



**NHSF**

Impact WG

Demonstrating the social,  
economic (and environmental)  
impact of Heritage Science

Impact working group meeting  
26.4.2021

The Research group is looking at **what** the societal challenges are and how connections can be made (wellbeing, digital society, climate emergency, equality and inclusion).

The Impact group is looking at **how** to demonstrate and measure connections (to a range of values, for a variety of audiences).

## Sustainable development

Evidence of social and economic impact	Methods for measuring social and economic impact of heritage science	Pull together a suitable methodology (based on pre-existing work by HEIs) that addresses what need to measure to demonstrate impact. What already exists, e.g. UCL work, analysis of REF case	NHSF	UCL – Professor of Heritage Science Evidence Historic England evidence team ICCROM (also interested in methodologies) NCCPE	2019-2020 2020-2021  2021-2023	Baseline evidence. Accepted methodology for demonstrating impact. Use of model by heritage science sector to build
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NHSF working  
group  
alignment

Strategic framework outcome	Action	Lead	Progress	Measure (update with date when complete)
Better discoverability of research and data to enable re-purposing (delivery plan 3.3)	Promote commitment to FAIR principles. Take forward NHSF resources group recommendations from FAIR data event (Feb19) <ul style="list-style-type: none"> <li>- Web pages/ resources on where to start</li> <li>- Expand GOA fund to support data deposit</li> </ul>	NHSF WG  Identify who can lead on this item (web resources)	Expansion of GOA fund agreed in principle by trustees Nov19. Next step of establishing criteria for providing support for deposit of data is on hold as GOA fund suspended for 2020-21 as a result of budget cuts.	Better understanding of how to manage data to support its re-use. Increased volume of heritage science data deposited within structures that support re-use.
Evidence of social and economic impact (delivery plan 3.4)	Review possible impact methodologies, building on workshop of March 2020. Review funding options?  Develop toolkit that will draw on existing practice but enable data on the impact of heritage science (expected and unexpected) to be collected consistently.  Communicate to sector and advocate for use. <ul style="list-style-type: none"> <li>- Introduce at Members Meeting – following discussion/feedback, build communications plan, create guidance resources to support implementation, identify delivery partners (strategic and/or operational).</li> </ul> Assess progress towards establishing evidence baseline and response to toolkit.	JR/BO – Apr-Sep 2020. WG Nov20  WG – Nov20-Feb21  WG – Feb21  WG – Apr21		Accepted methodology for demonstrating impact. Use of model by heritage science sector to build evidence of impact. Baseline evidence of range impact.

# March 2020 workshop

## Questions posed and considerations

What would happen  
if we DIDN'T  
demonstrate the  
benefit of HS?

What would NOT  
demonstrating the  
benefit of HS  
feel/look/sound like?

- Evaluation methodologies we are aware of
- Examples where the HS touches other sectors
- Evaluations in current use by our organisations
- Other issues





## Flipchart Q1 - What would happen if we didn't demonstrate the benefit of HS?

- Not building sector/or attracting talent
  - No funding from research councils
  - Negatively impact on heritage science
  - Loss of feeling of community
  - No checks on relevance
  - Lack of opportunity to influence sectors outwith heritage sector
  - Lack of funding opportunities
  - No-one would understand importance and contribution (we'd be ignored)
  - Sustainability of culture
  - Loss of public interest – lose funding
  - Couldn't identify knowledge gaps
  - Loss of visibility and continuity of the profession
  - Loss of cultural value
- Loss of funding
  - Reduced/no funding
  - Reduced employment possibilities
  - Reduced training opportunities
  - Reduced quality of work
  - Loss of specialised skills
  - Loss of international standing
  - Loss of heritage
  - **Loss of tourism/economy suffers**
  - Reduced possibilities for innovation and knowledge transfer
  - Closure of department and loss of sales
  - **Lost opportunity for young generation**
  - **Impact on the preservation of heritage**

## Flipchart Q2 - What would NOT demonstrating the benefit of HS feel/look/sound like?

- Positive versus negative impact - required for funding “ivory tower” syndrome
  - No demonstration
  - No collaboration
  - No interest
  - No funding
  - NHSF ceases to exist!
  - Why would organisations engage with heritage science?
  - Loss of stewardship for future generations
  - Loss of sustainability of business
  - Something re. digital
  - Health and wellbeing
  - Loss of collections sites
- Be siloed (not interdisciplinary)
  - Isolation and silo culture
  - Partnerships and opportunities lost
  - Delivering in a vacuum
  - Skills gaps and failing to engage next generation
  - Loss of civic sense of belonging
  - Loss of ground to others
  - Loss of influence
  - Climate change
  - No sharing of knowledge
  - Lost within larger organisations

# Workshop March 2020

## **Learnings**

- HS touch points are very wide, with a broad audience, set of stakeholders and influencers
- To understand the impact of HS we need to aggregate impact studies
- Wide range of organisations from academic bodies to tourist destinations undertake HS
- HS impact transcends nationhood, funding may not

