



# Impact of Social Sciences & Humanities

4-5 October 2018, Copenhagen

Tivoli Gardens

Welcome to the international conference on

# The Impact Agenda for Social Sciences & Humanities

AESIS

NETWORK FOR  
ADVANCING & EVALUATING THE SOCIETAL IMPACT OF SCIENCE

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# Impact of Social Sciences & Humanities

4-5 October 2018, Copenhagen

**Lumbye Hall, 09.00-11.00**

## **Plenary Opening**

*Welcome by: David Budtz Pedersen*

*Agnete Gersin*

*David Skorton*

*Mihiri Seneviratne*

*Michael Shanks*

*Miranda Nunhofer & Eric Moran*

 @HumanomicsMap

# The Impact Agenda of Humanities and Social Sciences

David Budtz Pedersen  
Professor of Science Communication  
Conference Chair  
Aalborg University Copenhagen

4 October 2018  
AESIS #SSH18



AALBORG UNIVERSITET

# Welcome to Copenhagen!



# Partners

**AESIS**

NETWORK FOR  
ADVANCING & EVALUATING THE SOCIETAL IMPACT OF SCIENCE



**novo  
nordisk  
fonden**



**Copenhagen  
Business School**  
HANDELSHØJSKOLEN

**ACCOMPLISSH**

# Conference Steering Committee

David Budtz Pedersen

Thomas Alslev Christensen

Rick Delbridge

Alan Irwin

Wendy Naus

Sharon Smit

James Wilsdon

Tim Wilson

Humanomics

Novo Nordisk Fonden

Social Science Research Park, Cardiff

Copenhagen Business School (CBS)

COSSA

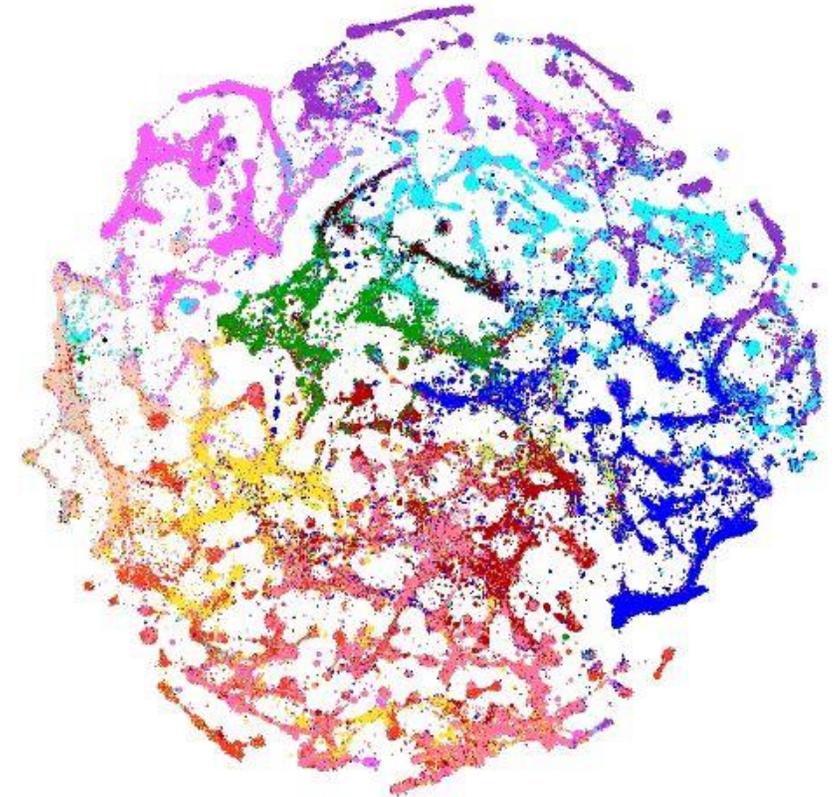
ACCOMPLISSH

Campaign for Social Science

Social Sciences and Humanities Research  
Council Canada

# Humanomics Research Centre

- ❑ Meta-research unit focused on studying the interdisciplinary and societal impact of humanities and social sciences (SSH).
- ❑ Provide decision-makers and researchers with the skills and knowledge needed to support and develop impact indicators for SSH research.
- ❑ 15 researchers, grants: Velux Foundation, Danish Council for Independent Research, European Commission, Danish Ministry of Science etc.



