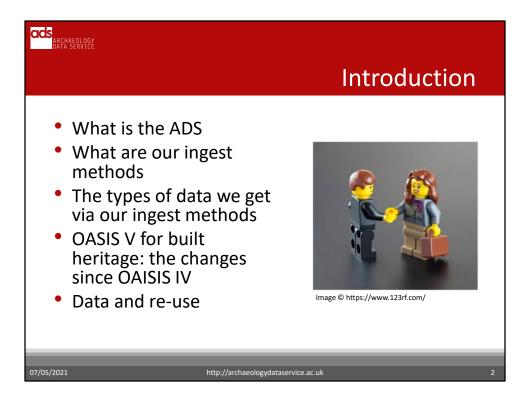


SESSION ABSTRACT

What is Buildings Archaeology, and how can we expect others to value what we do? It is a sub-topic within the wider archaeological discipline, although buildings are an integral part of how landscapes and settlements have developed since the medieval period. We use the same principles of stratigraphy, the same techniques of survey and photography, the same methods of intrusive investigation, and yet Buildings Archaeology is often placed on the periphery of the archaeological profession. Our role is viewed as being to record, and not to discover. Thereby our findings are rarely reported in standard archaeological media.

This seminar aims to engage with the question of how we can better integrate with the wider archaeological profession, to encourage greater collaboration, and, as an extension, how we can promote buildings archaeology to the wider conservation industry and for others involved in planning for and discovering places.



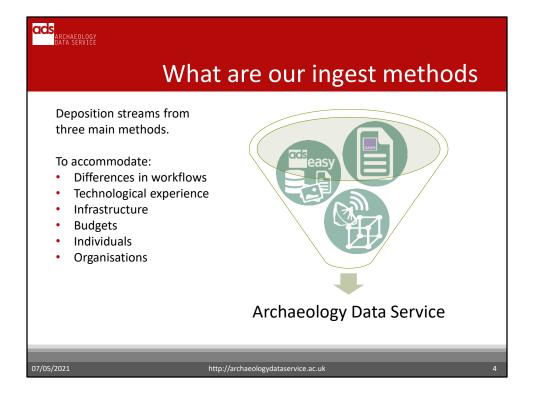
Buildings Archaeology is often seen as one of only recording but that doesn't make that record any less import nor does it diminish it's ability to allow for new discoveries.

Today I'm going to be talking about what the Archaeology Data Service is an how it fits into the archaeological profession in the UK, how it accepts data, what types of data it gets, what all of that means for built heritage, and the implications of all of that for re-use.

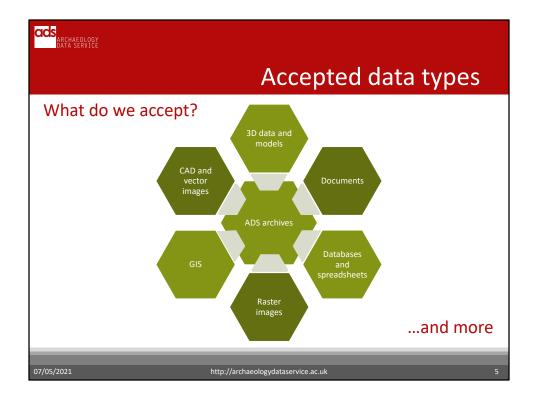


The archaeology data service is based at the university of **York** and was **established in 1996**, 6 years **after Tim Berners-Lee** developed the **world wide web** and two years **before** Google.