## **To take forward**

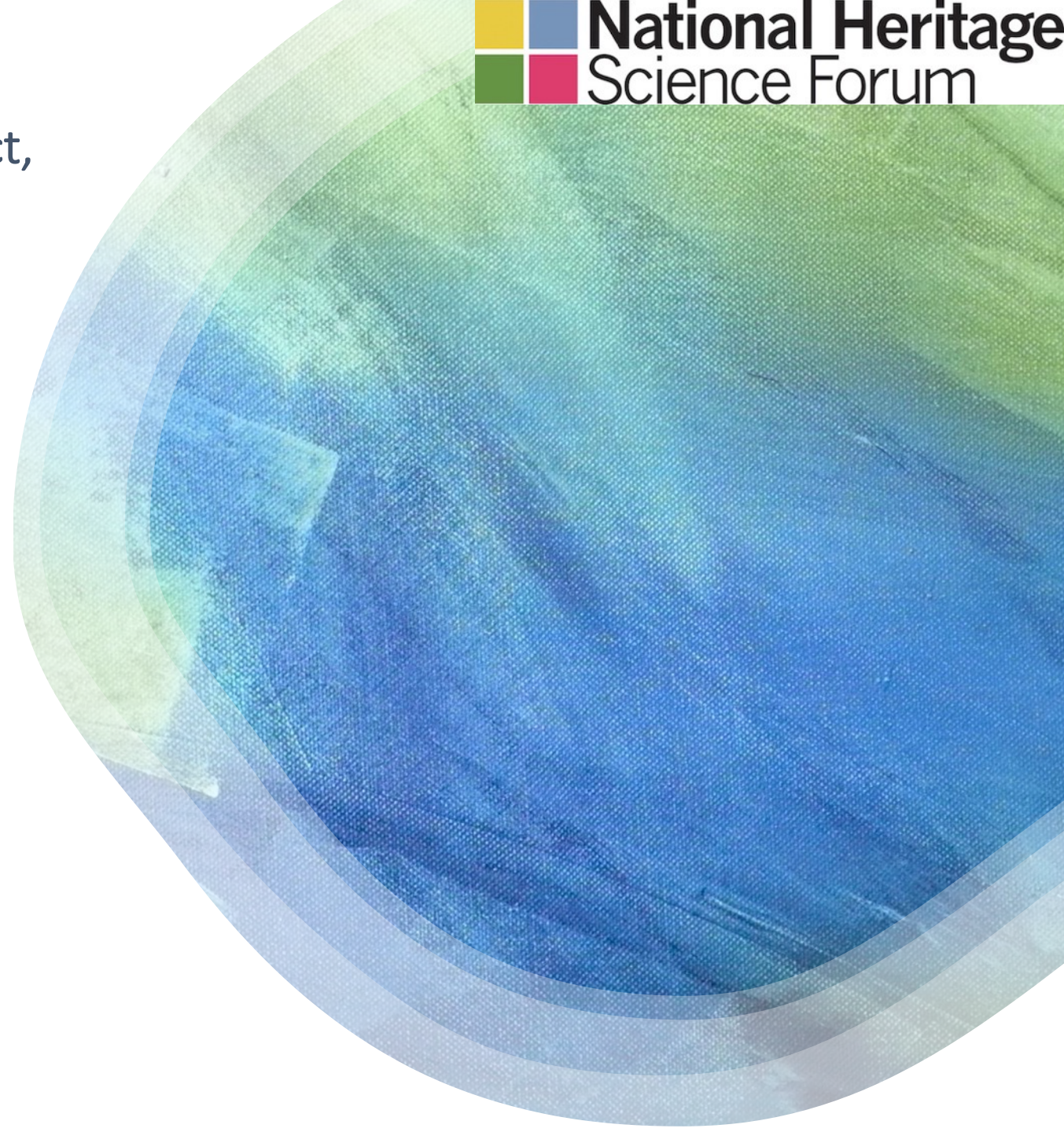
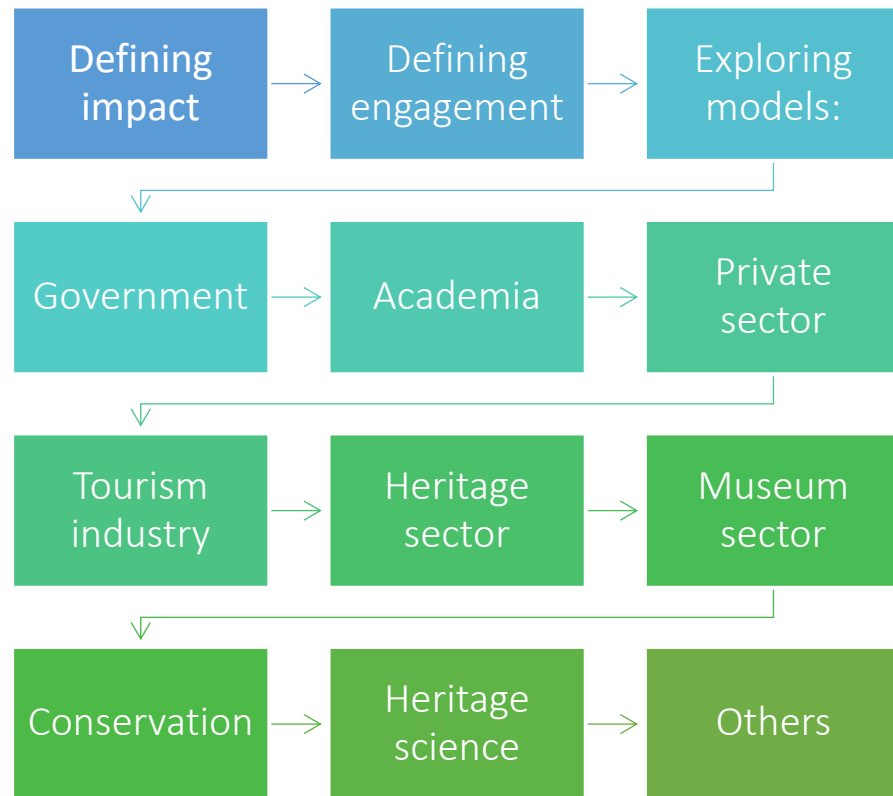
- Use methods that have common and shared language and tie back to UN sustainable development goals and derived national performance frameworks
- Public engagement studies can be apportioned back to HS in museums/galleries
- Look at other sectors and government bodies

UN sustainable development goals: <https://sdgs.un.org/goals>





## Exploring existing frameworks: Examples of defining and measuring impact, engagement and toolkits

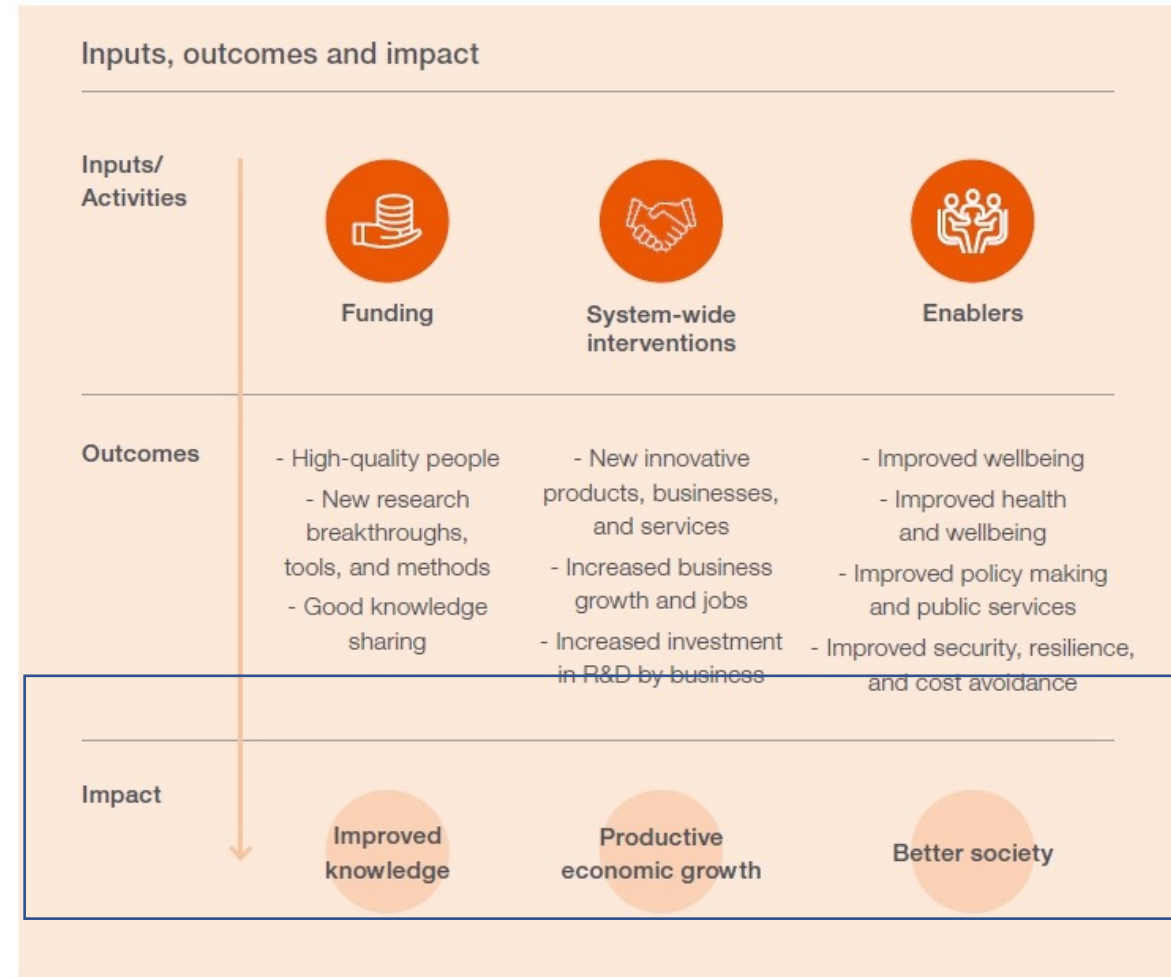


# UK Government examples

Defining and measuring impact

of our activities and their impacts.

