PQ      **t** 01686 411166 **e** [info@dragonflysolutions.co.uk](mailto:info@dragonflysolutions.co.uk)