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Powering the Heritage Research Cycle

Developing ways to improve access to information and synthesis of knowledge

Jo Gilham (Archaeology Data Service) and Dan Miles (Historic England)

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Today's presentation

- The national perspective – improving the use of research to support the planning system
- Improving access to information and knowledge - HERALD

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Dan - my role developing research resources

- Support the NPPF & planning decision making
  - Develop up to date knowledge bases and research questions
  - Provide support for experts - Local Authority & Contractors

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Dan - my role developing research resources

- Getting the best research value & therefore public benefit out of the planning system
- Creating knowledge from information
- Promote sectoral collaboration & inclusion

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Making Reference Resources available online

Building a national Zooarchaeological reference resource

Enhancing the Worcestershire on-line ceramic reference resource

Clay Tobacco Pipes for field archaeology

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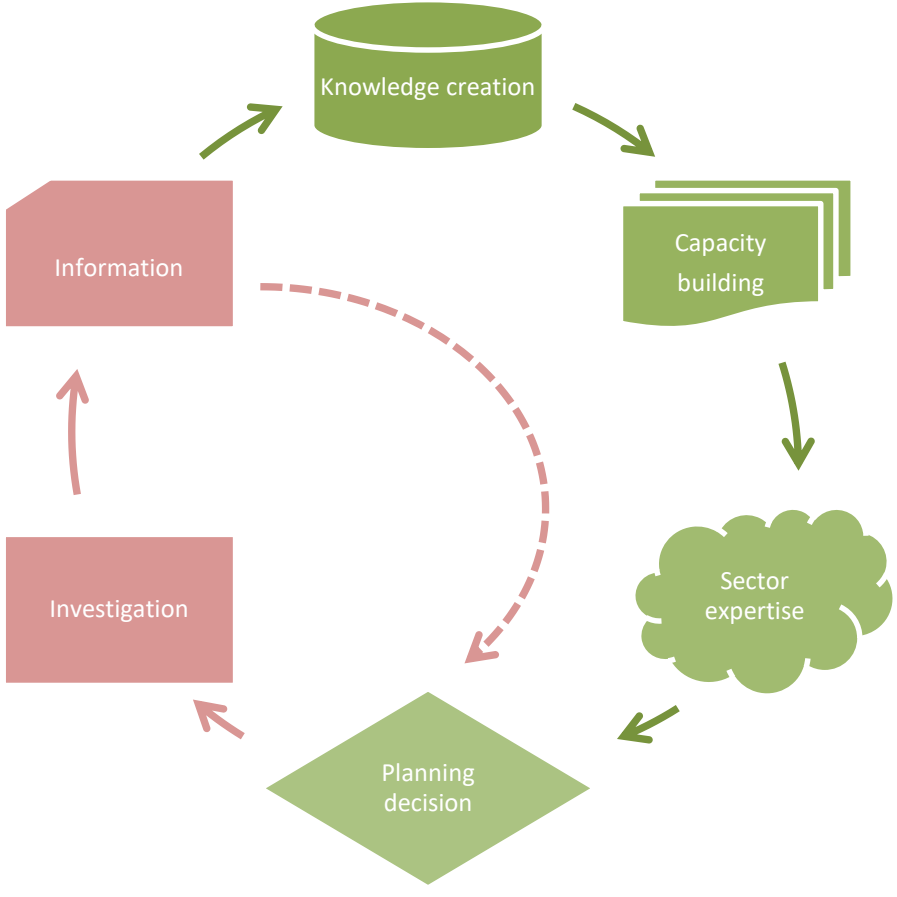
Information & Knowledge Cycle