There are strong links between this framework and the monitoring and evaluation activity that we are committed to carrying out across UKRI's programmes and activities. We are committed to understanding the impact of our funding – both legacy and new – and data and evidence collected for programme-level evaluations will be used to help measure UKRI-wide performance as appropriate. Our ambition as UKRI is to deliver a step change in understanding how R&D investments can best drive productivity and economic growth in the UK.



UKRI

<https://www.ukri.org/about-us/strategic-prospectus/how-we-will-deliver-and-measure-success/>



# UKRI – public engagement

- <https://www.ukri.org/public-engagement/>
- <https://www.ukri.org/public-engagement/research-council-partners-and-public-engagement-with-research/>
- <https://www.ukri.org/public-engagement/research-council-partners-and-public-engagement-with-research/embedding-public-engagement/>
- **Engage under-represented communities and places with research and innovation**  
Some groups in society have many more opportunities than others to participate in activities related to research and innovation. We are committed to closing this gap through our public engagement programmes and partnerships.
- **Actively involve a wide range of people in their work**  
Active participation in research — such as citizen science or co-designing research projects with communities — can improve research quality, make it more relevant to society and have significant benefits for those who participate. We want to help researchers and innovators shift the balance of public engagement, from communication of research findings to active participation.
- **Nurture a future generation passionate about research and innovation**  
The UK needs an outstanding, diverse workforce if we are to secure our place in the world in the 21st century. Informal learning experiences at museums, science centres, festivals and school clubs are an important way for young people to engage with research and innovation. All young people should have access to these experiences, no matter their background or where they live.
- **Listen to public concerns and aspirations**  
The UK has pioneered approaches to understanding public concerns and aspirations for research and innovation. As the pace of innovation continues to increase, it is more important than ever that policymakers, funders, researchers and innovators are able to engage society in the development of plans and priorities.



## Valuing Culture and Heritage Capital: A framework towards informing decision making

This document sets out DCMS's approach to valuing the benefits provided by culture and heritage assets.

From: [Department for Digital, Culture, Media & Sport](#)  
Published: 21 January 2021

Applies to: England

### Documents



[Valuing culture and heritage capital: a framework towards informing decision making](#)

HTML



[Valuing culture and heritage capital: a framework towards informing decision making - PDF](#)

PDF, 557KB, 26 pages

# DCMS – Cultural Heritage Capital Framework

- Emerging methodology for **economic assessment**, in consultation: 2021
- A new report published by the government department, *Valuing Culture and Heritage Capital: A Framework Towards Informing Decision Making*, outlines how a new approach will be taken and an evidence base built to support private and public investments in the sector.
- <https://www.gov.uk/government/publications/valuing-culture-and-heritage-capital-a-framework-towards-decision-making>
- Devised to complement the Social Cost Benefit Analysis principles published in HM Treasury's Green Book, the strategic plan will place economics at the heart of future analyses but it is acknowledged that a 'cross-disciplinary approach' will be needed.
- The role cultural institutions play in supporting wellbeing, education and local identity will be included in the criteria of future decision making – previously overlooked, DCMS believes, as "there is no agreed approach to measuring this contribution".

# DCMS – Cultural Heritage Capital Framework

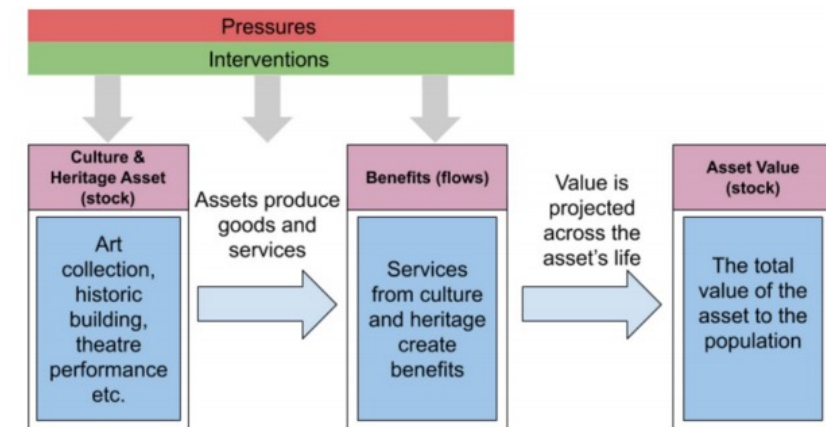
- [https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\\_data/file/955203/GOV.UK\\_-\\_Framework\\_Accessible\\_v2.pdf](https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/955203/GOV.UK_-_Framework_Accessible_v2.pdf)

## 6.7. Maintenance and heritage science

As outlined in [Section 4.2](#), the Culture and Heritage Capital Programme will bring economic methodology together with the work of heritage conservation scientists, who are best placed to estimate the impact of conserving assets, and from this, rates of depreciation and irreversible loss. Incorporating this into our guidance will allow organisations to fully assess the extent to which a proposal will mitigate (or cause) irreversible damage to a culture and heritage asset and the loss of flow benefits that would result. This research would have far-reaching effects not only on culture and heritage, but also on the appraisal of many other types of infrastructure.

**Figure 1: The Culture and Heritage Capital Framework**

*Developed from D.Throsby and Natural Capital Logic Model (Natural England, 2018)*



# EPSRC: telling tales of engagement

<https://epsrc.ukri.org/funding/calls/ttoe2017/>

Tell stories that describe how your pathway to impact genuinely unfolded, to help the wider research community and public understand how impact really occurs and what benefits have been (or are expected to be) delivered from your Research Council funded research.