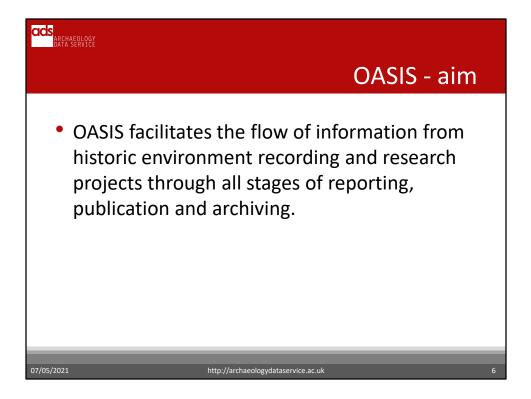
ADS is the only certified digital repository in the UK for heritage data, with over 20 years of experience supporting research, learning and teaching with free, high quality and dependable digital resources. Over those years we have gained the trust of the archaeology community through our policies and guides as well as projects like OASIS, which more counties are listing as a requirement for Historic Building Recordings.



There are three main ingest methods to get your data into our archive: OASIS, ADSeasy, and directly to an archivist through some kind of physical medium. These methods allow for differences in workflows, technologica experience, infrastructure, budgets, and individual/organisational preferences.

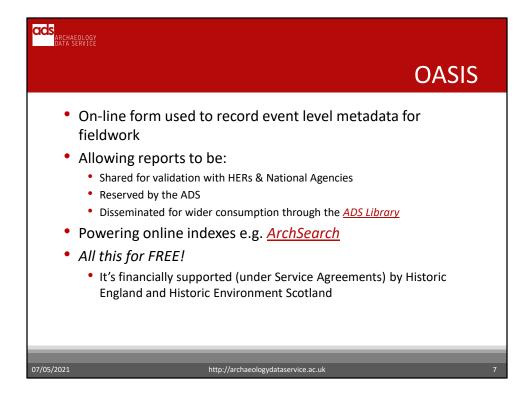


Each ingest method allows for different data to be deposited. OASIS for example only accepts documents, whereas ADS-easy allows for all of these data types to be uploaded except for 3D data and models.



I'm going to focus on OASIS.

The overall aim of OASIS is to provide an online index to the mass of archaeological grey literature created in the UK and to help in the flow of information from data producers, such as contracting units and community groups, through to local and national data managers, such as Historic Environment Records (HERs) and National Historic Environment Records (eg. <u>Canmore</u>, <u>Coflein</u>, <u>National Heritage List for</u> <u>England</u>) and receiving repositories such as museums and archives.

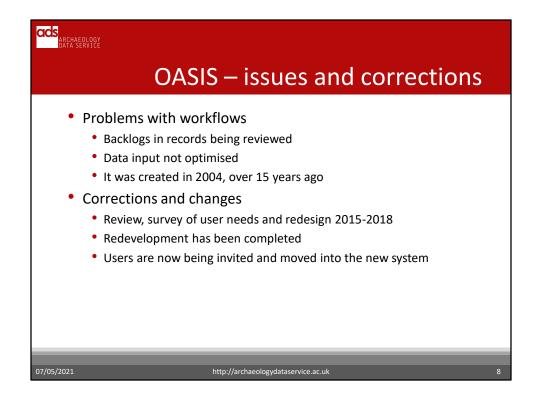


OASIS is an online form used to record event level metadata for fieldwork.

These records can then be shared for validation with HERs and NMRs, its then archived and preserved by the ADS.

These records are then disseminated for wider consumption through portals like the ADS Library or online indexes such as <u>ArchSearch</u> and <u>Heritage Gateway</u>

Best of all, its free to use for both those preserving their records and those reading those same records.



That said the OASIS IV has issues. It's over 15 years old and not optimised for things like built heritage.

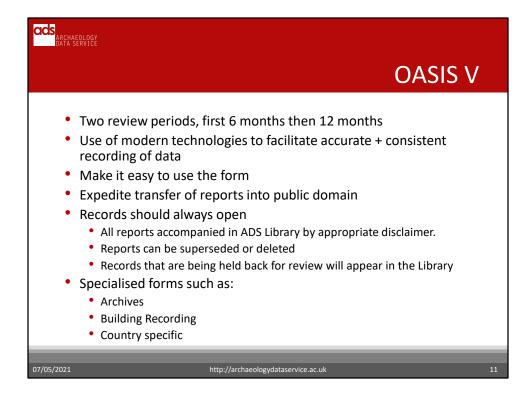
As such a review was created to see what improvements were needed and a new OASIS was created based on those findings.

