

CITiZAN



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Why now?

- Accelerating erosion
- Increasing frequency and ferocity of storm events

Our island's history is washing away



3 March 2013 Last updated at 15:14



Coastal erosion and flooding review in Sunderland

Plans to deal with erosion and flooding on the Wearside coastline are being put out to consultation.

The six-week process is being carried out by Sunderland City Council.

The council wants to determine the level of coastal erosion and tidal flood risk over the next 100 years.

"As a city with such a long coastline and riverfront, this is a very important piece of work," council city services portfolio holder James Blackburn said.

"Consultation is a key part of the development of the strategy."

The council said it needed to find funding and balance residents' needs with cost and environmental requirements.



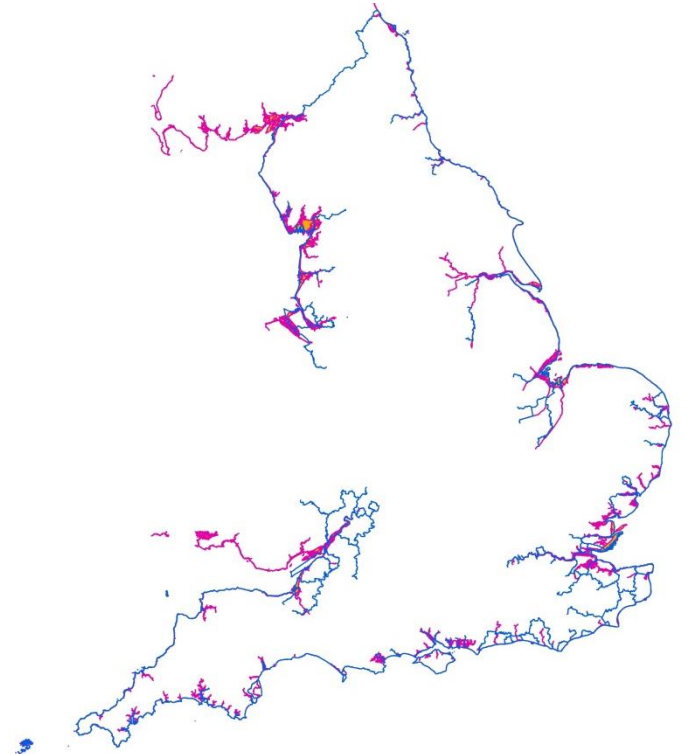
The review covers Whitburn to Ryhope and includes the Port of Sunderland



Thames Discovery Programme to...



CITiZAN Coastal and Intertidal Zone Archaeological Network



Baseline data

- National Record of the Historic Environment
- Rapid Coastal Zone Assessments (English Heritage)

Site / feature types

- Submerged Settlements, forests
- Coastal buildings
- Hulks
- Salt production sites
- Nautical structures
- Prehistory to present day



Project Partners



Council for
British Archaeology
York



London



Portsmouth

CITiZAN: national proposal

- New and existing community groups trained to survey/monitor archaeological sites and features threatened by exposure/ erosion on coast and in intertidal zone
- Standardised recording format: quality controlled central database
- Compatible with similar work in Scotland & Wales

