GEUM Initiatives in the UK

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Research Team

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Available Census Data

- Research Excellence Framework (REF) http://www.ref.ac.uk/
 - **Publications**
 - Impact cases
 - Research groups
 - Staff members
 - Research outputs
 - **Environment evaluation**
- Gateway to Research http://gtr.rcuk.ac.uk/resources/about.html
 - Publicly funded research
 - **Projects**
 - **Outcomes**
- Researchfish http://www.researchfish.com/
 - Comprehensive Reporting of Research Outcomes (over 140 member institutions and growing)
- Hefce http://www.hefce.ac.uk/pubs/rereports/Year/2016/ketech/Title,109539,en.html#index
 - REF Impact http://www.hefce.ac.uk/rsrch/REFimpact/
- UK DATA Archive http://www.data-archive.ac.uk/









The UK Metrics Industry



RESEARCH COUNCILS UK The impact of doctoral careers



CROSSING PATHS

A Review of the LIK's terdisciplinary Research using a Citiation based Approach part in the lot left funding building and AFC by

Impact Report 2014



Building on Success and

An Independent Review of the Research

Expellence Framework

Learning from Experience

RESEARCH

The nature, scale

and beneficiaries

of research impact

Research evaluation report Outputs, outcomes and impact of BHF-funded research: 2014-15



Economic 2014-15



hefce

DIGITAL

Publication patterns in research underpinning impact

A report to HEFCE by Digital Science

Research

Excellence

The results

Framework 2014:

July 2016

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The Metric Tide

The Metric Tide

Literature Review Representate Player's to the Independent Review of the Role of

Name of Street Name and Address of the Owner, where

Higher Education - Business and Community Interaction

2012-13



Corporate Strategy

2010-2020

The non-scademic impact of international development research in UK Higher Education

Asserts using the MEE 2004 impart cast studies

Balta Hissorie, Asian Kampureshit, Louise Bouits, Josephan Court

Propared by the UK Collaboration on Development Bourse STOCKE

Police Rosser's Paper

21 Nov 2017

An analysis of the impact of research supported by the UI National Institute of Health Research







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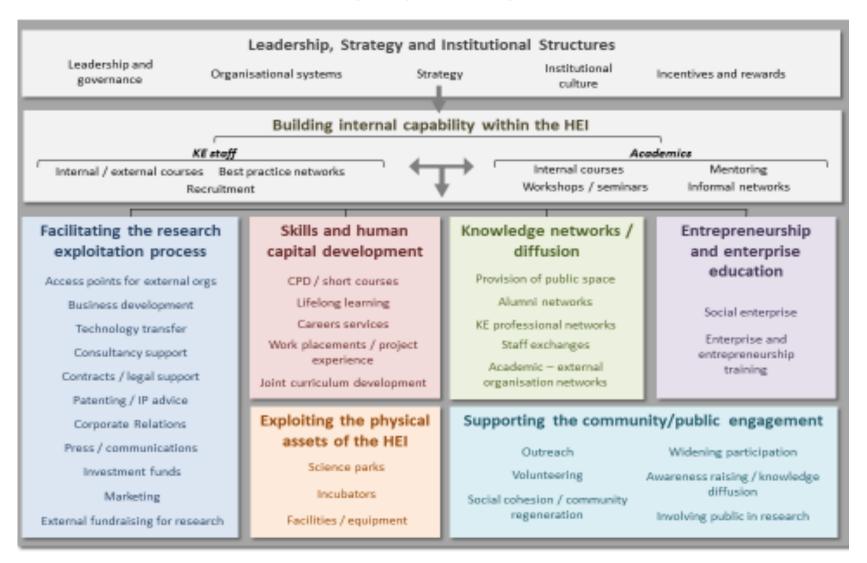
Research Performance and Economic Impact Report 2014-15

Drivers of the Metric Tide

- To communicate with stakeholders
- To provide a strong evidence base to support continued funding
- To justify efficient public spending
- To support performance evaluation
- To enable evidence based policy/strategy discussions
- To support accountability in funding decisions
- To support an improved understanding of research

Example of Measuring HE Institutional Performance

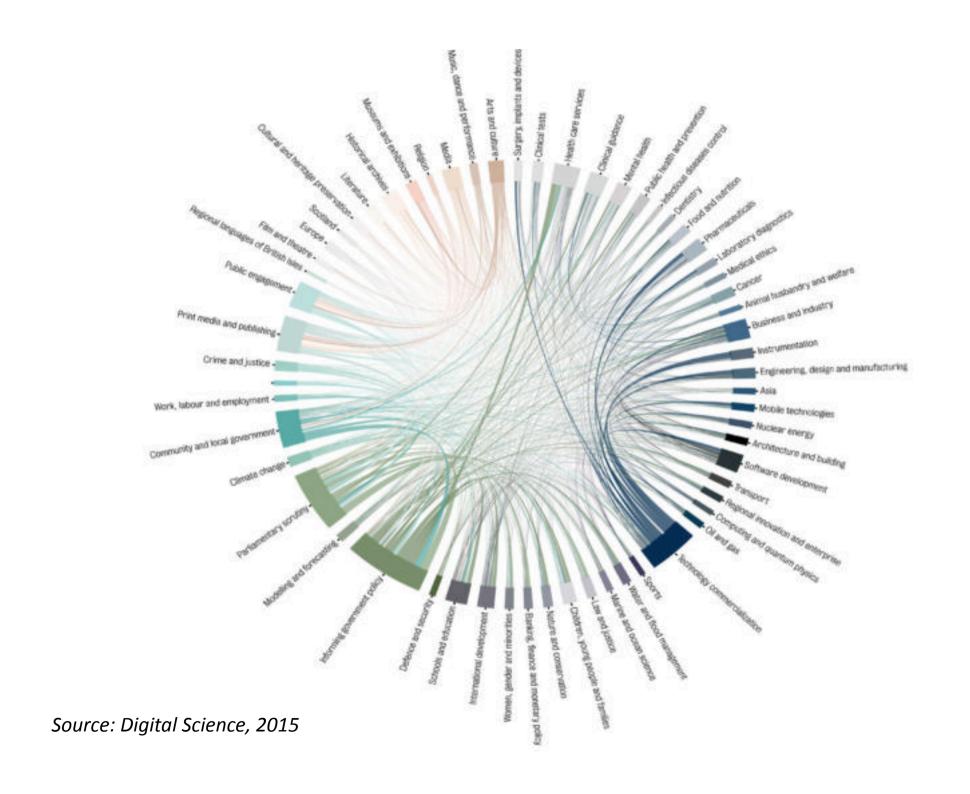
(KE Capacity and Competencies)