			JASIS IN	/ (part 1)
OASIS DATA COLLECTION FOR	RM: England			
List of Projects Manage Projects Search Projects New project Change ye	ur details HER coverage Change	country Log out		
Tak on the Quasis ID of each record to view more details or amend the record, of ownerbard Quark records tick the checkboxes and chick on the download selecter lick on the table headings to sort records by that column 1 to 20 of 41 projects				
Pages: 1 2 3 >	All records Completed r			
OASIS ID (version) Location		Project dates	Validating HER	Status
jensdigg1-374966 (1) TEST IGNORE, BATHAMPTON, BATH AND NORTH EAST	SOMERSET	Dec 2007	Test SMR	Waiting for Contractor to complete
jensdigg1-365274 (9) PYOUNG TEST, BAXTERLEY, NORTH WARWICKSHIRE		Dec 2007	Test SMR	Waiting for Contractor to complete
jensdigg1-371356 (3) TESTING, YORK, YORK		Dec 2007	Test SMR	Waiting for Contractor to complete
jensdigg1-203602 (2) TEST FOR NEW FOREST, BREAMORE, NEW FOREST		Dec 2007	New Forest National Park Authority	Waiting for Contractor to complete
jensdigg1-313598 (4) TOUCH MY FIRE? TOUCHING THE FIRE. THE TIM EVAN	S STORY, BRIERTON, HARTLEPOOL			Waiting for Contractor to complete
jensdigg1-229594 (4) EGEG, BEDFORD, BEDFORD		Dec 2007	Test SMR	Waiting for Contractor to complete
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jensdigg1-312359 (2) TEST, BATH, BATH AND NORTH EAST SOMERSET		Dec 2012	Test SMR	Waiting for Contractor to complete
jensdigg1-314533 (1) TEST, BATH, BATH AND NORTH EAST SOMERSET			Test SMR	Waiting for Contractor to complete
jensdigg1-314518 (1) ASDASDAS, BATH, BATH AND NORTH EAST SOMERSE			Test SMR Test SMR	Waiting for Contractor to complete
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			Cambridgeshire Historic Environment Record Buckinghamshire SMR	Waiting for Contractor to complete Waiting for Contractor to complete
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Jensdigg1-302304 (1) TESTING IGNORE, BATH, BATH AND NORTH EAST SON Jensdigg1-302730 (2) TESTING IGNORE, ADDINGTON, AYLESBURY VALE	ERSET		Bedford Borough HER	Waiting for Contractor to complete
jensdigg1-302730 (2) TESTING IGNORE, ADDINGTON, ATLESBURY VALE jensdigg1-302729 (1) TESTING IGNORE, BATH, BATH AND NORTH EAST SON	FDSFT		Bedford Borough HER Buckinghamshire SMR	Waiting for Contractor to complete Waiting for Contractor to complete
jensdigg1-302729 (1) TESTING IGNORE, BATH, BATH AND NORTH EAST SON jensdigg1-302728 (1) TESTING IGNORE, BATH, BATH AND NORTH EAST SON			Berkshire Archaeology HER	Waiting for Contractor to complete
paisugg1-302120 (1) TESTING IONORE, DATH, DATH AND NORTH EAST SOM	ERGET	24II 2003 (0 34II 2004	Denshire Archaeology HER	vialing for Compactor to complete
ownload all 41 records				
Download selected records Clear selection				

For those who may not be familiar with OASIS IV, this is what is looks like. It was good for when it was created but current technologies allow for a much better system.