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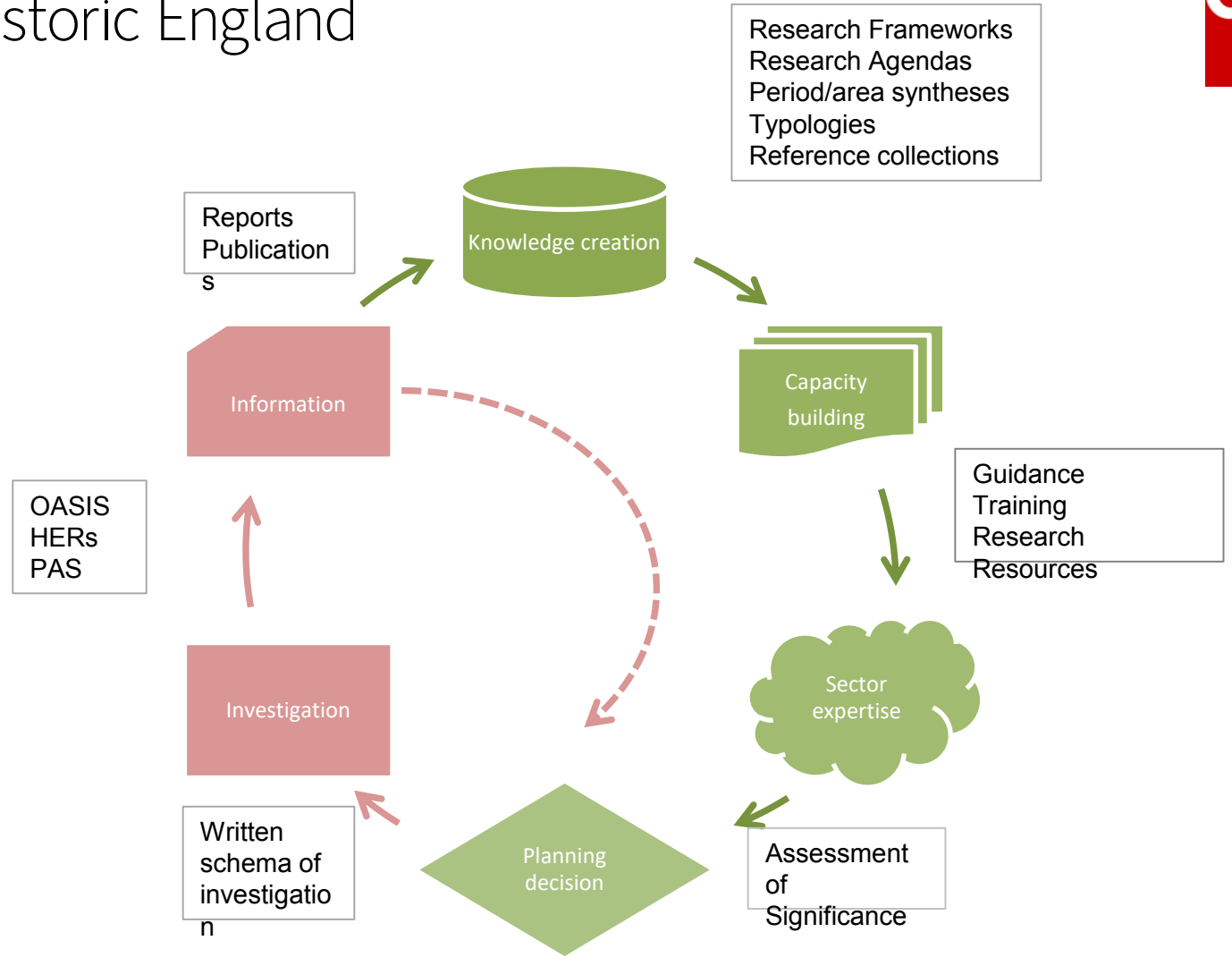