1998



2008



2009

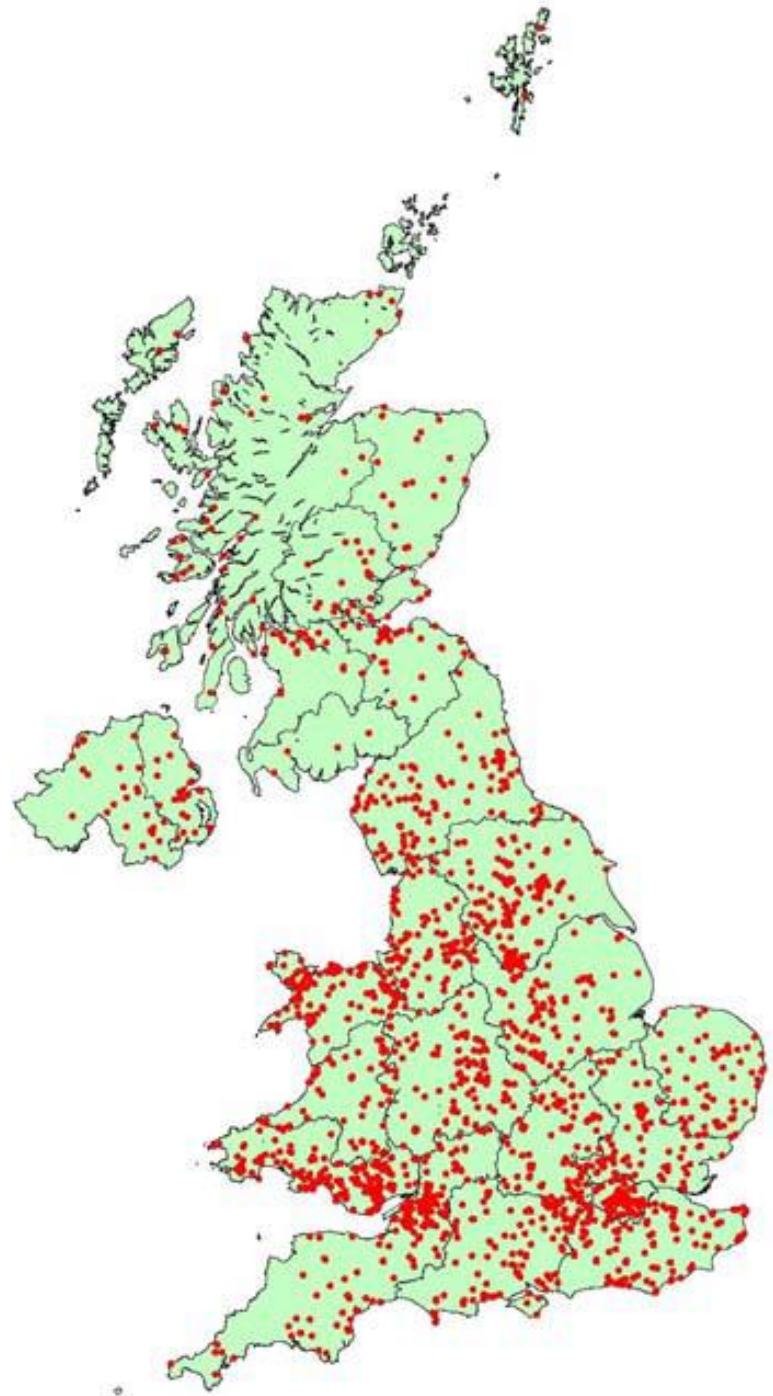


2014



CITiZAN: NETWORK

- Bringing groups together who are already working in the intertidal and coastal zone
- *Right:* Map of the UK showing the distribution of all groups known to the CBA that engage with archaeological heritage (Thomas 2010, fig. 3)