ARCHAEOLOGY DATA SERVICE								
					OA	SIS IV (p	part 2)	
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07/05/2021			http:/	//archaeologydatasei	vice.ac.uk			10

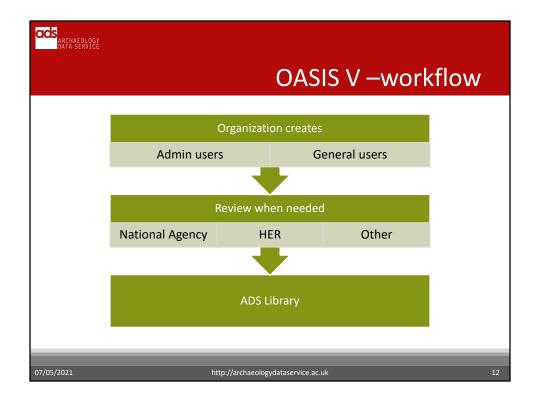
For those who may not be familiar with OASIS IV, this is what is looks like. It was good for when it was created but current technologies allow for a much better system.



That's where OASIS V comes in. This version of OASIS is entering its first review period to see how its meeting the communities needs.

OASIS V has been updated to allow for better reporting of current practices as well as just making the form easier to use. The transfer of reports to the public domain is easier and editing of these reports requires significantly less back and forth with reviewing bodies and the ADS.

Additionally, Built Heritage has a form that has been created specifically for them. The hope is that if the form is easier to use, more people will use it. This will in turn increase the visibility of built heritage within the wider archaeological profession. The more reports that are out in the in the public domain, the easier it is for collaboration and visibility of this important subset of the archaeological profession.



I'm now going to quickly go through OASIS V and highlight ways that it's been tailored for built heritage. Please note that this will be specific to England. OASIS complements and encourages the continued reporting of fieldwork to the wider public through Archaeology Scotland's annual publication – *Discovery and excavation in Scotland* (DES). As such, OASIS has a Scotland specific workflow that I will not be showing in this presentation, though it is similar.

Firstly, an organisation is created within OASIS V. This organisation has two types of users, admin and general. Admin can see and edit/approve all records within an organisation while general users can only edit their own records though they can see all of an organisations records once approved.

From here, it can be reviewed before being released into the ADS Library and beyond.

CASIS	Home	intries - Projects - O About - Q	Search New p	roject	833	1 Fails		≜ 01•
This page s A watched p your organi	project is one that y sation. All other pro	ts watched by you personally or by your orga rou have created, updated, reviewed or speci jects that you have access to can be access	ifically chosen to wa		watched project	s are all those cre	ated or edited by other m	
	nd filter watched p							>
3 person	al projects 🛛 🕅 C al watched proj SIS id 🗢	Irganisation projects jects returned Project Name \$	Start Date 🗢	End Date 🗢	Record info	Reviewers @	Previous Page 1 o	Actions
•	g ads1-500077	[Event type] at [Site name]			9 24 10		19 Jul 2019 12:55	
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	ads1-500058	Totally Real Location of Awesomeness	11 Jun 2025	18 Mar 2019	Q		19 Mar 2019 09:34	

This is what the new home screen looks like for the individual and the organisation.

		OASIS V for bui	l+	ori	ita	۳۵	Inar	+ 7
	· · · · · · · · · · · · · · · · · · ·	OASIS V for bui	ILI	IEI	la	ge	(par	ιΖ
OASIS	A Home 4	Countries - Projects - About - Q Search New project	Mar -	的元	Pank		音道の	\$ 01•
Wa	tched i	orojects						
		rojects watched by you personally or by your organisation.						
A watche	ed project is one	that you have created, updated, reviewed or specifically chosen to watch.		atched projec	ts are all the	se created or e	edited by other memb	ers of
		er projects that you have access to can be accessed through the search p	ige.					
Searc	h and filter watch	ed projects Q						>
A Per	sonal projects	Organisation projects				Previo	us Page 1 of 10	Next
191 pr	ojects returne	d watched by your organisation				Plevio	as Page For To	Next
	DASIS id ¢	Project Name 🗢	Start Date \$	End Date	Record	Reviewers	Last updated	v needed
	2 ads1-50036	Geophysical Survey at Maritime test	7 Jan	8 Jan	8		19 Apr 2021	<u>.</u>
		-	2021	2021	2		14:55	
-	C ads1-50163	Open Area Excavation at Silbury Hill TEST			2		16 Apr 2021	
	B aus1-50165.				2		08:31	
=		_			0			
	Z ads1-50162	Open Area Excavation at Bagshot, Surrey Heath, Surrey, England			2		11 Apr 2021 19:35	
=					0			
	Z ads1-50129	Excavation at Dumfries, Dumfries and Galloway, Scotland			0		7 Apr 2021 08:16	
					2			