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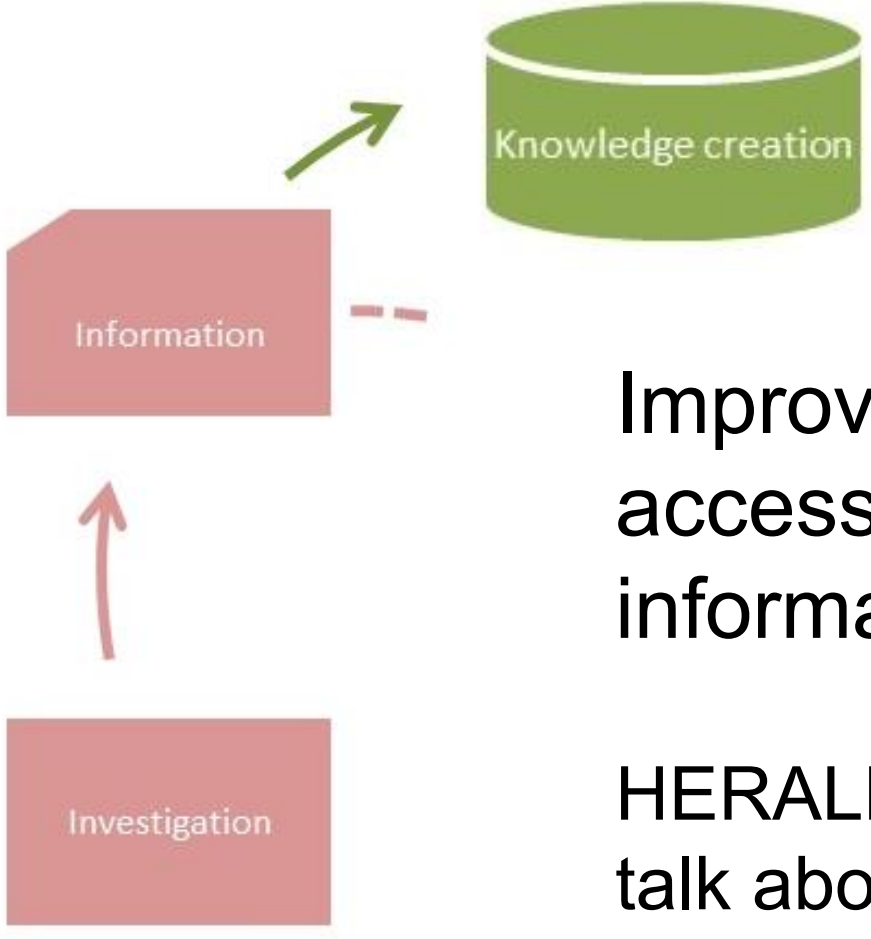

Improving access to information

HERALD – Jo will talk about it!

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So…. knowledge creation and making it more accessible

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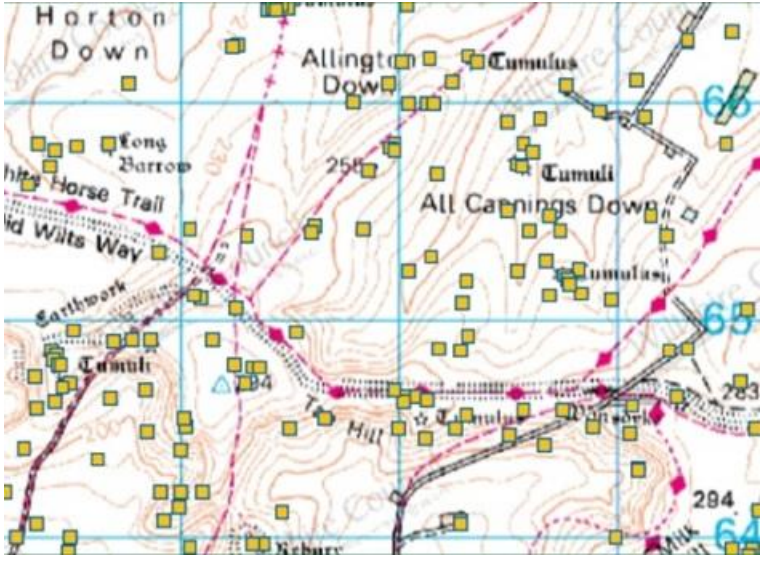
Historic environment data raw ingredients



Research Frameworks are our recipe books

CHOCOLATE MAYONNAISE CAKE

2 cups unsifted flour
½ cup unsweetened cocoa
1½ teaspoons baking soda
½ teaspoon baking powder
1½ cups sugar
2 eggs
1 teaspoon vanilla
1 cup HELLMANN'S or BEST FOODS Real Mayonnaise
1½ cups water

Grease and flour bottoms of 2 (9-inch) round baking pans. In medium bowl stir together first 4 ingredients; set aside. In large bowl with mixer at high speed beat next 3 ingredients, occasionally scraping bowl, 3 minutes or until light and fluffy. Reduce speed to low; beat in Real Mayonnaise. Add flour mixture in 4 additions alternately with water, beginning and ending with flour. Pour into prepared pans. Bake in 350°F oven 30 to 35 minutes or until cake tester inserted in center comes out clean. Cool in pans 10 minutes. Remove; cool on wire racks. Frost as desired. Garnish with sliced almonds. Makes 2 (9-inch) layers.

