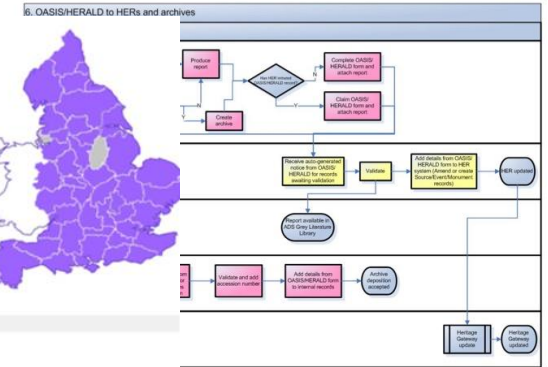
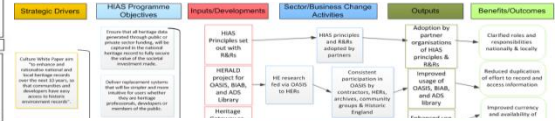
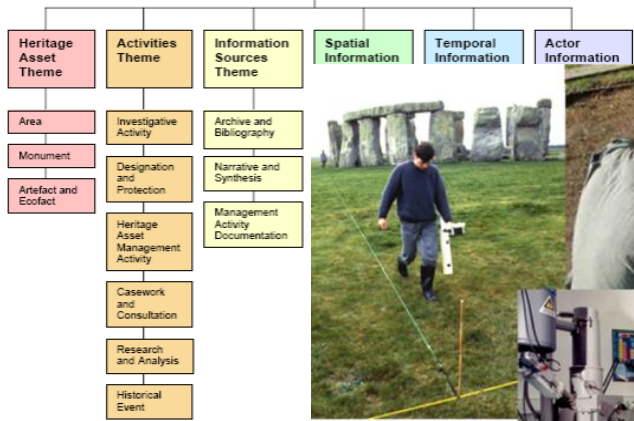




Historic England

Heritage Information Access Strategy Update – HER Forum 4th December 2018

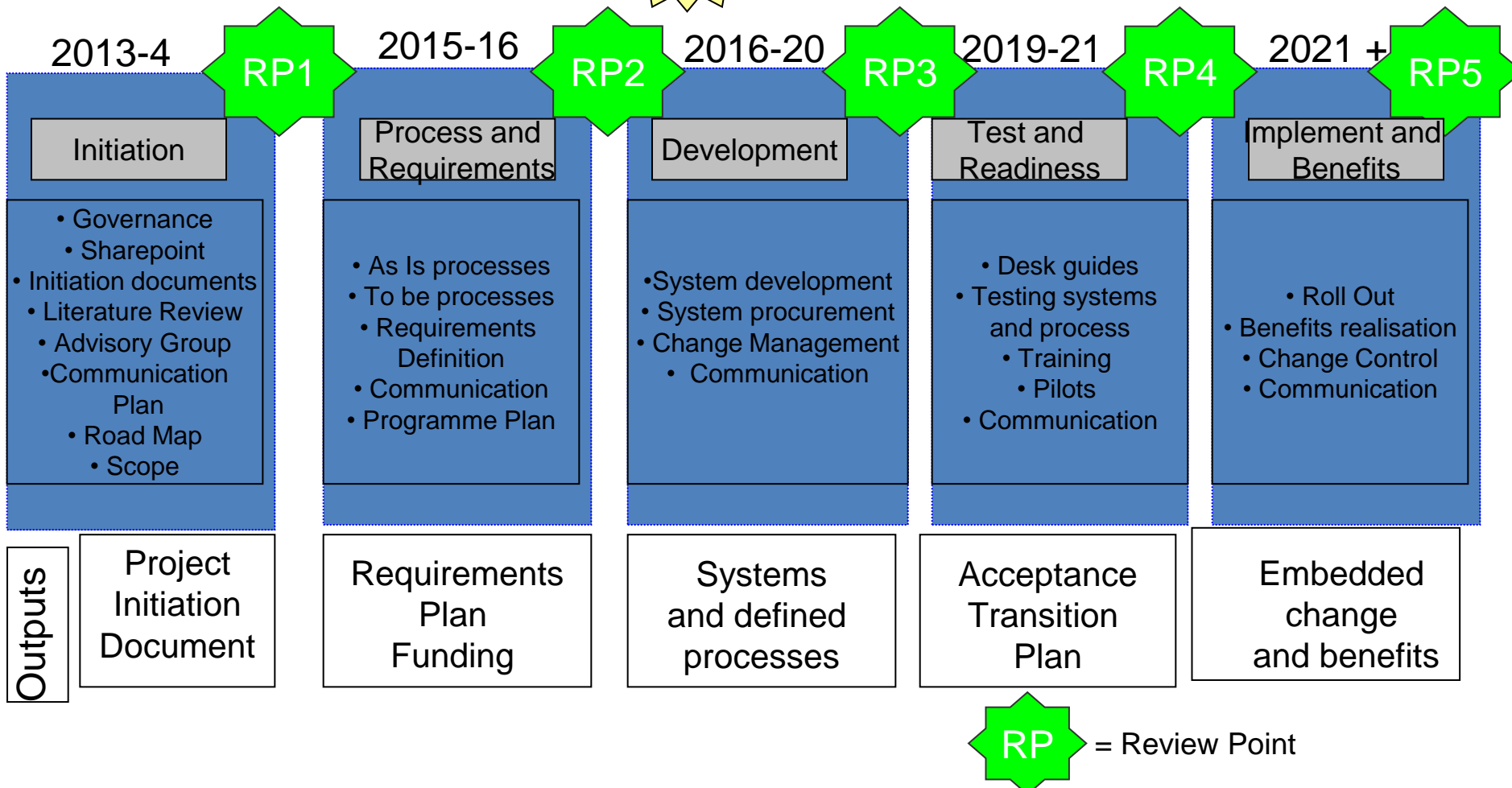
MIDAS Heritage The UK Historic Environment Information Standard