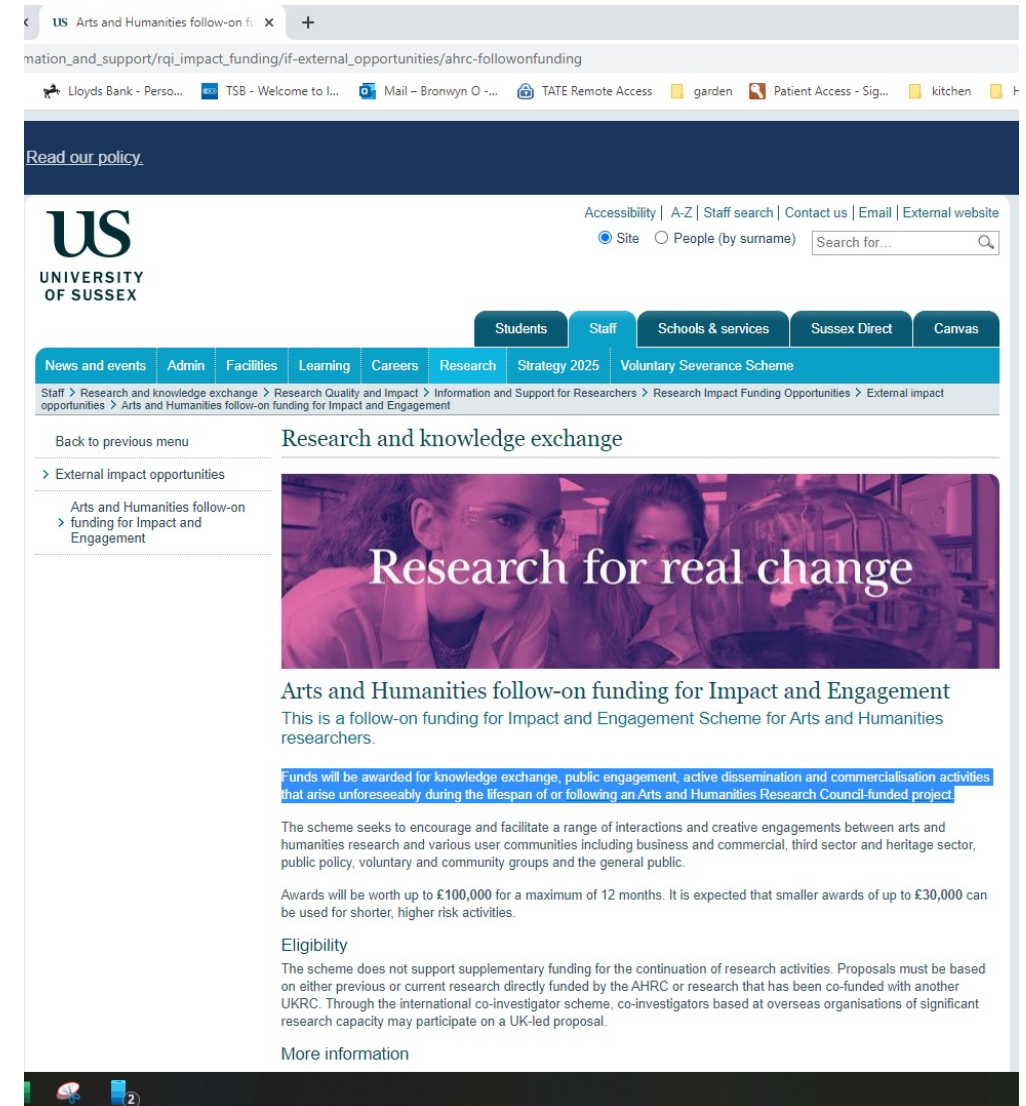
Explain how you will use the prize, to **engage the public** with your research; to show how the benefits of your research help make a contribution to various challenges and to help address UK Research and Innovation's equality, diversity and inclusion agenda.

£10,000 awarded

# Arts and Humanities follow-on funding for Impact and Engagement

Funds will be awarded for

- knowledge exchange, early/during/post activity
- public engagement, community engagement
- active dissemination – papers, events,
- commercialisation activities
- [http://www.sussex.ac.uk/staff/research/rqi/rqi\\_information\\_and\\_support/rqi\\_impact\\_funding/if-biologylifesciandmedical](http://www.sussex.ac.uk/staff/research/rqi/rqi_information_and_support/rqi_impact_funding/if-biologylifesciandmedical)



US Arts and Humanities follow-on fu... x +

mation\_and\_support/rqi\_impact\_funding/if-external\_opportunities/ahrc-followonfunding

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Arts and Humanities follow-on  
> funding for Impact and  
Engagement

## Research and knowledge exchange



### Research for real change

#### Arts and Humanities follow-on funding for Impact and Engagement

This is a follow-on funding for Impact and Engagement Scheme for Arts and Humanities researchers.

**Funds will be awarded for knowledge exchange, public engagement, active dissemination and commercialisation activities that arise unforeseeably during the lifespan of or following an Arts and Humanities Research Council-funded project**

The scheme seeks to encourage and facilitate a range of interactions and creative engagements between arts and humanities research and various user communities including business and commercial, third sector and heritage sector, public policy, voluntary and community groups and the general public.

Awards will be worth up to £100,000 for a maximum of 12 months. It is expected that smaller awards of up to £30,000 can be used for shorter, higher risk activities.

#### Eligibility

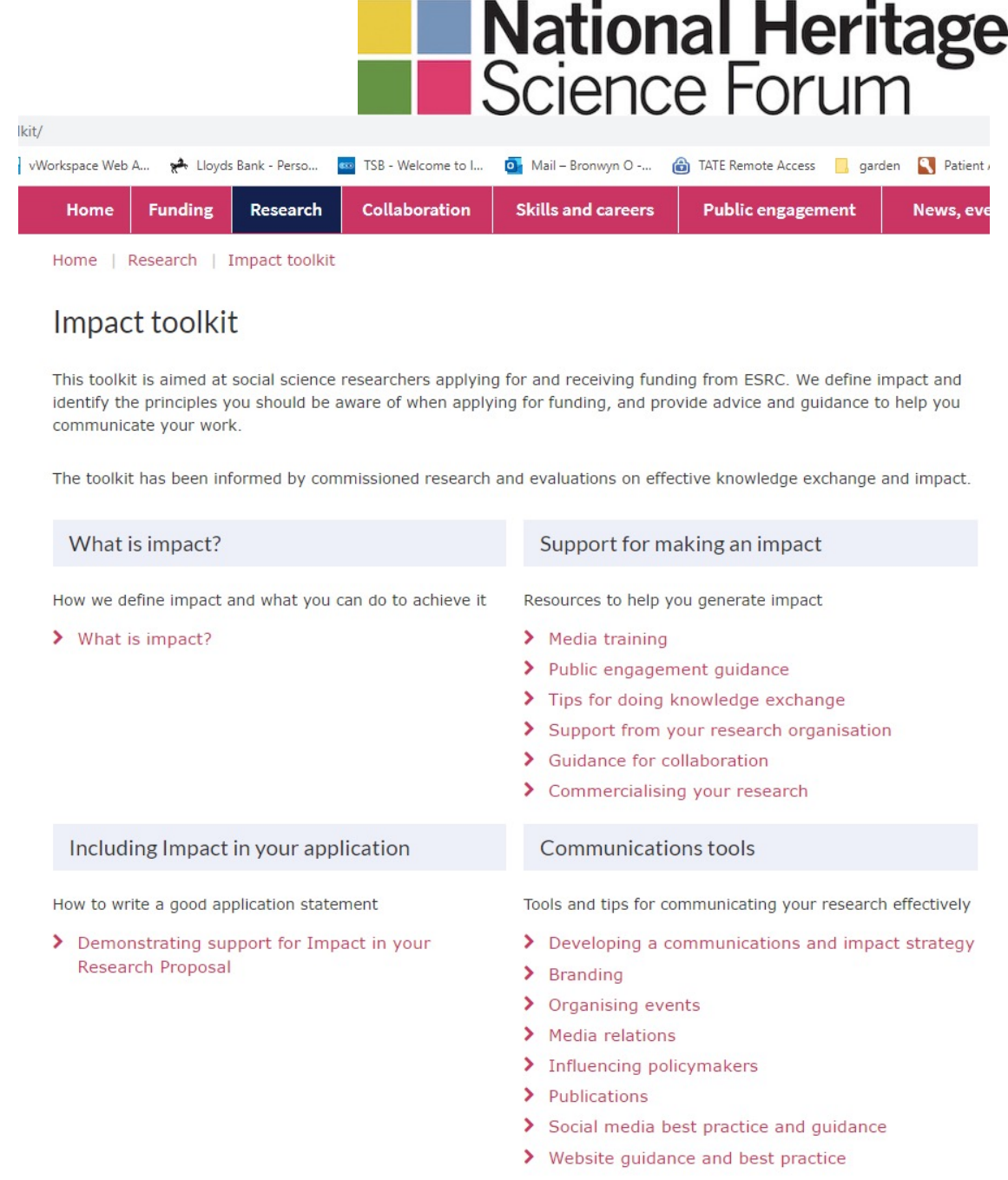
The scheme does not support supplementary funding for the continuation of research activities. Proposals must be based on either previous or current research directly funded by the AHRC or research that has been co-funded with another UKRC. Through the international co-investigator scheme, co-investigators based at overseas organisations of significant research capacity may participate on a UK-led proposal.