Productive interactions:  
societal impact of  
academic research  
in the knowledge society

LERU position paper  
March 2017

**LE  
RU** PUSHING  
THE FRONTIERS  
OF INNOVATIVE  
RESEARCH

- University of Amsterdam • Universitat de Barcelona • University of Cambridge • University of Copenhagen
- Trinity College Dublin • University of Edinburgh • University of Freiburg • Université de Genève
- Universität Heidelberg • University of Helsinki • Universitat de Lleida • KU Leuven
- Imperial College London • University College London • Lund University • University of Milan
- Ludwig-Maximilians-Universität München • University of Oxford • Pierre & Marie Curie University
- Université Paris-Sud • University of Strasbourg • Utrecht University • University of Zurich

**IMPACT**

Redskaber og  
metoder til måling  
af forskningens  
gennemslagskraft

David Budtz Pedersen  
Aalborg Universitet København

**DET FRIE  
FORSKINGSRÅD  
DANISH COUNCIL  
FOR INDEPENDENT  
RESEARCH**

**Science Europe  
Position Statement**

One New Vision for More Meaningful  
Research Impact Assessment  
July 2017

**SCIENCE  
EUROPE**  
The High Ambitions of Europe

European  
Commission

**LAB – FAB – APP**

Investing in the European  
future we want

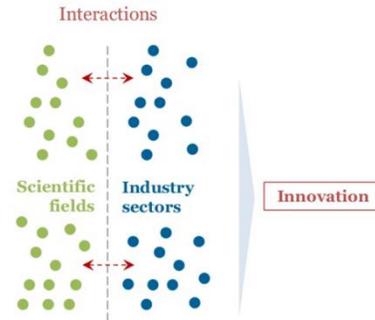
Report of the independent High Level Group  
on maximising the impact of  
EU Research & Innovation Programmes

Research and  
Innovation

# A hot topic in SSH

Assessing the contributions of specific scientific disciplines to industrial innovation

- 3 Activity overview
- In-depth analysis on **interactions** (including direction and intensity) between specific scientific fields & economic sectors
  - Identification of scientific fields contributing most to specific sectors
  - Methodologies** to enable systematic & cross-country analysis of science-industry links



- Objectives
- Provide **cross-country evidence** on science-industry linkages, including hiring patterns of graduates from different disciplines by different industries
  - Discuss **methodologies** for best conducting such assessments



## R-QUEST

Center for Research Quality and Policy Impact Studies

- HOME
- RESEARCH
- PEOPLE & ORGANISATIONS
- PUBLICATIONS
- EVENTS
- NEWS
- CONTACT

## RESEARCH QUALITY AND POLICY IMPACT

Quality in research is a highly prioritized, but also a much debated issue in research policy. The Centre for Research Quality and Policy Impact Studies (R-QUEST) constitutes an 8-year commitment to explore the nature and mechanisms of research quality – funded by the RCN FORINNPOL initiative. The centre will address three closely related questions:

funded by the European Union's Horizon 2020 research programme under grant agreement No 693477

UiO: University of Oslo

For employees Norwegian website Search

## OSIRIS - Oslo Institute for Research on the Impact of Science

A part of TIK Centre for Technology, Innovation and Culture at Faculty of Social Sciences

## ACCOMPLISSH

Accelerate CO-creation by setting up a Multi-actor Platform for Impact from Social Sciences and Humanities

Partners

Participant No*	Participant organisation name	Country
1	University of Groningen	NL
2	University of Glasgow	UK
3	University of Copenhagen	DK
4	Dalarna University	SE
5	Newcastle University	UK
6	University of Zagreb	HR
7	University of Tartu	EE
8	Sapienza University of Rome	IT
9	University of Göttingen	DE
10	University of Debrecen	HU
11	University of Ghent	BE
12	University of Barcelona	ES
13	Tallinn University	EE
14	University of Coimbra	PT

# The Impact Agenda of SSH

- ❑ Universities and research units are expected to establish **a track record for impact** (for careers, funding, accountability etc.)
- ❑ Broader societal impact has become an obligatory component of research evaluation (EU, SIAMPI, IMPACT-EVT, REF, NSF, SEP etc.)
- ❑ ‘Grand challenges’ H2020, ‘Societal Missions/Moonshots’ for FP9
- ❑ Considerable dissatisfaction with the way science relates to economy & society (post-truth, post-trust, AI, biotech, **crisis of humanities**)
- ❑ “Failure” of translation mainly related to the science system and scientists (many studies, e.g. ESRC 2009, Young 2008)