CITiZAN project timeline



2014

**Development
Phase**

2015

**Delivery
Phase –
set-up**

2015-17

Delivery Phase

2018

**Delivery
Phase -
handover**

2018

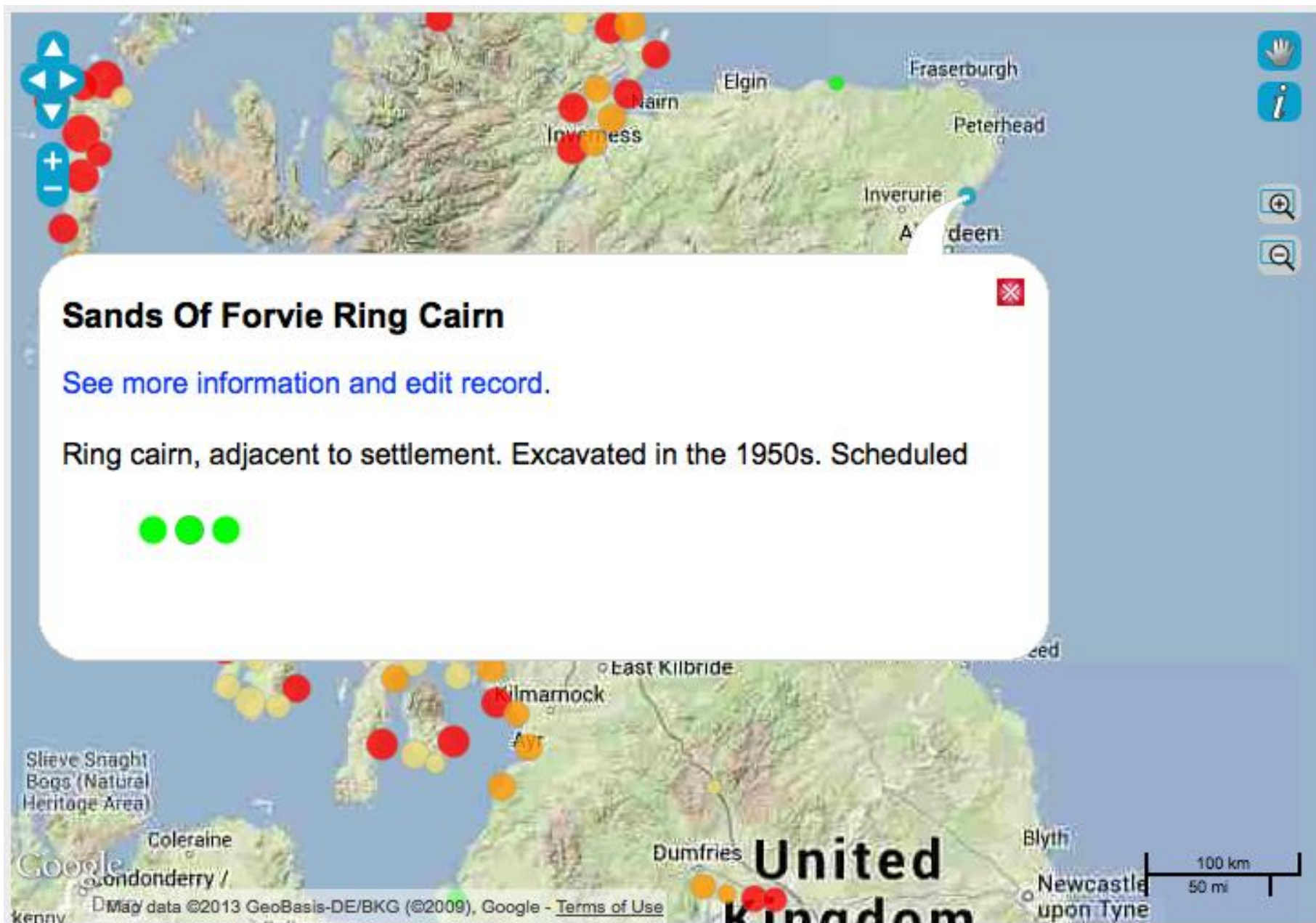


CITiZAN: Online monitoring

Modelled after Scotland's Coastal Heritage at Risk



CITiZAN Online monitoring: sites



CITiZAN Online monitoring: site records

Sands Of Forvie Ring Cairn (12666)

East: 401080

North: 826280

Site Type:

Period:

Ring cairn, adjacent to settlement. Excavated in the 1950s.

Scheduled

Condition and current recommendations:

Condition:

Action:

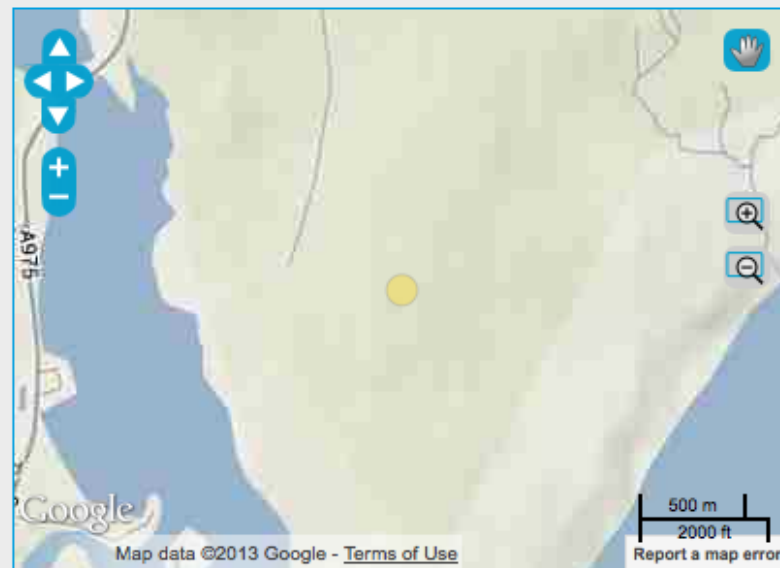
Over to you...

If you know there are errors in the original site record you can [edit the original record](#) here

If you would like to visit the site and carry out a ShoreUPDATE survey, you can [prepare a ShoreUPDATE pack for this site \(PDF\)](#) here.

If you want to use your smart phone to carry out the ShoreUPDATE survey, you can [download the app](#) here.