[More information](#)



# Impact tool kits: UKRI – ESRC (Economic and Social Research Council)

- We define research impact as 'the demonstrable contribution that excellent research makes to society and the economy'. This can involve academic impact, economic and societal impact or both:
- **Academic impact** is the demonstrable contribution that excellent social and economic research makes in shifting understanding and advancing scientific method, theory and application across and within disciplines
- **Economic and societal impact** is the demonstrable contribution that excellent social and economic research makes to society and the economy, and its benefits to individuals, organisations and/or nations.
- The impact of research, be it academic, economic and social can include:
- **Instrumental:** influencing the development of policy, practice or service provision, shaping legislation, altering behaviour
- **Conceptual:** contributing to the understanding of policy issues, reframing debates
- **Capacity building:** through technical and personal skill development.



The screenshot shows the National Heritage Science Forum website. The header features the organization's name and a logo with four colored squares (yellow, blue, green, pink). Below the header is a navigation bar with links: Home, Funding, Research, Collaboration, Skills and careers, Public engagement, and News, events. The main content area is titled 'Impact toolkit' and includes a brief description of the toolkit's purpose. It also lists several resources categorized under 'What is impact?', 'Support for making an impact', 'Including Impact in your application', and 'Communications tools'.

**National Heritage Science Forum**

lkit/

vWorkspace Web A... Lloyds Bank - Perso... TSB - Welcome to I... Mail - Bronwyn O -... TATE Remote Access garden Patient

[Home](#) [Funding](#) [Research](#) [Collaboration](#) [Skills and careers](#) [Public engagement](#) [News, events](#)

[Home](#) | [Research](#) | [Impact toolkit](#)

## Impact toolkit

This toolkit is aimed at social science researchers applying for and receiving funding from ESRC. We define impact and identify the principles you should be aware of when applying for funding, and provide advice and guidance to help you communicate your work.

The toolkit has been informed by commissioned research and evaluations on effective knowledge exchange and impact.

### What is impact?

How we define impact and what you can do to achieve it

- › [What is impact?](#)

### Support for making an impact

Resources to help you generate impact

- › [Media training](#)
- › [Public engagement guidance](#)
- › [Tips for doing knowledge exchange](#)
- › [Support from your research organisation](#)
- › [Guidance for collaboration](#)
- › [Commercialising your research](#)

### Including Impact in your application

How to write a good application statement

- › [Demonstrating support for Impact in your Research Proposal](#)

### Communications tools

Tools and tips for communicating your research effectively

- › [Developing a communications and impact strategy](#)
- › [Branding](#)
- › [Organising events](#)
- › [Media relations](#)
- › [Influencing policymakers](#)
- › [Publications](#)
- › [Social media best practice and guidance](#)
- › [Website guidance and best practice](#)

## ESRC (Economic and Social Research Council): Celebrating Impact Prize

<https://www.ukri.org/news/esrc-announces-finalists-for-prestigious-celebrating-impact-prize/>

- <https://esrc.ukri.org/research/impact-toolkit/>

## ESRC announces finalists for prestigious Celebrating Impact Prize



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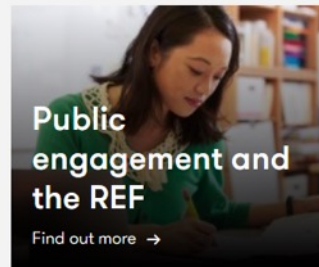
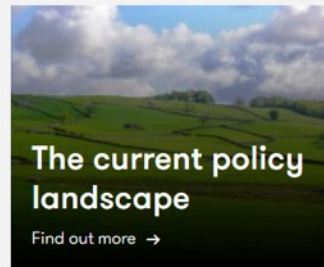
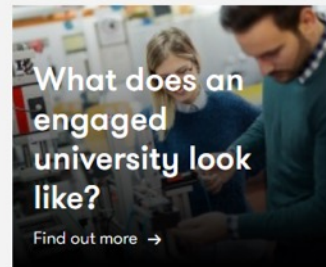
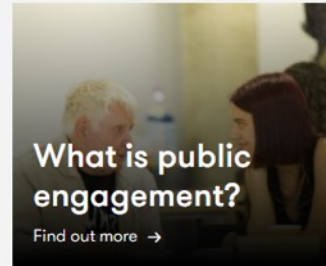
Subscribe

21 October 2020

The Economic and Social Research Council (ESRC) is pleased to announce the finalists for its Celebrating Impact Prize 2020.

## About engagement

What is public engagement and why does it matter to higher education?



National co-ordinating centre for public  
engagement (NCCPE)

<https://www.publicengagement.ac.uk/>

Funded by The National Co-ordinating Centre for Public Engagement (NCCPE) is funded by UK Research and Innovation, the devolved Higher Education funding bodies, and Wellcome.

# Academic sector examples



REF:

<https://www.rte.ie/brainstorm/2018/0417/955151-how-do-we-measure-the-impact-of-research/>

The REF assesses research across three areas:

- assessments of the quality of outputs,
- the impact of the research and
- the research environment of the unit that is submitted for assessment.
- Each component is assessed separately and then combined into an overall score.
- In REF 2014, societal impact was given a 20 percent weighting, while this figure has increased to 25 percent of the overall score for REF 2021.
- This suggests that demonstrating societal impacts will gain even greater importance in future funding decisions.
- <https://odi.org/en/publications/research-excellence-framework-ref-impact-toolkit/>

# REF Impact Toolkit (2018)

<https://www.odi.org/sites/odi.org.uk/files/resource-documents/12144.pdf>

<https://www.rte.ie/brainstorm/2018/0417/955151-how-do-we-measure-the-impact-of-research/>

<https://odi.org/en/publications/research-excellence-framework-ref-impact-toolkit/>



# Heritage sector examples

Browser tabs: Email - Bronwyn Ormsby - Outlook, 2020-10-30 WIP - OneDrive, To do re PPT for 6.11.20.docx - OneDrive, Impact NHSF PPT Aug 2020.ppt - OneDrive, Downloads, Resources - AIM - Association of Independent Museums

Address bar: <https://www.aim-museums.co.uk/helping-organisations/resources/>

Navigation bar: Home, vWorkspace Web A..., Lloyds Bank - Perso..., TS8 - Welcome to I..., Mail - Bronwyn O..., TATE Remote Access, garden, Patient Access - Sig..., kitchen, House, Music, PW, Cheap Energy Supp...