**The world is calling**

**... who is answering?**

# Open Forum Davos 2018

WORLD  
ECONOMIC  
FORUM

COMMITTED TO  
IMPROVING THE STATE  
OF THE WORLD

WORLD ECONOMIC FORUM  
COMMITTED TO IMPROVING THE STATE OF THE WORLD

## Open Forum Davos 2018



WORLD ECONOMIC FORUM  
COMMITTED TO IMPROVING THE STATE OF THE WORLD

WORLD  
ECONOM  
FORUM

COMMITTED TO  
IMPROVING THE STA  
OF THE WORLD

# Democracy in a Post Truth Era



Brexit + Add to myFT

### Britain has had enough of experts, says Gove

Brexit campaigner offers to have disputed EU contribution figure audited

Justice Secretary Michael Gove takes part in a live Sky News Q&A on Brexit © PA

JUNE 1, 2016 by Henry Mance, Political correspondent

Michael Gove has refused to name any economists who back Britain's exit from the European Union, saying that "people in this country have had enough of experts".

The justice secretary, appearing in a Sky News question and answer session, made a calm, understated case for Brexit – based largely on a promise of no net reliance rather than fears of immigration.

He said that Vote Leave, the official Out campaign, would publish more detailed economic plans next week. So far it has said the UK could cut VAT on fuel and "additional millions" on the NHS.

# TRUTH DECAY

An Initial Exploration of the Diminishing Role of Facts and Analysis in American Public Life

Jennifer Kavanagh & Michael D. Rich

DIIS REPORT 2017: 05

## RUSSIAN HYBRID WARFARE

A study of disinformation

The New Disruptors / Palestinian Hope / Fall's Best Books

# TIME

WHO IS TELLING THE TRUTH?

## THE FACT WARS

Romney <Obama> Obama

# WIRED

## THE INTERNET IS BROKEN

TIM BERNERS-LEE, JIMMY WALES, JARON LANIER, VINT CERF & WENDY HALL ON WHY WE NEED A NET RESET

HERE'S HOW TO FIX IT

Never in everyone's hands when self-taught.

WikiScholar: A book? I can find all the info I need online for free, thank you very much.

AgentusIRL: Is that really how you spell expertise?

AnAmPaTr: According to my lister reason to as

DrMom\_312: This title just sounds like yet another elitist appeal to authority.

Luv2Read: And why do we care what this so called "expert" has to say???

# THE DEATH OF EXPERTISE

The Campaign Against Established Knowledge and Why it Matters

## TOM NICHOLS

WebSurfBum: Check out this great cat video from

## Protecting European democracy in a post-truth society

ALDE Seminar hosted by ALDE MEPs  
 Marietje Schaake  
 Petras Auštrevičius  
 Morten Løkkegaard

Wednesday 6 September 2017  
 15:00-18:00  
 European Parliament Brussels -JAN 4Q1  
 Register at [alde.eu/events](http://alde.eu/events)

# THE POST-TRUTH ERA

Dishonesty and Deception in Contemporary Life

## RALPH KEYES

The Economist

SEPTEMBER 16TH - 22ND 2016

How to fix the National Health Service  
 What is Gulenism?  
 Introverts: overlooked and undervalued  
 Rise of the wooden skyscraper