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Programme Road Map





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Development Phase (2016-20)

**Collecting &
Validating Data
(Enhanced OASIS)
(ADS)**

**Replacement HE
projects database
(HE Policy & Evidence)**

**National Marine
Heritage Record
(HE Policy & Evidence)**

**Heritage Gateway
(HE + HG partnership)**

**NRHE & HERs data
transfer
(HE Policy & Evidence)
+ ALGAO)**

**Roles and
responsibilities –
advocacy (All)**

**Heritage Reference
Data manager
(HE Policy & Evidence &
sector)**

**National Security
Copy
(HE + ALGAO)**

**Historic Environment
Records – guidance &
indicators
(ALGAO)**

**Data sharing & rights
(HE Policy & Evidence)**

**Communications &
engagement
(All)**

**Training & benefits
realisation planning
(HE Policy & Evidence)**



NRHE to HERs data transfer

Principle 1: Local Authority HERs should be the first point of call for & primary trusted source of investigative research data & knowledge.

- 5 year programme to transfer NRHE to HERs due to start in early 2019
- Funded through **HE commissions to up to £600k**
- **Partnership approach between HERs and HE** requiring match funding from local authorities
- NRHE data to be transferred for free under **Open Government License (OGL)** and with transfer of database rights

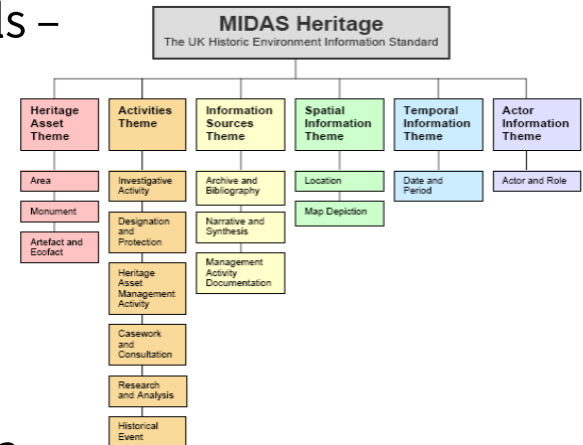




NRHE to HERs data transfer

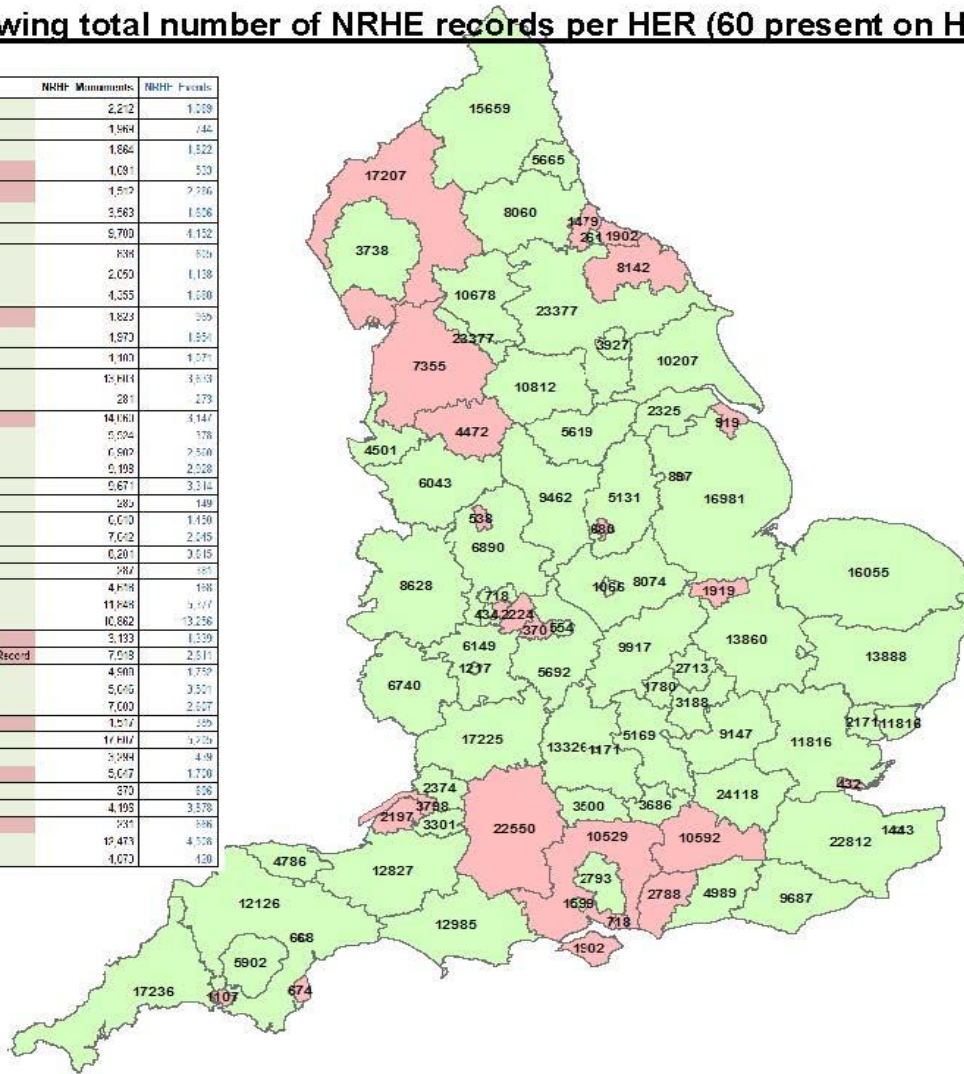
Principle 1: Local Authority HERs should be the first point of call for & primary trusted source of investigative research data & knowledge.

- Open competition scheme with eligibility linked to HIAS participation and ALGAO HER Committee input
 - Meets National Security Copy guidance & protocols – due 2019
 - In HER audit programme & with live action plan
 - Publication of monument data via the Heritage Gateway
 - NRHE data to be made available under OGL
 - MIDAS and data standards compliance (assessed through Audit)
- Challenging in current climate - doing nothing not a viable option



Map showing total number of NRHE records per HER (60 present on Heritage Gateway, 25 not)