Association of Independent Museums

Homepage » Helping Organisations » Resources

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## Resources


Filter our Resources by the following categories:

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Purpose Trustees Visitor Focus


Type of resource:

☐ Success Guides ☐ Case Studies ☐ Research and Reports ☐ For Trustees




28/10/2020

coronavirus-resources/museum-reopening-guidance-checklist/ | S.Culture



28/10/2020



20/10/2020

This site  
Read about  
OK, N

Taskbar: File Explorer, Word, Chrome, PowerPoint, Excel, Edge, 2, Print

Association of  
Independent  
Museums -  
<https://www.aim-museums.co.uk/>

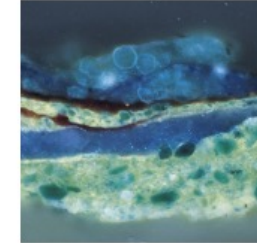
# Art Institute of Chicago

- Intersections in an Art Museum: Where Art Meets Science
- Brings together questions, processes, research and case studies to show how conservation and science stories give visitors new ways and perspectives for discovering and rediscovering the museum's collection
- <https://aic-web-cms-uploads.s3.us-east-2.amazonaws.com/nulle8c8bea4-977c-4d6c-8e8d-4f0eb34e0fd3/IntersectionsInAnArtMuseumWhereArtMeetsScience2.pdf>

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in an Art  
Museum?



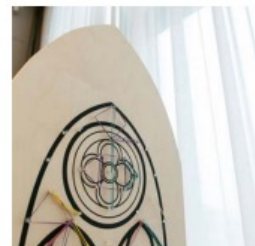
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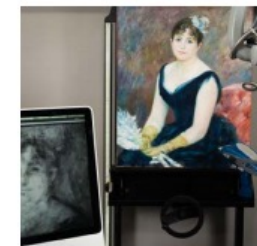
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# Heritage Science

- <https://www.iccrom.org/news/measuring-impact-heritage-science>
- 2015 Forum
- **Participants:**
  - Astrid Brandt-Grau ([Ministry of Culture and Communication, France](#))
  - Agnes Brokerhof (Netherlands Cultural Heritage Agency ([RCE](#)), The Netherlands)
  - Maartje de Boer (Netherlands Cultural Heritage Agency ([RCE](#)), The Netherlands)
  - Luisa Errichiello ([Institute for Research on Innovation and Services for Development \(IRISS\)-CNR](#), Italy)
  - Stavroula Golfomitsou (University College London Qatar ([UCL Qatar](#)), UK/Qatar)
  - Jianyun Li ([Tsinghua University NHC-THU](#), China)
  - Hans Mestdagh ([European Heritage Heads Forum](#))
  - Stefan Michalski ([Canadian Conservation Institute](#), Canada)
  - Austin Nevin ([IIC](#))
  - Petros Pashiardis ([Open University of Cyprus](#), Cyprus)
  - Luca Pezzati ([INO CNR](#), Italy)
  - Elena Ragazzi ([IRCrES](#) – Research Institute on Sustainable Economic Growth, CNR, Italy)
  - David Saunders ([Conservation and heritage science](#) consultant, UK)
  - Antonio Tintori ([IRPPS](#) – Istituto di Ricerche sulla Popolazione e le Politiche Sociali, CNR, Italy)

## Measuring the impact of heritage science

2015-07-15

**ICCROM Forum follow up: Think-tank meeting Evaluating the Outcomes of Heritage Science**

**How to measure impact? Where to start?**

Demonstrating impact is a high priority in many fields – especially those which rely on effective fundraising and public support for survival – and in recent years there has been increasing activity in this area with regard to culture and cultural heritage. However, while there is growing recognition of the importance of evaluating outcomes and impact, at the same time there are widespread difficulties in establishing common frameworks, language and methods. In other words, although it is easy to see the merits of the exercise, it remains difficult to apply in practice.

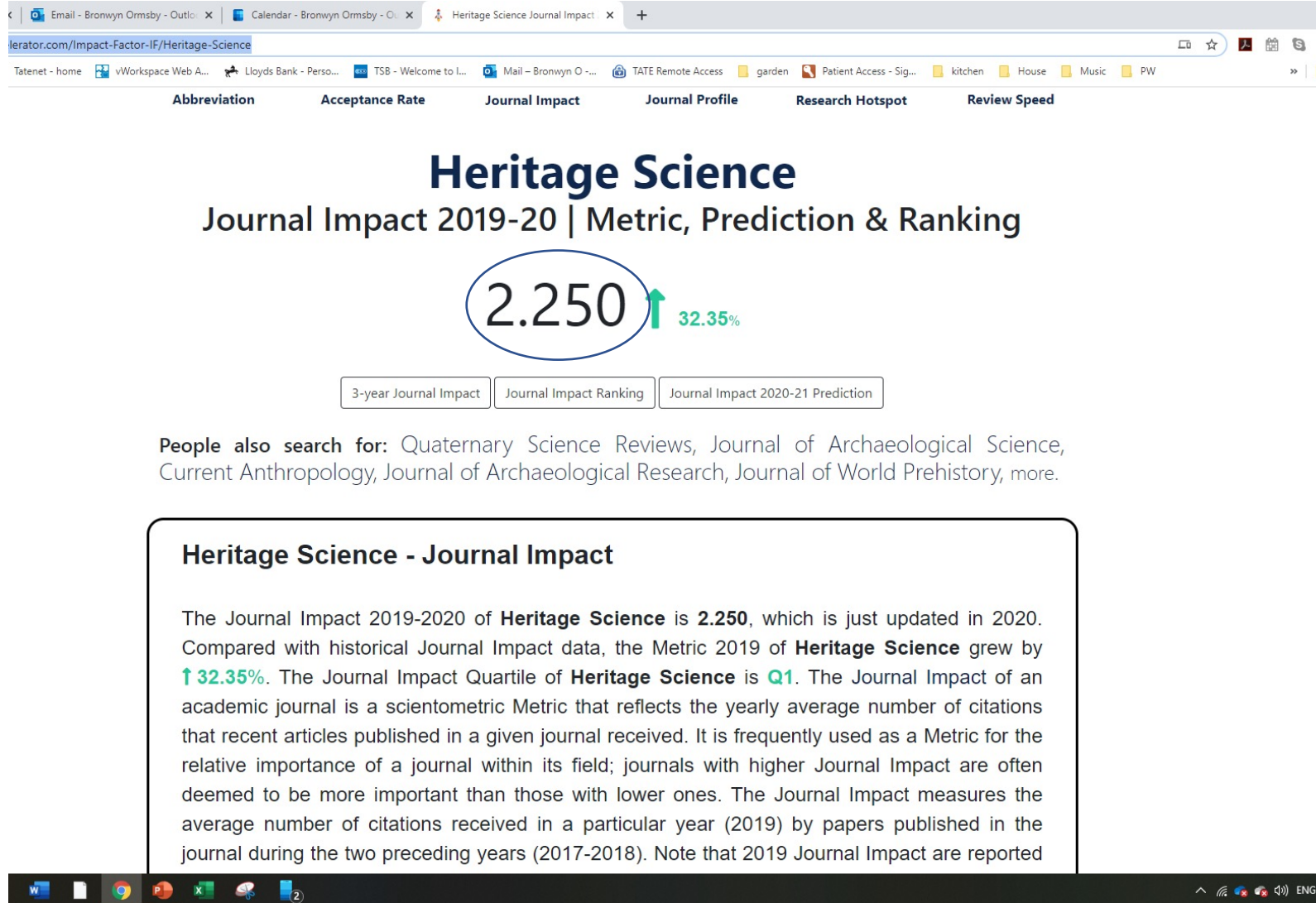
Heritage science, like many other specialized areas of applied research with limited funding resources, is under increasing pressure to demonstrate its relevance and delivery of benefit. This issue was highlighted during the 2013 ICCROM Forum on Conservation Science, which in its findings called for data gathering to evidence the outcomes of heritage science and their wider impact.