If you have completed a field survey of this site, you can [submit your ShoreUPDATE record](#) here.



- ☒ Google Physical
- ☐ Google Satellite
- ☐ Google Hybrid
- ☐ Bing Road Map
- ☐ Bing Satellite
- ☐ Bing Hybrid

Other records:

NMRS: [20856](#)

SMR: Unknown

CITiZAN Online monitoring: editing records

Site name: Sands of Forvie ring cairn

East: 401080

North: 826280

Site Type:

Period:

Description:

Ring cairn, adjacent to settlement.
Excavated in the 1950s. Scheduled

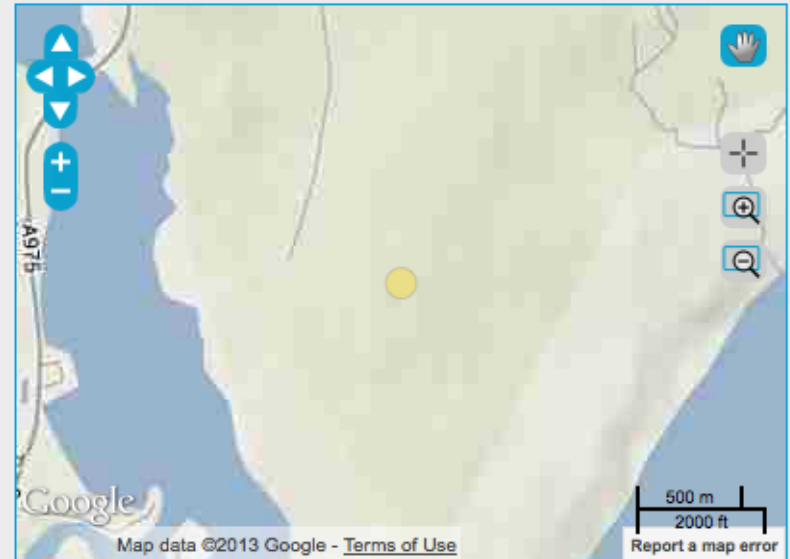
Condition and current recommendations:

Condition:

Action:

Comments:

[Cancel](#)



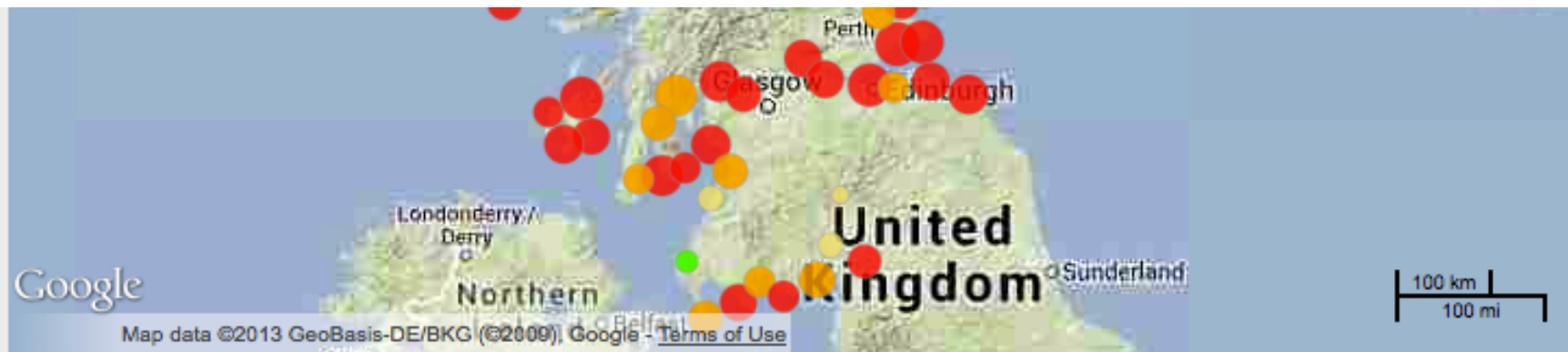
- ☒ Google Physical
- ☐ Google Satellite
- ☐ Google Hybrid
- ☐ Bing Road Map
- ☐ Bing Satellite
- ☐ Bing Hybrid

Other records:





NMRS number:

SMR number:





CITiZAN Online monitoring: add a new record



Map markers

-  high-priority site
-  medium-priority site
-  low-priority site
-  newly-recorded site