This is what the new home screen looks like for the individual and the organisation.

		I	
JASIS V for b	built herita	age – New lay	out
OASIS	ld: pending	*	
1	Summary	•	
>	Activity type	8	
RI .	Location	•	
Â	Reviewers/Admin areas	8	
	Work undertaken	8	
8	Report details	0	
:0: :	People	8	
۶	Keywords	0	
1	Results	0	
	Archives		
0	Additional info		
<u>A</u>	Burial Spaces	0	
\$	Geophysical Survey	0	
•	Admin		
А	2 watchers		

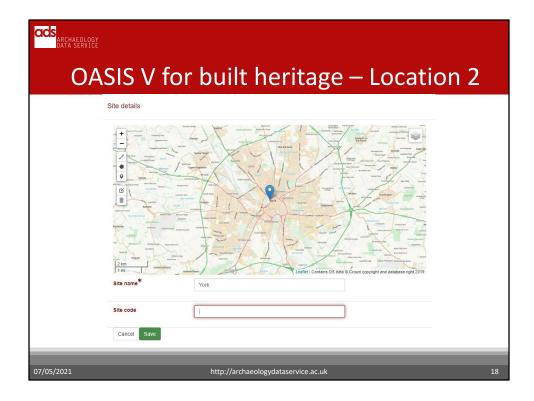
You will have a status bar on the side that will show what sections of the form have been completed.

	V for built heritage – Activit	tv tvi
New project		c, c, [
Activity type Help	Cancel edit 🔒 Save page. K Previou	us page Next page >
	r terms that describe the type of project you are recording, and the reason for doing work. The data entered here also changes some on customises the OASIS experience to particular workflows.	e of the fields you
• Project identifier	CASIS V for built heritage	
• Buildings Activity type*	Choose a buildings activity \$	
Activity type	\$	
O Descriptive Buildings Record (Level	2)	
O Desk based assessment	۲	
• Reason for investigation*	Planning: Listed Building Consent See more information on heritagedata.	org
Development type	Choose a development type for investigation	
Development type	φ	
Mixed use development	Ĩ	
Road		

From there, the activity type has been specifically modified for Built Heritage to only ask for things that a buildings archaeologist would be expected to work with and other parts have been removed.

OASIS V for built heritag	e – Location 1
Site details	
Choose location by Grid reference	*
Enter a grid reference to centre the map on that point. AB12345678, 123456 123456 or 57.23, -1.232 Next	
Upload a location file (KML/GeoJson/Zipped shapefile)	>
Choose area by place or street name	>
Choose area by District	>
Cancel	
/05/2021 http://archaeologydataservice.ac.uk	

We've improved the location section to help reduce the number of errors when reporting where a project took place.



We've improved the location section to help reduce the number of errors when reporting where a project took place.

archaeology Data service		
OASIS V f	or built heritage – Lo	cation 3
N Descriptive Buildings Record (Lev	rel 2), Desk based assessment at York	٥
Location page saved		×
IN Location Help	ß	Edit page
The location page allows a number of different options t	to record the spatial aspects of your project.	
€ Location [*]		
Site name: York Site code: SE 60035 52199 LL NOR 12 fg Files: Download GeoJson for site	Linking Condino OS data B Crown ropyrght and dataset areas	
	C'	Edit page
07/05/2021	http://archaeologydataservice.ac.uk	19

We've improved the location section to help reduce the number of errors when reporting where a project took place.