As a first step to tackle this issue, a think tank meeting was held at ICCROM on 9-10 July, gathering together participants from heritage science, social sciences, and cultural heritage statistics. The aim was to gain a clearer picture of methods used in other areas to evaluate needs and outcomes, and to explore the possibilities for applying these in a systematic and structured way to heritage science.

Key discussion points included at what levels and on what dimensions to focus, how this could work at international level, and how this could serve to enhance the relevance, visibility and strategic impact of heritage science.

Building upon the recommendations of this meeting, over the coming months ICCROM will undertake preliminary research in this area and develop a proposal for a two year pilot project to assess the feasibility of developing tools and collecting data to assess the impacts of heritage science.






Impact Factor:  
relevant  
publications  
<https://academic-accelerator.com/Impact-Factor-IF/Heritage-Science>





# Other examples



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# Museums, libraries and archives

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Museums, libraries and archives tell the stories of our cultural heritage. Through the objects, collections, film, documents and oral histories they hold they help to give us a sense of place and identity.



Science Foundation Ireland  
<https://www.sfi.ie/funding/award-management/research-impact/>

- SFI defines impact as the “demonstrable contribution that excellent research makes to society and the economy” SFI classifies the impacts of scientific research according to 8 pillars which are underpinned by 3 thematic areas
- SFI defined this framework as part of the Small Advanced Economies Initiative [“Broadening the Scope of Impact”](#). Impact matrices.
- Most closely aligned to UN Sustainable Development goals.

Key:

	3 points, core area/focus for impact
	2 points, moderate potential impact
	1 point, some potential impact

## Science Foundation Ireland – impact matrix

	Economic	Environment	Health & Wellbeing	Policy + public services	Human capacity	Society + International
Centre 1: Biofuel institute "X"	Potential creation of new fuel product	Reduction in emissions per km  Improved resilience for energy security		Understanding of lifecycle emissions, evidence for policy on use of fuel blends	Public awareness regarding appropriate use of biofuels and biofuel blends in vehicles	Contribution to global challenge of climate change
Centre 2: Molecular biology and bioengineering institute "Y"	Potential for development of new drug delivery devices		Modelling drug design/dosage to determine most effective treatments  Guidelines for best practice for medical professionals		Public engagement around use of personalised medicine  Clinical training	Positive impact on international relations- collaborations established with hospitals overseas.
Centre 3: Biodiversity institute "Z"		Increasing resilience of species at risk			Public engagement in prevention of spread of pests/foreign invasive species	Protecting National heritage + species of cultural importance
Centre 4: Microbiology "M"	Better food preservation for competitive edge	Reducing food waste	Reducing food poisoning	Guidelines for food labelling	Graduates for domestic industry	Reputational impact for exports

Figure 5: Example matrix to outline potential impact across the 6 pillars, for a portfolio of centres

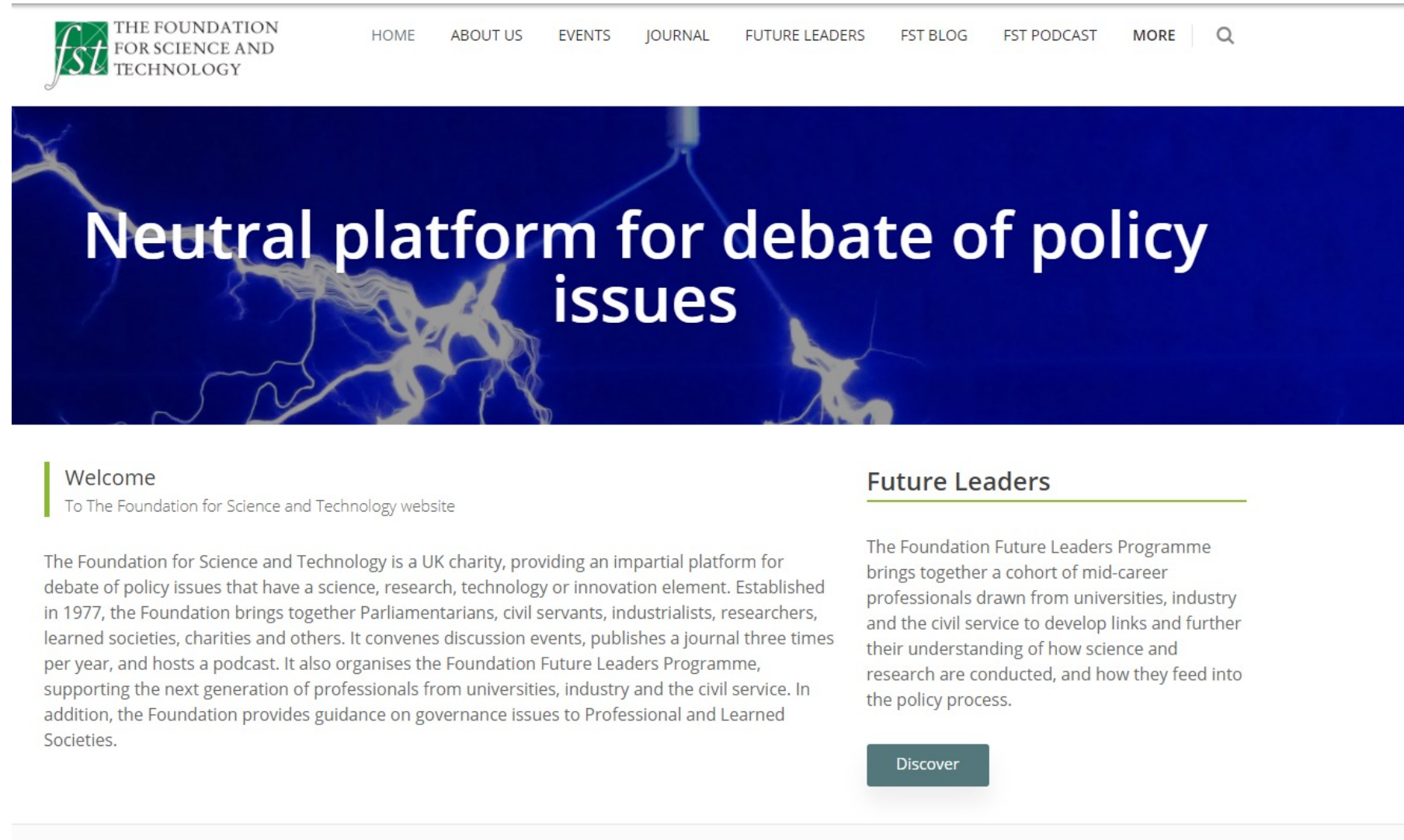
A potential advantage of the matrix is that it allows other stakeholders of the research centre/programme (political, beneficiaries, potential partners) to clearly see the proposed impact, which would then help in understanding the landscape, for example when choosing centres/programmes with which to get involved.