A conversation piece to make for fun and good eating.

- Combining the ingredients to create a synthesis or “knowledge cake”
- Providing direction on what we want to do next (serving suggestions)

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Creating Online Updatable Research Frameworks

Online

Linked

Integrated

Targeted

Updatable

Useable

Inclusive

Useful

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Revising Research Frameworks

- Easier to use in development-led investigations
- Targeted in areas of high development pressure
- Led by user needs
- More accessible

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Building the Community

North East

East midlands

East of England

North West

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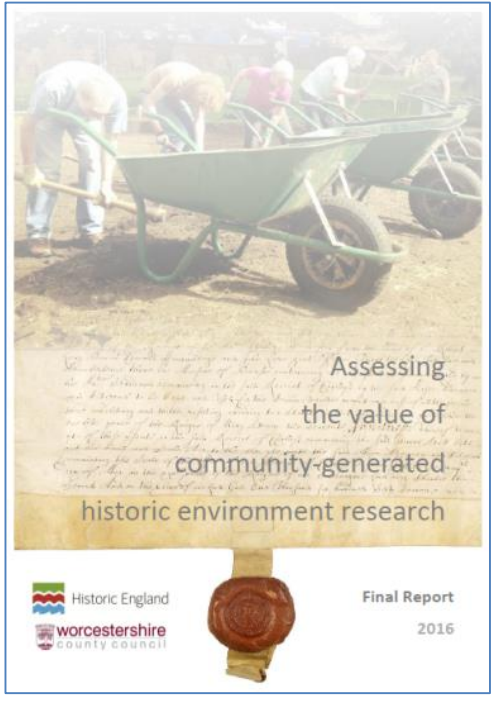
Building the Community



- Local authority curators
- Contractors
- Academics
- Community Groups

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Building the infrastructure

- Building a wiki based platform
- Searchable by location/theme
- Linking it to OASIS & ADS Digital Library
- Standards driven

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Over to Jo!

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What is OASIS/HERALD?

HERALD is the project to redevelop OASIS

OASIS is a data collection form for historic environment investigations – above and below ground

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How does a redeveloped OASIS fit into the research cycle?