	OASIS V for bu	ilt h	eritage	– Reviewers 1	1
	O Administrative areas	Country : County : District : Parish :	England North Yorkshire York (B) OS CNS		
-	Historic Environment Record(s) for project *		Historic Environment Record	Review status	
	Museum / archive for project [#]		Is there an archive for this project?		
	National organisation for project*		National organisations	Review status	
	HER Identifiers		HER Identifier type	HER Identifier	
	National organisation Identifiers		National Identifier type	National Identifier	
	Other reviewing organisations		Other reviewing organisations	0 No data available in table	
07/05/2021	http://a	irchaeology	dataservice.ac.uk		20

We've improved the ability to select who should review the record and where parts of the archive may be stored e.g., museum or archive.

CCCS ARCHAEOLOGY DATA SERVICE						
OASIS V for	built h	eritage – Re	vie	w	ers 2	
❸ Historic Environment Record(s) for project [*]		Historic Environment Record		÷	Review status	÷
		City of York HER			8	
		Historic England review			9	
		O Scheduled Monument Casework				
● Museum / archive for project [*]		Museum / Archive	Archive	type		\$
		Archaeology Data Service Archive	Digital A	vrchive		
• National organisation for project*		National organisations	÷	Review	v status	÷
		Historic England		ø		
07/05/2021	http://archaeologyd	ataservice.ac.uk				21

We've improved the ability to select who should review the record and where parts of the archive may be stored e.g., museum or archive.

archaeology data service			
	OASIS V	for built heritage – Work	
	O Title*	Descriptive Buildings Record (Level 2), Desk based assessment at York	
	O Description - Methodology*	CASIS V for built heritage work through.	
	Previous work	Yes 4	
	• Future work	Yes 4	
	Start Date *	01 January 2010	
	€ End Date [*]	31 December 2010	
	Scientific Dating undertaken	YES	
	Scientific Dating types		
	Scientific Dating type Dendrochronology		
	• Environmental sampling	YES	
	Associated Identifiers		
	Please select	¢ Add	
	Associated Identifier type	Associated Identifier	_
07/05/2021		http://archaeologydataservice.ac.uk	22

The work that was done on site has been tailored to built heritage when it comes to the types of tests that may have been carried out.

Constant a service	
OASIS V for buil	t heritage – Details 1
Report details Help	[2] Edit page < Previous page Next page >
This page allows you to add details about any written outputs <u>created by</u> the project. You can record unpublished reports ('grey literature'), but also articles or monographs. For	unpublished reports you also have the option to upload a PDF file.
There are no reports entered yet - click edit to add a report Is there a report for the project?* 	VES The HER reviewing this record requires the details of a report to be entered.
	(2)* Edit page
07/05/2021 http://archaeo	logydataservice.ac.uk 23

We've added checks for when you upload a report. These checks will scan the report for things like the report title, author surname, publication date, and site name. Hopefully this will help as an additional check that the correct report is being uploaded.

CCCS ARCHAEOLOGY DATA SERVICE				
OASIS V	for bui	lt herita	age –	Details 2
€ Author	Or use the boxes b Surname Start typing su		\$	
	Surname	Forename & initials	ORCID	
	her or Producer* Archaeology Dati	a Service		
Physical Physical				
G DOI for report	r the Doi format eg. 10 bibliographic Report on	\$	Details	
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We've added checks for when you upload a report. These checks will scan the report for things like the report title, author surname, publication date, and site name. Hopefully this will help as an additional check that the correct report is being uploaded.

