Map Data Cymru
Data Map Wales

Rydych chi mor ofodol; gadewch i ni ymgysylltu!

You're so spatial; let's get engaged!

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7th September 2023

Amlinelliad
Outline

- Engagement tool timeline

- Developments so far

- Future developments

- Closing remarks and key takeaways

- Q&A

https://datamap.gov.wales/survey/foss4g-travel

Esblygiad yr offeryn ymgysylltu
The evolution of the engagement tool

Pre-engagement tool

Active Travel

September 2021

First iteration

National Forest

Second iteration

Cadw engagement

Summer 2023

Further improvements

Automating response layers

Future

Active Travel

Offeryn cyn-ymgysylltu – Teithio Llesol

Pre-engagement tool – Active Travel

- Made tweaks to allow DMW maps to be embedded – this allowed for Table of Contents and feature information panel to display

- Saw the limitations of existing spatial engagement tools with regards to:
  - Base maps
  - Not displaying overlay layers/can't interact with overlay layers
  - Can't select features on a map as part of a response

- Using standard Django open source data package

Iteriad cyntaf – Coedwig Genedlaethol

First iteration – National Forest

- Drop a pin on a map – capture coordinates, but no constraints or validations

- Basic question types

- Could display layers, but couldn't interact with layers – view only

- 1458 responses

Where should we grow our National Forest for Wales

The National Forest for Wales is a unique venture to establish a nationwide network of publically accessible woodlands and forests.

This is your opportunity t[...]
see how we can grow the[...]

On the map below, you'll[...]

Help us to understand wh[...]

1. You can zoom into stre[...]
   - using the '+' and '-'[...]
   - double-clicking on t[...]
   - on a desktop or lap[...] map
   - on a mobile, you ca[...]

2. Click on a point on the[...]

3. Click 'Submit' at the bo[...] information below.

We will look at all the loc[...]
where we can put the rig[...]
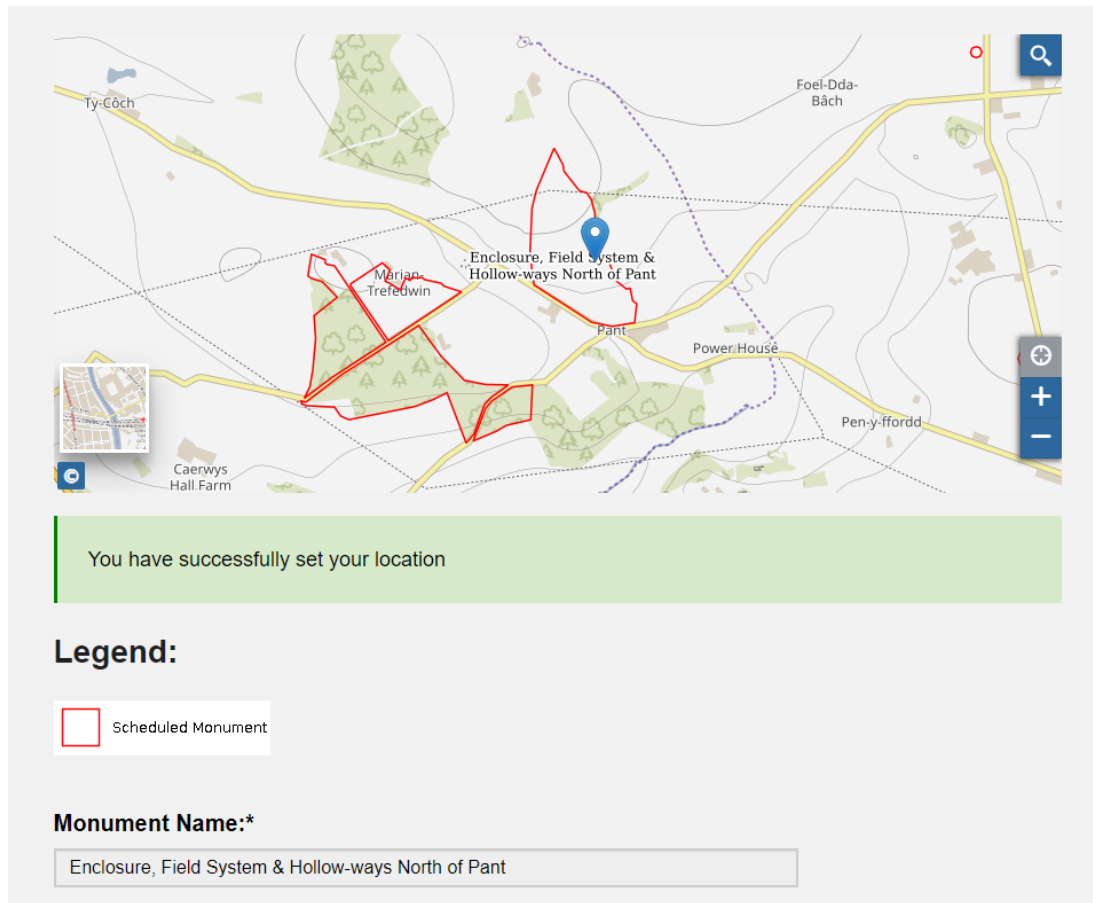Forest. Please note the u[...]