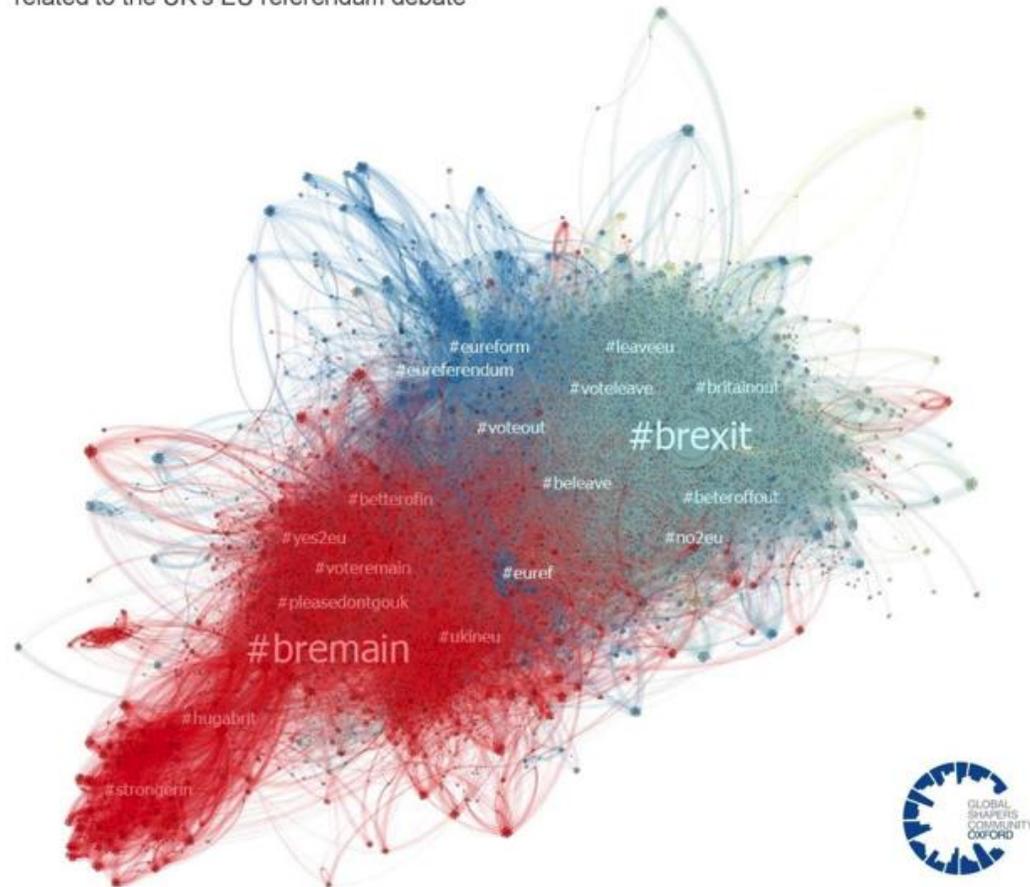
# Art of the lie

Post-truth politics in the age of social media

## The EU referendum debate in the UK

### Mapping polarization on social media

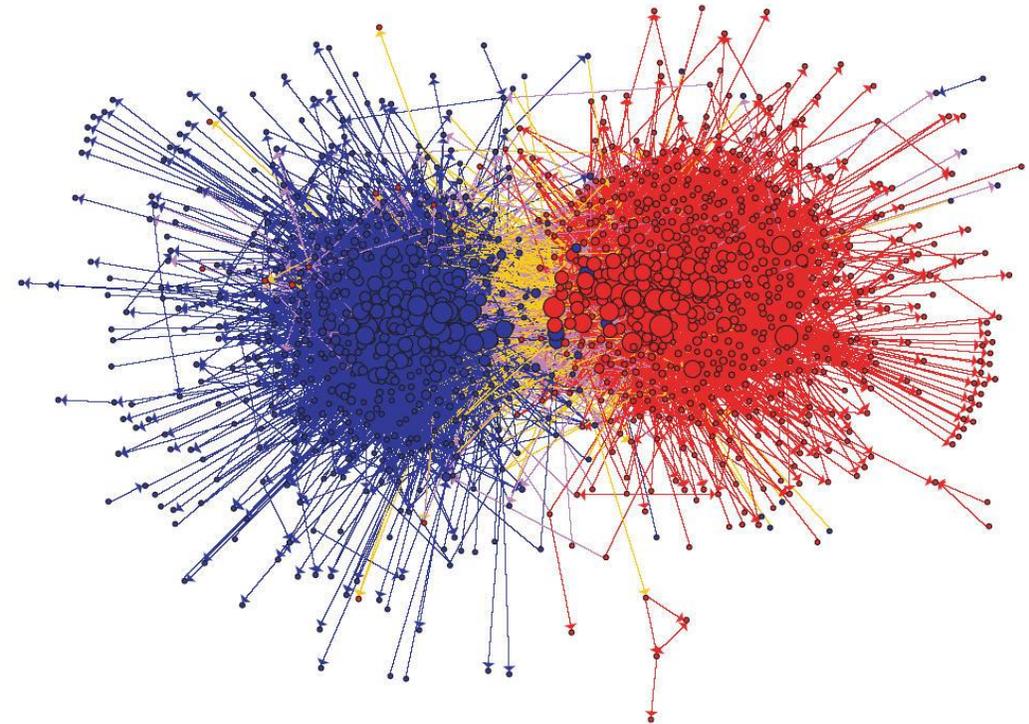
Semantic network analysis of 13,310 co-occurring hashtags on Instagram related to the UK's EU referendum debate



Source: Data visualisation and analysis provided by Vyacheslav Polonski, a Global Shaper from the Oxford Hub