A variation on the framework could be to colour code based on timescales of impact (near-medium-long term) rather than level of effort accorded to each area.



# Foundation for Science and Technology

- <https://www.foundation.org.uk/>
- Advisory board
- The Foundation for Science and Technology provides an impartial platform for debate of policy issues that have a science, research, technology or innovation element. It is a registered charity and a registered company, and was established in 1977.



The screenshot shows the homepage of the Foundation for Science and Technology. At the top is a navigation bar with the 'fst' logo and the text 'THE FOUNDATION FOR SCIENCE AND TECHNOLOGY'. The navigation links are: HOME, ABOUT US, EVENTS, JOURNAL, FUTURE LEADERS, FST BLOG, FST PODCAST, MORE, and a search icon. Below the navigation bar is a large blue banner with a white lightning bolt graphic and the text 'Neutral platform for debate of policy issues'. Under the banner, there are two columns. The left column is titled 'Welcome' and contains the text: 'To The Foundation for Science and Technology website'. Below this is a paragraph: 'The Foundation for Science and Technology is a UK charity, providing an impartial platform for debate of policy issues that have a science, research, technology or innovation element. Established in 1977, the Foundation brings together Parliamentarians, civil servants, industrialists, researchers, learned societies, charities and others. It convenes discussion events, publishes a journal three times per year, and hosts a podcast. It also organises the Foundation Future Leaders Programme, supporting the next generation of professionals from universities, industry and the civil service. In addition, the Foundation provides guidance on governance issues to Professional and Learned Societies.' The right column is titled 'Future Leaders' and contains the text: 'The Foundation Future Leaders Programme brings together a cohort of mid-career professionals drawn from universities, industry and the civil service to develop links and further their understanding of how science and research are conducted, and how they feed into the policy process.' At the bottom of the right column is a green button labeled 'Discover'.

**THE FOUNDATION FOR SCIENCE AND TECHNOLOGY**

HOME ABOUT US EVENTS JOURNAL FUTURE LEADERS FST BLOG FST PODCAST MORE

## Neutral platform for debate of policy issues

### Welcome

To The Foundation for Science and Technology website

The Foundation for Science and Technology is a UK charity, providing an impartial platform for debate of policy issues that have a science, research, technology or innovation element. Established in 1977, the Foundation brings together Parliamentarians, civil servants, industrialists, researchers, learned societies, charities and others. It convenes discussion events, publishes a journal three times per year, and hosts a podcast. It also organises the Foundation Future Leaders Programme, supporting the next generation of professionals from universities, industry and the civil service. In addition, the Foundation provides guidance on governance issues to Professional and Learned Societies.

### Future Leaders

The Foundation Future Leaders Programme brings together a cohort of mid-career professionals drawn from universities, industry and the civil service to develop links and further their understanding of how science and research are conducted, and how they feed into the policy process.

Discover



Dorset Council (Arts Council  
England) funding - tourism  
Social impact toolkit:

<https://theartsdevelopmentcompany.org.uk/resources/social-impact-toolkit-how-to-measure-it/>

## SOCIAL IMPACT TOOLKIT: HOW TO MEASURE IT



### How do we measure social impact?

Once we have an understanding of what social impact is and why we should measure it, we come on to the 'how'. What are the processes, tools and techniques we need to put in place to measure social impact effectively?

## Various toolkit websites:

- <https://www.theguardian.com/society-professionals/2015/nov/20/measuring-impact-a-guide-to-resources-and-tools>
- <https://impacttoolkit.thegiin.org/>
- <https://mooreks.co.uk/wp-content/uploads/2020/05/Impact-Measurement-Toolkit.pdf>
- <https://toolkits.knowledgesuccess.org/toolkits/family-planning-advocacy/measuring-impact>
- <https://www.sdduonline.leeds.ac.uk/impact-toolkit/resources/#forward>

# Evidencing Impact – various websites

- <https://www.research-strategy.admin.cam.ac.uk/impact/evidencing-impact>
- <https://www.sdduonline.leeds.ac.uk/impactresources/evidencing-impact/>
- [https://www.ucl.ac.uk/culture/sites/culture/files/event\\_evaluation\\_0.pdf](https://www.ucl.ac.uk/culture/sites/culture/files/event_evaluation_0.pdf)
- <https://www.theguardian.com/social-enterprise-network/2012/dec/12/best-bits-measuring-demonstrating-impact>
- <https://www.sdduonline.leeds.ac.uk/impactresources/evidencing-impact/>

# Recommendations to the working group

- Tool kit language to be aligned with national/international performance impact system methodologies
- Impact may need to be demonstrated to our own organizations.
- Any benefit/impact study should allow our sector to speak to other sectors.
- NHSF can recommend that all projects consider a standard set of impact/benefit parameters.
- Aggregating individual pieces of impact e.g. tracking dissemination (log) - aggregating across multiple projects via a logging system to be hosted by NHSF allows the start of a holistic understanding of our activities. Example suggested by WG member - <https://plus.dimensions.ai/support/home>
- Not currently considering building an actual methodology stand alone, but drawing on what is out there.
- Impact and public engagement
- Engaged communication and impact specialist in academia/museums. <https://www.kings.cam.ac.uk/research/fellows/james-dolan>
- Particular interest: REF, SFI, DCMS, (AIM?)





# 4 key recommendations

## Recommendation 1:

Capturing the impact of heritage science involves demonstrating the contribution that the application of science and technology to understanding heritage, the management of heritage and engagement with heritage makes to society, the economy and new knowledge.

Do NHSF members agree?

## Recommendation 2:

**An impact toolkit should be developed by NHSF, in consultation with and for the benefit of the wider heritage science community, that adapts and re-uses existing methods of assessing impact as far as possible.**

## Recommendation 3:

The following three methods could be adapted to form part of the heritage science impact toolkit

- ODI REF impact toolkit (for planning)
- Science Foundation Ireland matrix (to map activity/projects to a range of values (societal challenges))
- DCMS Culture and Heritage Capital Framework (emerging methodology for economic assessment)

## Recommendation 4:

**NHSF convenes a series of workshops or roundtables to consult the heritage science community, key stakeholders and end users, on the development of an impact framework (identification of indicators and metrics) to form part of the toolkit.**