CCCS ARCHAEOLOGY DATA SERVICE				
OASIS V for built	her	ritage -	– Deta	ils 3
A report: Tim, E., (2020). Descriptive Buildings Record (Level 2), Desk based assessment at York. York:	1	File name	File contents of	check
Till, E., (2020). Descriptive bauarity's record (Lever 2), Desk based assessment at York. Tork. Archaeology Data Service.		★ ads1- 501640_86827.pdf	Please confirm this is the	e correct
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A published monograph: n.a., (2020). Descriptive Buildings Record (Level 2), Desk based assessment at York. Archaeology Data Service.	2 🕯			
An article/chapter in a published monograph: n.a. (2020). Descriptive Buildings Record (Level 2), Desk based assessment at York. In: n.e., <i>Multi-article monograph. Archaeology</i> Data Service. pp. 1–1000.	2 i			
A report	ŧ	Add a report		
		Cancel edit	t 🖬 Save page < Pr	revious page Next page >
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We've added checks for when you upload a report. These checks will scan the report for things like the report title, author surname, publication date, and site name. Hopefully this will help as an additional check that the correct report is being uploaded.

acchaeology Data Service		
OASIS V for	⁻ built heritage – P	eople
Level 2), Desk ba	sed assessment at York	0
Edit cancelled: no entries have been saved		×
🔹 People 🛛 Help	Z Edit page	<pre></pre>
This page allows you to add key information about the people and organisati	ions involved in a project.	
Archaeology Data Service		
€ Funder*		
Funder type	Funder	-
Historic England		
	🖬 Edit page	Previous page Next page >
07/05/2021 http:	//archaeologydataservice.ac.uk	26

Its now easier to identify who was involved with the project.

ARCHAEOLOGY DATA SERVICE			
OASIS V f	or built herita	ge – Ke	ywords
Descriptive Buildings Record (Leve Keywords Hep	I 2), Desk based assessment at York	Cancel edit	page < Previous page Next page >
This page allows you to add information about any signifi intended to be a comprehensive record of everything four	cant monuments or artefacts found during your project. It help nd or recorded.	s users of the record understand	the key findings of the work, but is not
 Did your investigation record a specific building or site Keyword* 	type?*	YES	
Enter search term, select a word list and click look up Keyword	FISH Thesaurus of Monument Types FISH Thesaurus of Monument Types Period *	Cook up subject	types Site *
reywora ⊕ O Tithe Barn	First World War	ŧ	York
		Cancel edit	page Previous page Next page
07/05/2021	http://archaeologydataservice.ac.ul		27

You can match keywords, currently only from FISH Thesaurus of Monument Types, and select a time period for each of those keywords. We are constantly reviewing the need for new thesauri that suit the needs of users and the wider community so the number and type of thesauri we use can and likely will change based on in-put so feedback is welcome.

COCS ARCHAEOLOGY DATA SERVICE		
OAS	IS V for built heritage – Res	sults
ar Results Help	G r Edit page ↓	Previous page Next page >
This page allows you to record details about w work contributes to the ongoing research ager	hat was found and learnt from the project. It enables you to flag records for national and regional Research Framework dds.	s and make sure your
€ Description - outcomes [*]	OASIS V for built heritage	
Research framework sections Yorkshire & Humber Research Framework Section 1 (Framework 1)	Add question	
		Previous page Next page >
07/05/2021	http://archaeologydataservice.ac.uk	28

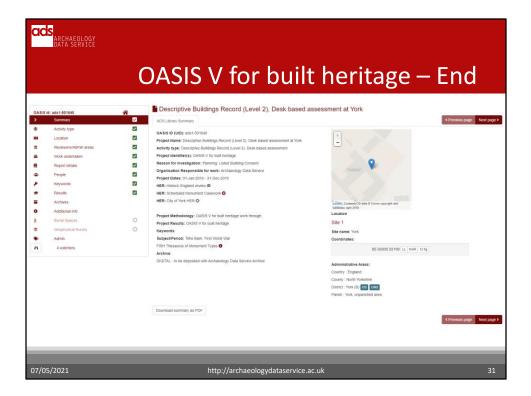
There is now a dedicated results page where you can listed the outcomes of the project and flag your record for national and regional Research Frameworks.

