# HIAS - Update on the Redevelopment of OASIS

Tim Evans
HERALD Project Manager

- Current OASIS form dates to 2003/4
  - 31,000+ records from England
  - 33,566 reports from England transferred to ADS

- Stage 1 (completed 2015) looked at user requirements for a new form

- Stage 2 is the redevelopment project

# A quick reminder

- Use of modern technologies to facilitate accurate and consistent data

- Easy to use

- Flexible workflows

  - OASIS Lite versus OASIS Standard

- Simple instant transfer of reports into ADS Library

- Records always open!

Database and Java framework

Pre-Alpha testing in Autumn 2018

Alpha testing Spring 2019

Public beta March 2020

- A new database is in place (**PostgreSQL + PostGIS)**

- New data structure
  - Record less core data (but record it better!)
  - Ability to record more for certain projects(OASIS+)

- Java application (i.e. the form) in place

- Workflows mapped (i.e. what happens when!)

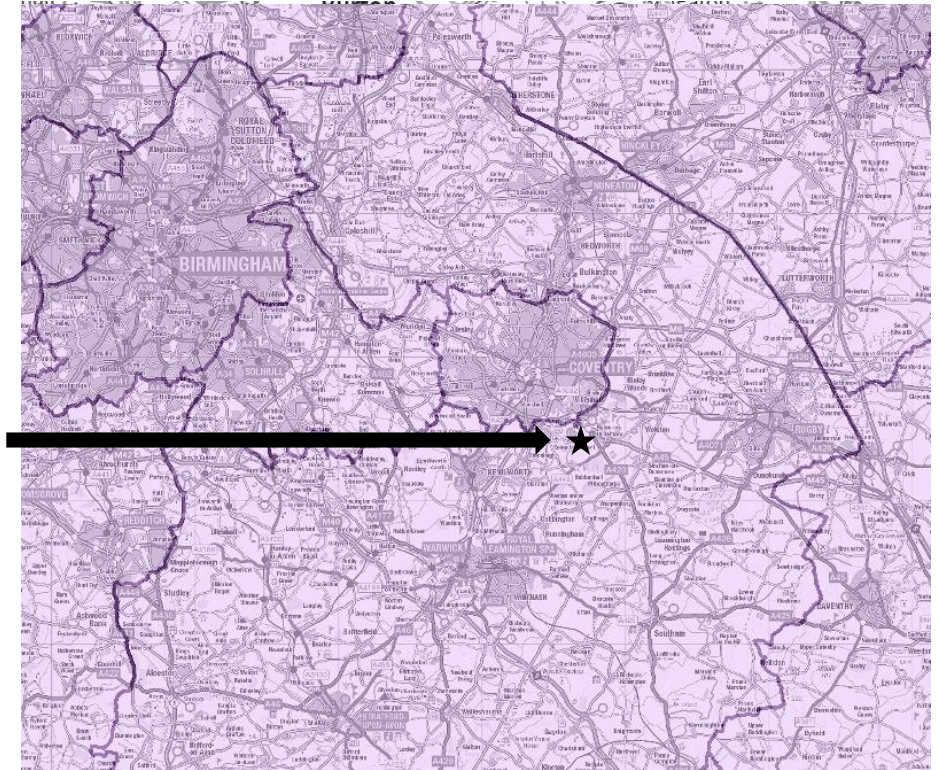- https://oasis.ac.uk/pages/wiki/HERALD

- Mapping old terms to existing heritage thesauri
  - FISH Event Types Thesaurus
  - FISH Archaeological Objects Thesaurus
  - FISH Thesaurus of Monument Types
  - Historic England Periods Authority File

- Mapping old data to new wordlists
  - Reason for investigation
  - Protection Status
  - Archive component
  - Funder type
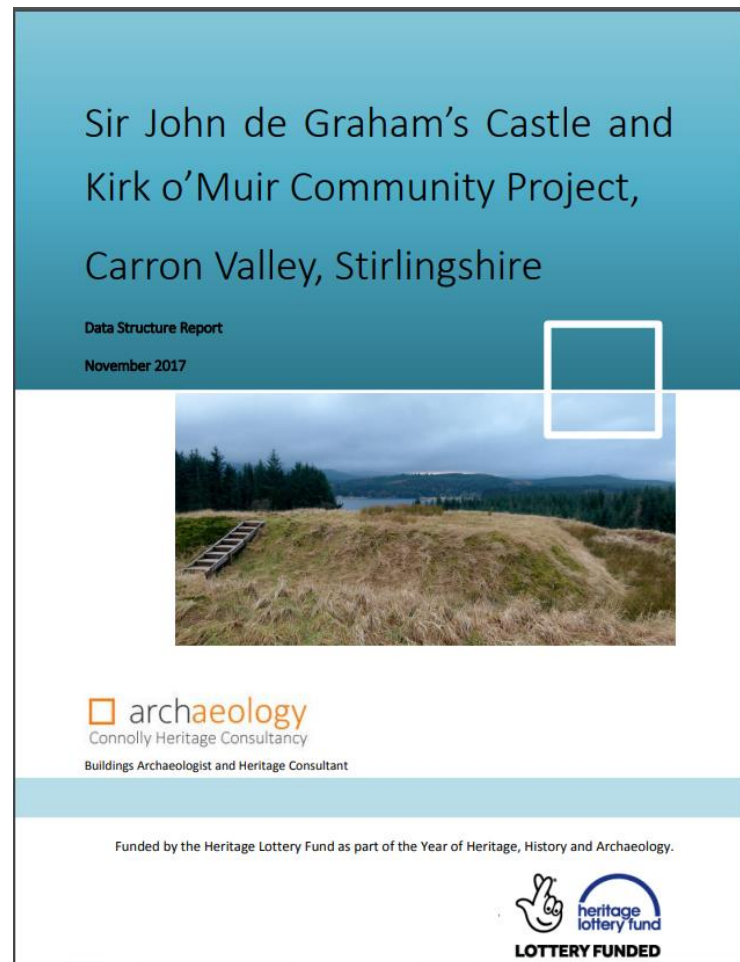  - Development type
  - Associated ID type

# Mapping

- OS admin area

- HER area

- Geology

- Research Framework

- Museums

- Terms extracted from report file (and title and abstract)

- Training data based on mapping exercise

- So for example we know that connolly1-301468 has:

  - ANIMAL BONES

  - POTTERY

  - FISHPOND



Sir John de Graham's Castle and Kirk o'Muir Community Project, Carron Valley, Stirlingshire

Data Structure Report

November 2017

archaeology
Connolly Heritage Consultancy

Buildings Archaeologist and Heritage Consultant

Funded by the Heritage Lottery Fund as part of the Year of Heritage, History and Archaeology.

heritage lottery fund
LOTTERY FUNDED

- Highlight spatially relevant records

- Incorporate research questions
  - Allow user to select their project as answering specific question

- More ambitious: tie in vocabulary terms to research questions

  - e.g. EARLY MEDEIVAL – MONASTERY – WARWICKSHIRE = ????

1. HER testing (now)

2. HER testing (March 2019)

3. Establish level of HER participation

4. HER syncing workshop (January/February 2019)

# Keepup to date with OASIS development

HERALD web site:

http://oasis.ac.uk/pages/wiki/HERALD

Subscribe to the OASIS Blog:
http://archaeologydataservice.ac.uk/blog/oasis

Contact HERALD:

herald@ads.ac.uk

Twitter: @oasis_data