Map controls

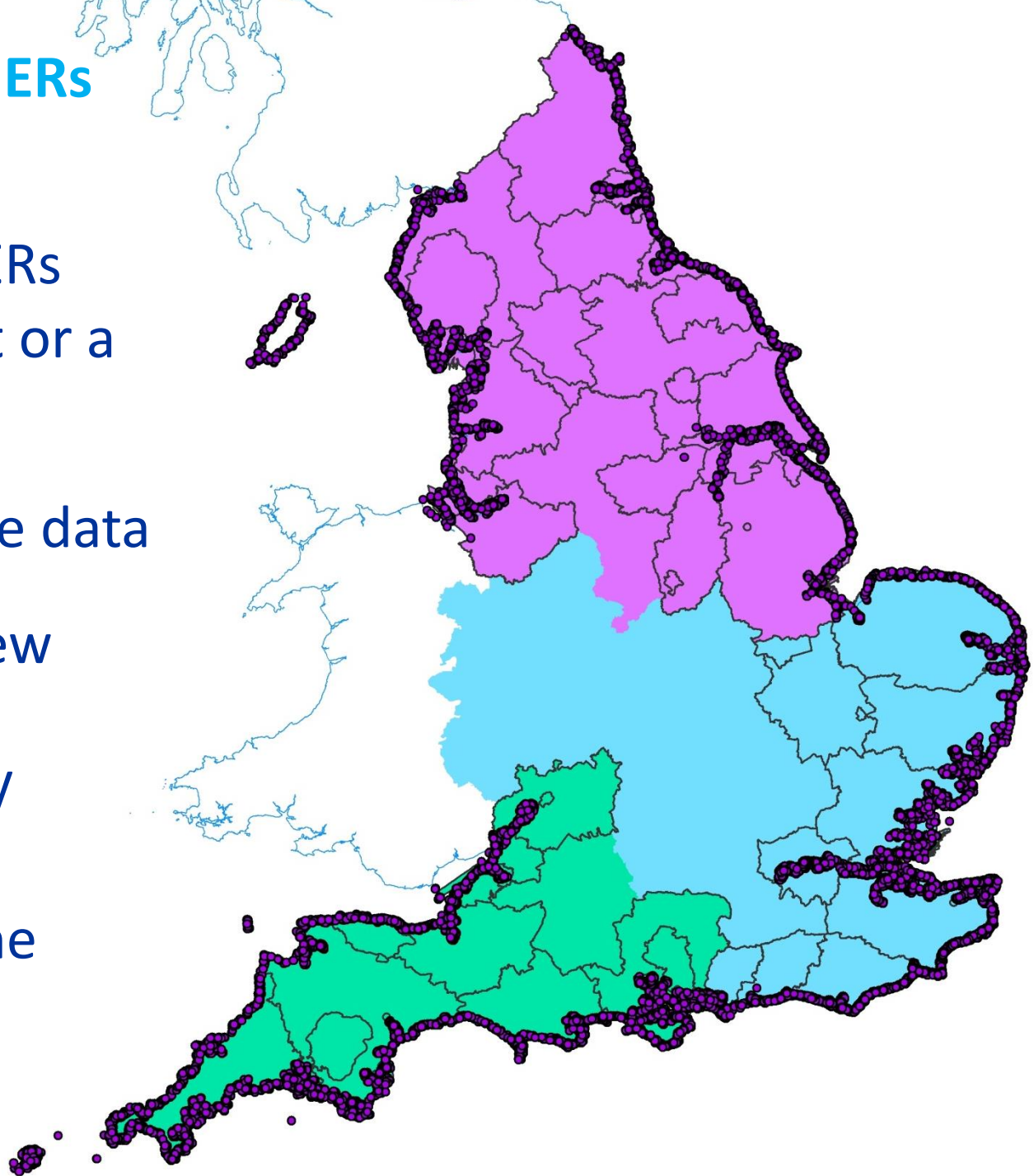
-  pan around the map
-  select a site and see further information
-  zoom in; drag a box to define an area
-  zoom out; drag a box to control extent

You can select a map view or an aerial photograph view - or both - in the *Choose Map* box.

If you know of a site that is not recorded or have found a potential new site whilst exploring the map, you can [add a new site](#).

CITiZAN and the HERs

- 47 out of 84 HERs touch the coast or a tidal river
- NRHE = baseline data
- Enhanced or new records will be exported in CSV format and submitted to the HERs annually



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