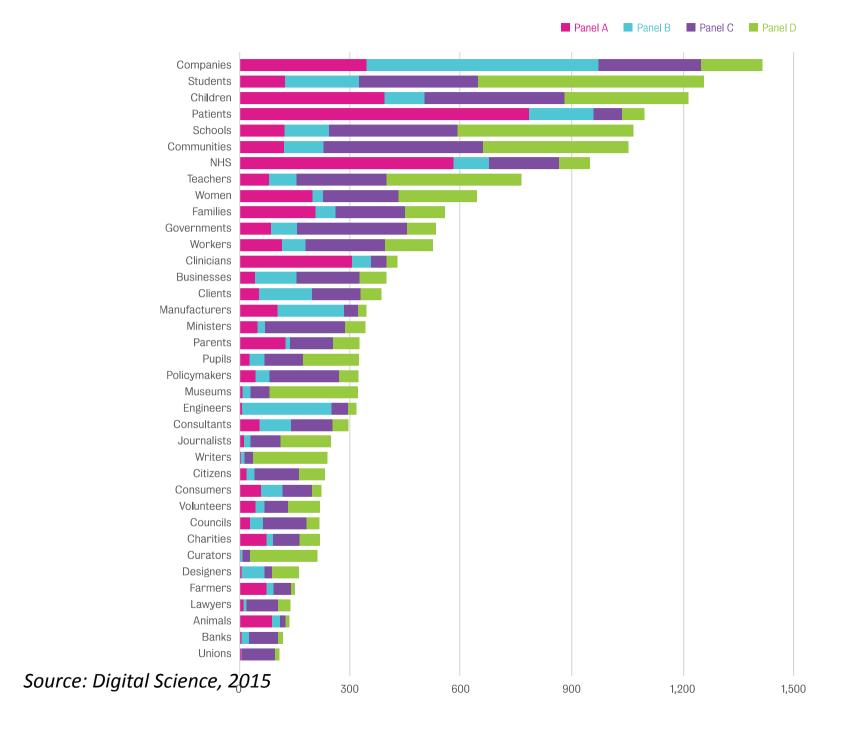


Source: T Coates-Ulrichsen, Centre for Science, Technology and Innovation, University of Cambridge, In: *University Knowledge Exchange (KE)*Framework: good practice in technology transfer. Report to the UK higher education sector and HEFCE by the McMillan group, September 2016.

UK metrics-based policy instruments to incentivise HEIs' KE engagement

- Higher Education Business and Community Interaction
 (HEBCI) survey: collects data on HEIs KE performance (1999-)
- Higher Education Innovation Fund (HEIF): awarded to HEIs based on their KE performance (about £130 million per year) (2001-)
- Research Excellence Framework (REF): assigns part of research funding based on research impact cases (20% of all research funds) (2014-)
 - Impact case studies allow HEIs to showcase a much broader range of KE
 impacts than standard metrics like those collected through HEBCI





GEUM UK: Addressing key issues in impact assessment

- THEME 1: Promoting better impact assessment
 - How do KE processes generate impact?
 - Are there differences between institutions, subjects, locations, in how impact is generated?
 - What are the relevant dimensions to be considered in impact assessment?
- Method: Content analysis of existing case studies extracted from the REF impact case studies database

GEUM UK: Addressing key issues in impact assessment

- THEME 2: Promoting better understanding of the role of institutions in impact generation processes
 - What are the business and university institutional support structures, competencies and practices that support impact generation processes?
 - How do these elements support impact from interdisciplinary research?
- Method: Qualitative interviews with actors involved in the preparation of REF impact case studies

GEUM UK: Addressing key issues in impact assessment

- THEME 3: Promoting better use of existing impact case studies data (7000+ case studies from REF 2014)
 - Can we derive more standardized metrics to capture research impact from existing case studies?
- Method: Text mining of existing case studies extracted from the REF impact case studies database

Research plan

Theme 1: Promoting better impact assessment

Review of literature and evidence

Content analysis of impact cases

Theme 2: Promoting better understanding of the role of institutions in impact generation processes

Qualitative interviews with stakeholders involved in impact case studies preparation

Theme 3: : Promoting better use of existing impact case studies data

Text mining of impact cases with the purpose of identifying new metrics