We would like to understand more about your interest in woodlands, trees and the National Forest.

You can help us to focus our advice and support in the right areas by ticking the boxes below if you agree with the statements and providing us with the first part of your postcode (ie the letters and numbers before the space, for example LL18 or CF14).

☐ I am supportive of the National Forest for Wales

☐ I would like to see more woodlands near my home

☐ I would consider joining a Woodland Community group

☐ I would like to see more trees grown in towns and cities

You're so spatial; let's get engaged!

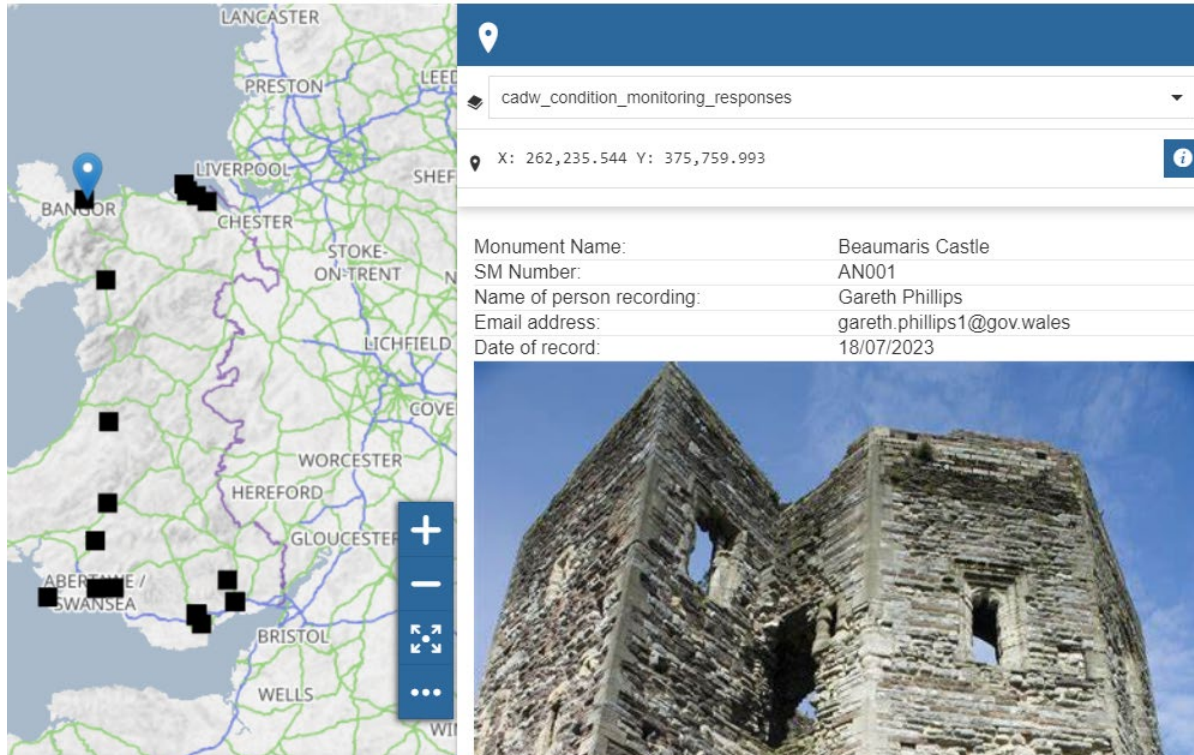# Ail iteriad – datblygiadau Cadw

Second iteration – Cadw developments

- Validations introduced – zoom level, layer validation, feature validation
- Pull through info as part of a response – select a feature
- Image uploader introduced
- Locate me prompt

Gwelliannau pellach – ymatebion i'r arolwg
Further improvements – survey responses

cadw_condition_monitoring_responses	

X: 262,235.544 Y: 375,759.993

Monument Name:	Beaumaris Castle
SM Number:	AN001
Name of person recording:	Gareth Phillips
Email address:	gareth.phillips1@gov.wales
Date of record:	18/07/2023

- Work done to automate the process of generating survey responses as a spatial layer

- Nicely formatted feature info

- Images rendered out properly

- Challenge with picklists and checkboxes, etc. – had to be manipulated so that the data displayed correctly

Arolygon eraill
Other surveys

- 25 surveys

- Bridgend Active Travel survey – prize incentive!
  - 221 users
  - 226 responses