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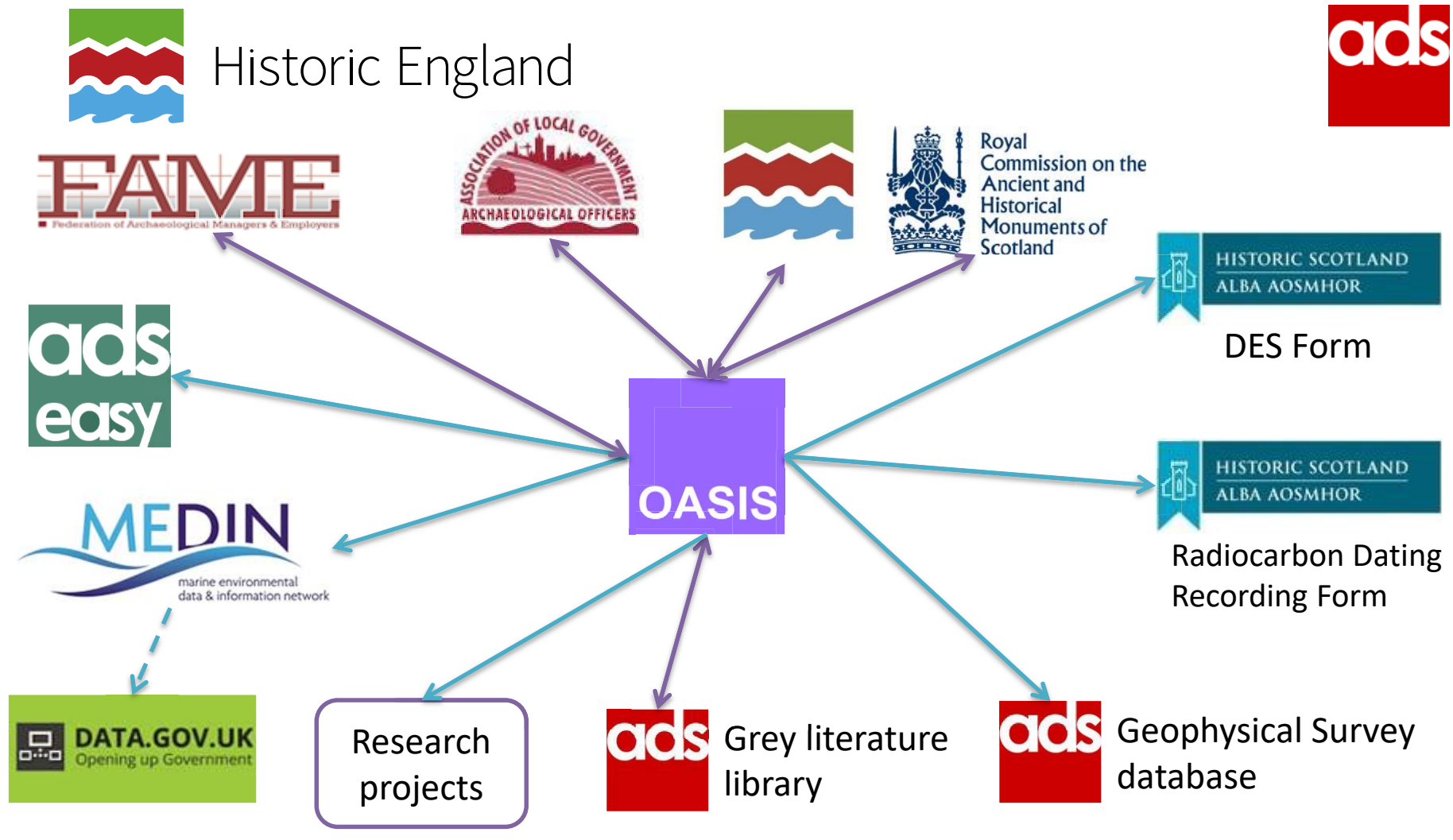
What happens now…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FAME
Federation of Archaeological Managers & Employers
ASSOCIATION OF LOCAL GOVERNMENT ARCHAEOLOGICAL OFFICERS
Royal Commission on the Ancient and Historical Monuments of Scotland
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OASIS
HISTORIC SCOTLAND ALBA AOSMHOR
DES Form
HISTORIC SCOTLAND ALBA AOSMHOR
Radiocarbon Dating Recording Form
MEDIN
marine environmental data & information network
DATA.GOV.UK
Opening up Government
Research projects
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Grey literature library
ads
Geophysical Survey database

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How will the new OASIS be different?

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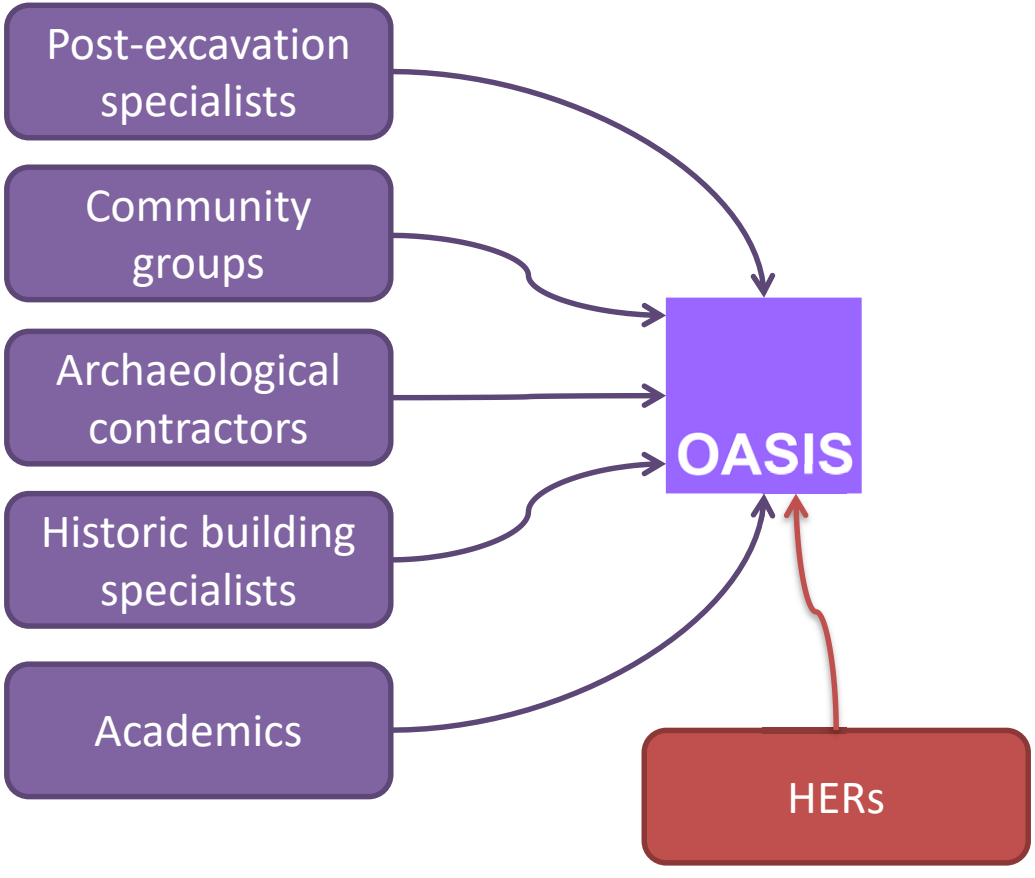