HER - On HG / Not on HG	NRHE Monuments	NRHE Events
Bath and North East Somerset SMR	2,212	1,028
Bolton Heritage HER	1,884	742
Berkshire Archaeology HER	1,884	1,522
Derbyshire ICR	1,091	533
Derby City Council ICR	1,517	2,286
Buckinghamshire HER	3,583	1,006
Cambridgeshire ICR	5,700	4,152
Cardiff ICR	839	829
Central Bedfordshire and Luton HER	2,050	1,138
Cheshire ICR	4,355	1,680
Cheshire East HER	1,823	769
City of York ICR	1,970	1,954
Cotchester UAD	1,100	1,071
Covent and Solihull HER	19,981	3,838
Coventry HER	281	273
Derham HER	14,000	3,147
Derwent National Park HER	5,594	178
Derbyshire ICR	6,807	2,500
Devon HER	5,198	2,028
Dorset HER	5,671	3,314
Dorset HER	289	149
Durham ICR	6,070	1,159
East Sussex ICR	7,042	2,045
Essex ICR	6,201	3,815
Exeter HER	282	387
Exmoor National Park HER	4,878	188
Gloucestershire HER	11,848	5,777
Greater London HER	10,882	13,256
Greater Manchester HER	3,133	1,339
Hampshire Archaeology and Historic Buildings Record	7,018	2,511
Hampshire ICR	4,500	3,759
Hampshire ICR and St Albans UAD	5,040	3,501
Lumber Archaeology Partnership	7,000	2,607
Isle of Wight HER	1,574	359
Isle of Wight HER	17,682	9,276
Isle of Wight HER	3,984	448
Leicestershire ICR	5,047	1,709
Leicester City HER	370	626
Leicestershire and Rutland HER	4,195	3,578
Lincoln Heritage Database	391	886
Lincolnshire HER	19,473	4,708
Merseyside ICR	4,070	120



HER - On HG / Not on HG	NRHE Monuments	NRHE Events
Middlesex Borough Council HER	160	101
Milton Keynes HER	882	886
Norfolk HER	11,768	4,257
North East Lincolnshire ICR	736	100
North Lincolnshire HER	1,105	820
North Somerset ICR	1,000	529
North York Moors National Park ICR	7,941	501
North Yorkshire County Council HER	23,116	3,451
Northamptonshire ICR	6,596	2,959
Northumbria ICR	12,554	3,105
Hull and East Yorkshire ICR	423	261
Northamptonshire ICR	7,716	1,415
Orkney UAD	487	862
Oxfordshire HER	9,710	3,916
Peckham City HER	1,095	830
Physicist HER	112	392
Portsmouth City ICR	507	211
Redcar and Cleveland HER	1,881	261
Salisbury HER	106	191
Shropshire ICR	9,665	1,759
Solihull SMR	129	151
Somerset HER	3,668	3,129
South Gloucestershire HER	1,680	801
South Yorkshire SMR	3,804	1,726
Southampton HER	362	1,237
Southend Borough Council SMR	327	106
Staffordshire ICR	5,400	1,410
Stoke on Trent ICR	269	256
Suffolk County Council ICR	9,714	5,574
Surrey ICR	7,086	2,886
Tees Archaeology ICR	566	513
Tisbury HER	146	129
Tyne and Wear HER	3,441	1,024
Walsall HER	3,124	2,088
West Berkshire HER	2,576	364
West Sussex County Council HER	3,412	1,078
West Yorkshire Archaeology Advisory Service	9,826	1,001
Wiltshire and Swindon ICR	17,456	5,760
Widewater HER	1,737	1,076
Wolverhampton and Walsall HER	301	327
Wirral City HER	675	762
Worcestershire HER	4,330	1,819
Yorkshire Dales National Park HER	10,115	350



Principle 1: Local Authority HERs should be the first point of call for & primary trusted source of investigative research data & knowledge.

- Call published on [HE website with FAQ and guidance](#)
- Application process will be streamlined – the assessment of a proposal
- **Closing date 21 January**, with projects to start in mid Feb 2019
 - First task will be preparation of accessioning plan for each HER
- Applications from **one or partnerships of HERs welcome**
- Future calls will aim to look at different delivery models e.g. use of contractors



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National Security Copy

Principle 7: Historic England should, on behalf of the nation, ensure that a security copy of all such data exists (in accordance with Principles 3 and 6.)

- Contract for the NSC project has been awarded
- Project will deliver components necessary to implement the NSC as a dispersed copy
- HER consultation: Mid-December to Mid-January
- NSC best practice guidance and access protocols will be available in 2019



Principle 4: Investigative research data or knowledge should be readily uploaded, validated and accessed online

- Major redevelopment of OASIS platform well underway (some funding from HES and N. Ireland participating)
- Comprehensive review of OASIS wordlists by Zhouyi Qian (HE placement) with input from FISHTWG and ADS
 - Address obsolete and fill gaps in old OASIS lists
 - Generate meaningful statistics about sector trends
 - Terminology for new audiences
 - Improving data for reuse
 - 6 rationalised OASIS wordlists and additions to Events thesaurus (latter to be finalised with HES)