achaeology Data Service			
OA	SIS V for buil	t heritage -	- Archives
Descriptive Buildings	Record (Level 2), Desk based asse	essment at York	٥
Archive page saved			×
Archives Help			Edit page Previous page Next page >
	ere archive material from this OASIS project is being di project lifecycle on standards and requirements. Nata Service Archive	eposited, or has been deposited. It allows all inter	ested parties to see what has been produced,
Before deposition	~	Archive deposition	*
Archive title Location Archive Type(s)	Digital Archive	Archive recipient Status at archive	Archaeology Data Service Archive
Archive Files	>	Archive Notes - 0	>
			Contract Previous page Next page Next page
07/05/2021	http://archaeo	logydataservice.ac.uk	29

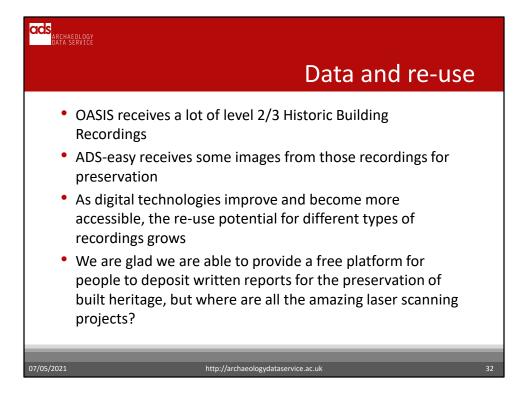
You can now specify what was sent to an archive or museum as a part of the record.

archaeology Data service					
	OASIS	V for b	uilt he	eritage –	- Info
Descriptive Buildings Re Additional Info Help	ecord (Level 2), Des	sk based assessmen	t at York	Z Edit page	Previous page Next page >
This page allows you to add further det	ails to help associate this OASI	S record with other projects.			
http://yourprojectwebsite.com/projectpa	ages				
C Large area scheme Scheme list					
	Select scheme(s) 🕶				
Other Add a new scheme name					
Related OASIS projects Type of relation	0/	ASIS Id			
OASIS ID - part of	\$		Add		
				C Edit page	Previous page Next page >
07/05/2024					
07/05/2021		http://archaeologydata	iservice.ac.uk		30

Finally, you can like this record to other projects outside of OASIS.



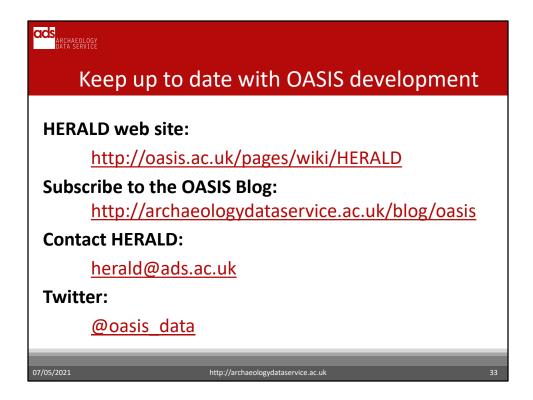
Once all sections have been completed you'll have a summary page and then that's it. The page is always open for you to go back and make edits to if needed unlike OASIS IV.



Through the OASIS form, the ADS receives a lot of level 2/3 Historic Building Recordings. Additionally, some areas require other digital records such as photographs or elevations to be preserved as well which we receive through ADS-easy.

As the digital technologies improve and become more accessible and easy to use, the re-use potential for different types of Historic Building Recordings grows. That said, most required records are a report and minimal additional data which is then hopefully archived somewhere that is readily accessible. And while when this is done, its great, the reuse potential of a text document vs a 3D model is quite different.

So I will leave you with this final question, where are all the amazing laser scanning projects?



If you want to keep up to date with oasis development you can find out more on the OASIS website or blog. You can also contact the HERALD project directly or follow on Twitter.

CICS ARCHAEOLOGY DATA SERVICE	Thanks for listening
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Thank you for listening, are there any questions?