More projects from more widespread sources

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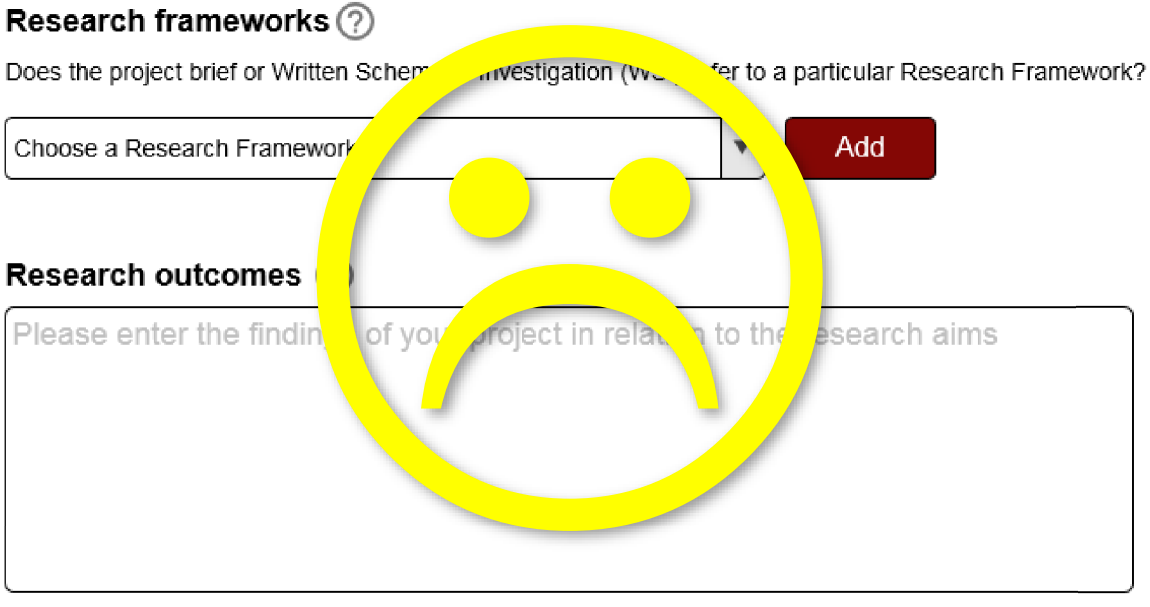
OASIS will have some extra fields



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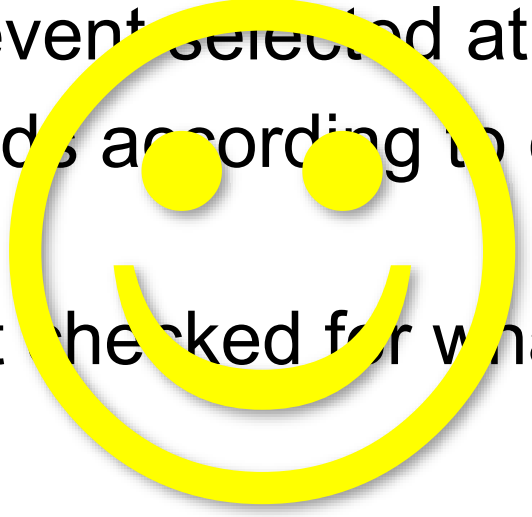
Data entry will be easier

- Location and event selected at the beginning
- Prefilling of fields according to event / organisation
- Report content checked for what where and when terms



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But how do these events get back to the research frameworks?