Heritage Data
Linked Data Vocabularies for Cultural Heritage

About Heritage Data Vocabulary Providers Vocabularies Posts

Vocabulary Providers

- English Heritage
- Royal Commission on Ancient & Historical Monuments of Scotland (RCAHMS)
- Royal Commission on Ancient & Historical Monuments of Wales (RCAHMW)
- DENDROCHRONOLOGY

SCHEME		DOWNLOADS
ARCHAEOLOGICAL SCIENCES (EH) Used for recording the techniques, recovery methods and materials associated with archaeological sciences		SKOS (RDF) Alphabetical (PDF) Hierarchical (PDF)
BUILDING MATERIALS (EH) Thesaurus of main constructional material types (eg. the walls) for indexing of monuments	DOLOMITE FELT LEATHER	SKOS (RDF) Alphabetical (PDF) Hierarchical (PDF)



Principle 4: Investigative research data or knowledge should be readily uploaded, validated and accessed online

- User Roll-Out and Training requirements survey undertaken
- Communications
 - Blog updates
 - Articles written for community groups
 - Resources for reuse e.g. mock-ups
- Workshop on data flows to and from OASIS planned (synchronising APIs, exports, linked data)
- Alpha release due Spring 2019





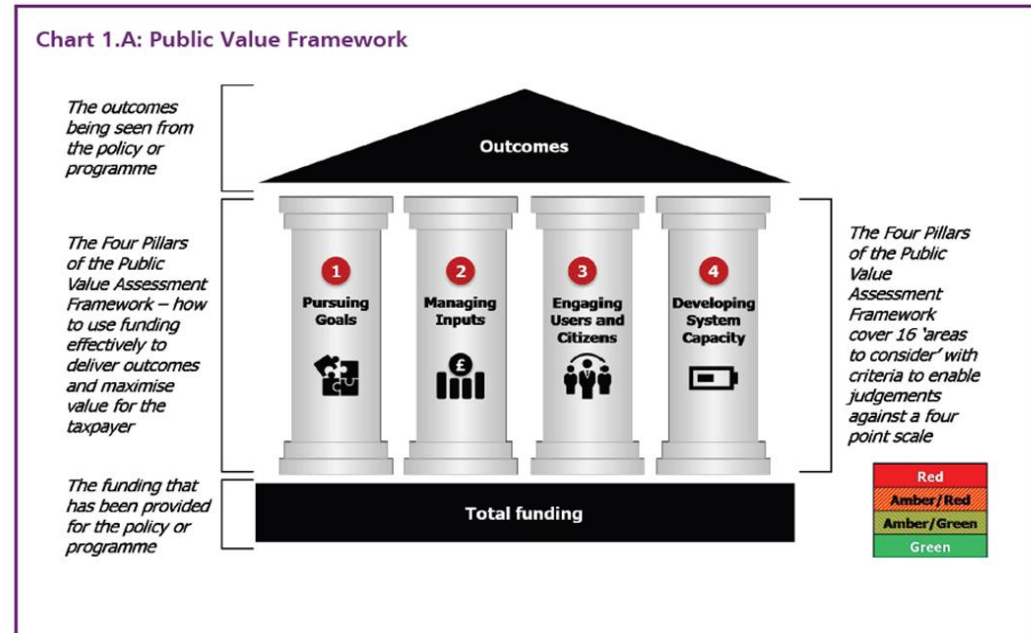
Principle 5: A national overview should be delivered online through the Heritage Gateway