- Digital inclusion survey
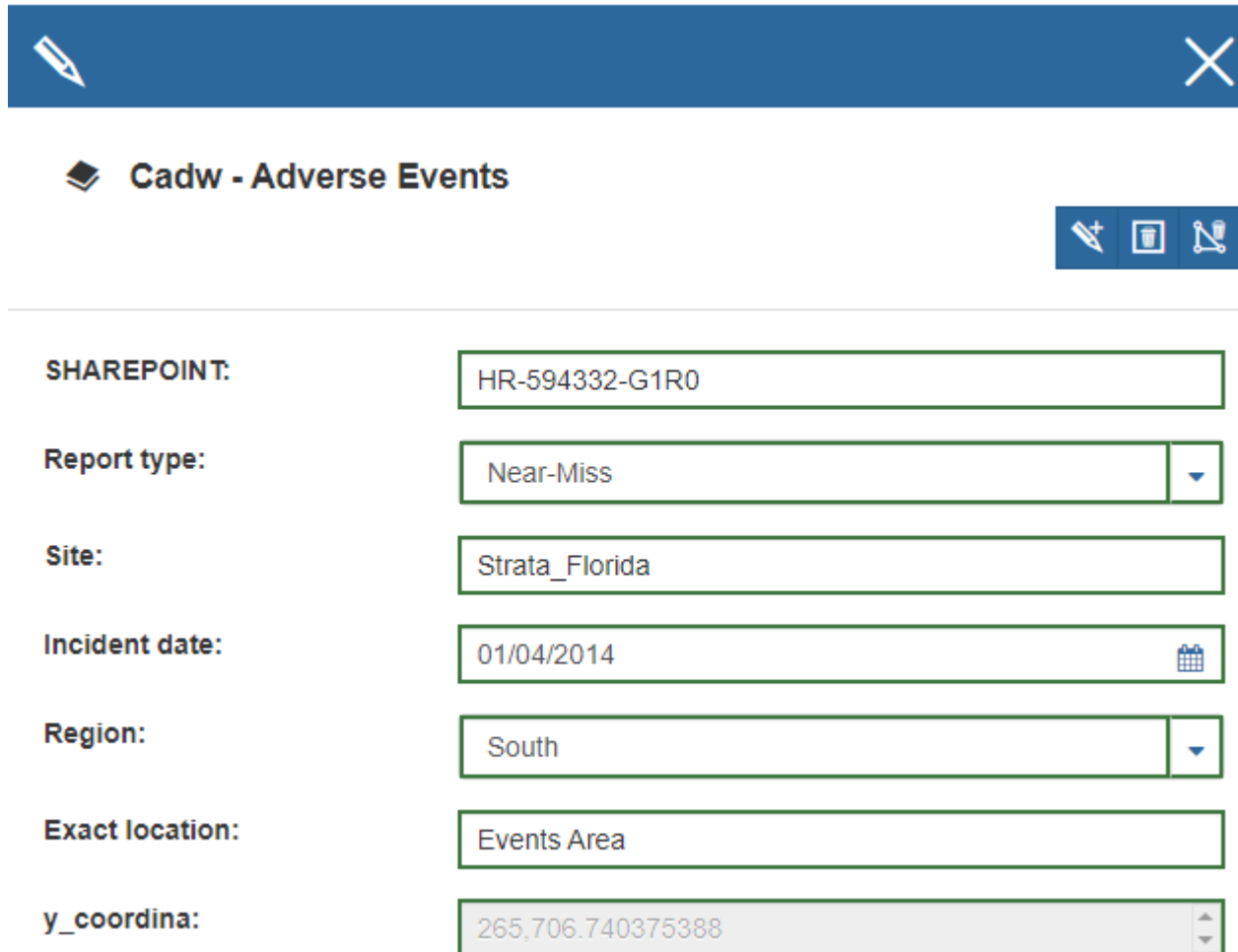 - 113 users
  - 188 responses

Datblygiadau yn y dyfodol
Future developments

- Looking at moderation process for approving survey responses so they become publicly viewable

- Map per question rather than per survey – AT asking users to place benches and bins along a proposed route

- Validation models we have used for surveys can be reused for more general data collection on a map – use the same validations when users are editing data on a map

- Look at allowing users to capture lines or polygons as part of a survey

Datblygiadau yn y dyfodol
Future developments

- In parallel also been improving data editing in DataMapWales as well – new editable feature info panel to allow users to edit in form fields with different widgets, rather than in table

- For future projects, we have greater options in terms of user engagement – surveys more appropriate for simple spatial data collection. Maps more suited for complex spatial data collection and simpler fields

- In future, the two could merge so that surveys don't sit on Django pages, but are integrated into mapstore

Diolch | Thank you

Any questions?

Contact us:
dmwsupport@gov.wales

https://datamap.gov.wales/survey/foss4g-pin-the-pub