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Putting it all together

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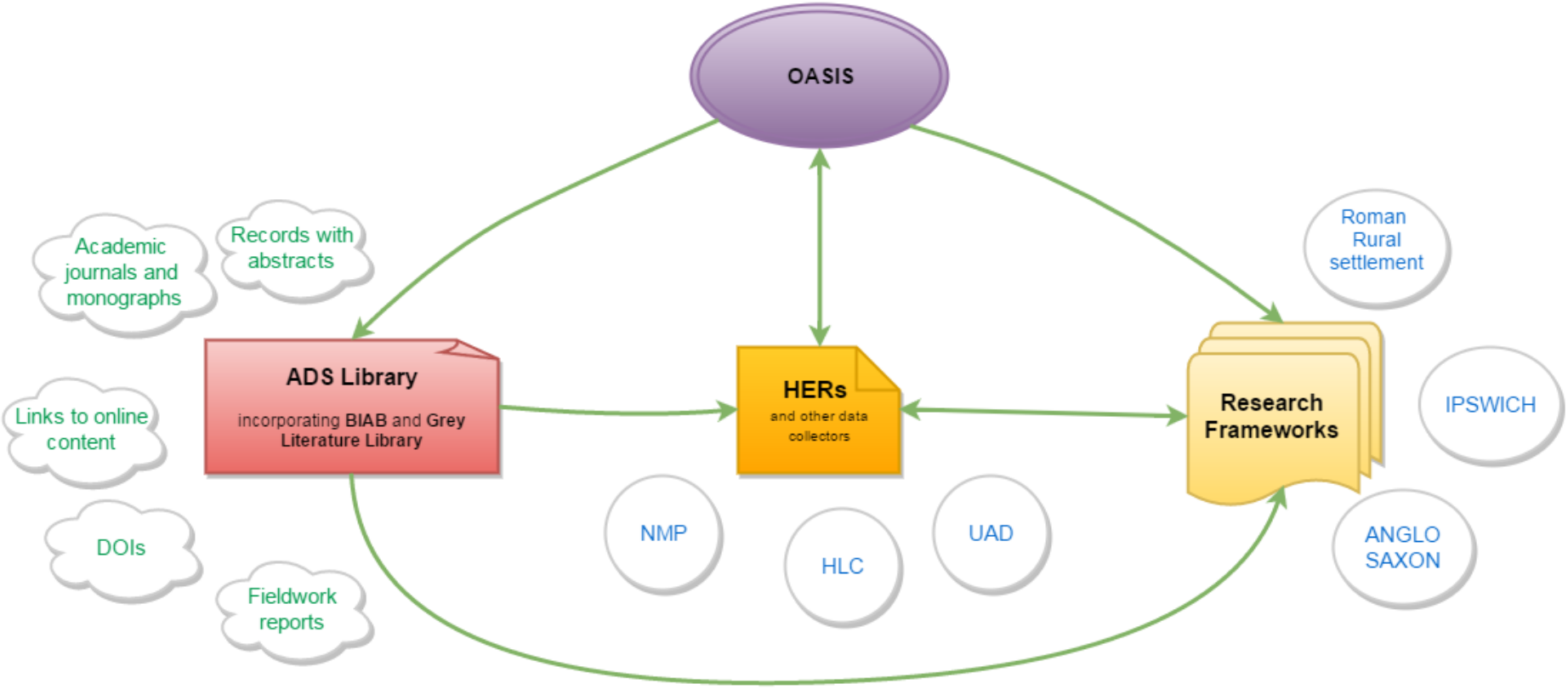

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ads LIBRARY

herald OASIS

ADS Library will be available from Autumn 2016

The redeveloped OASIS will be available in 2018

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Keep up with developments

OASIS

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