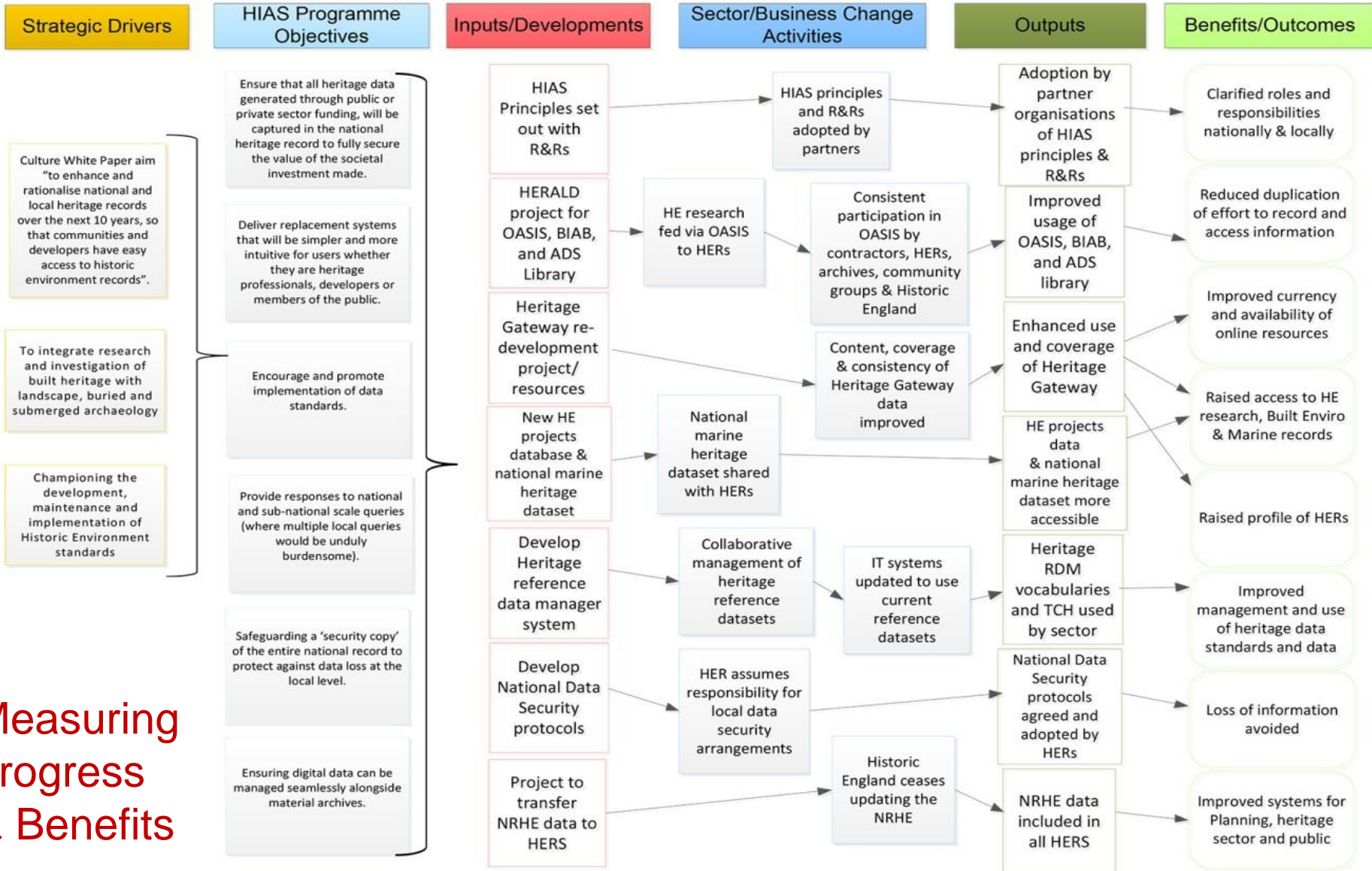
- New Heritage Gateway is central to HIAS vision & delivery
- Stakeholder consultation & agreement over **11 minimum units of information** (MUI) to standardise what data is returned by all providers
- **Mapping of bespoke HERs to the 11 MUIs in progress**
- Looking at options: including 'Data Harvesting' in which MUI held centrally to improve the user experience
- Data architect in HE to assist us with this work



Measuring Progress & Benefits

- Participation and outputs will be measured via a series of indicators
- Annual HER survey being revised from 2019
- Evaluation framework will be aligned with HE's emerging **Public Value Framework (PVF)**





Measuring progress & Benefits



- 2018 - 20 – new HE IT programme includes many HIAS elements
 - AMIE migration to Arches
 - National marine heritage record
 - HE research data
- 2018 – 19 – Heritage Gateway pilot
- 2018 – 23 – NRHE transferred to HERs
- Early 2020 – OASIS release
- 2019 - 2021 – Training & roll-out to HE & sector





Historic England

Questions & feedback?

More information and reports available from:

<http://www.historicengland.org.uk/research/support-and-collaboration/heritage-information-access-strategy/>

Or email - HIAS Programme Manager:
sarah.poppy@historicengland.org.uk