## Political blogosphere US Election

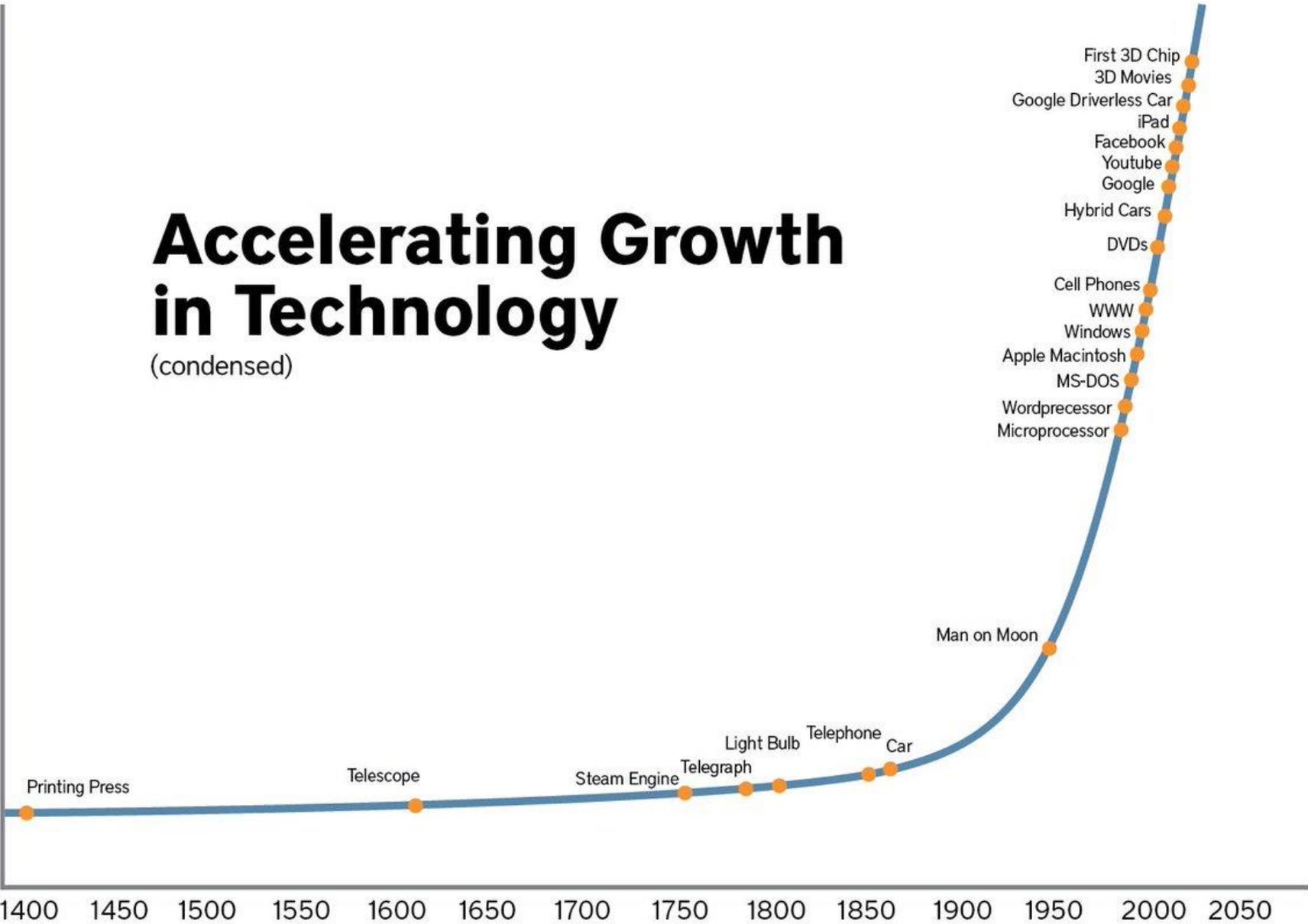
Co-citation structure of political blogs. Colors reflect political orientation: red for conservative, blue for liberal, orange links go from liberal to conservative



Online social networks appear to be strongly homophilous and polarized

# Accelerating Growth in Technology

(condensed)







# SUSTAINABLE DEVELOPMENT GOALS

**1** NO POVERTY

**2** ZERO HUNGER

**3** GOOD HEALTH AND WELL-BEING

**4** QUALITY EDUCATION

**5** GENDER EQUALITY

**6** CLEAN WATER AND SANITATION

**7** AFFORDABLE AND CLEAN ENERGY

**8** DECENT WORK AND ECONOMIC GROWTH

**9** INDUSTRY, INNOVATION AND INFRASTRUCTURE

**10** REDUCED INEQUALITIES

**11** SUSTAINABLE CITIES AND COMMUNITIES

**12** RESPONSIBLE CONSUMPTION AND PRODUCTION

**13** CLIMATE ACTION

**14** LIFE BELOW WATER

**15** LIFE ON LAND

**16** PEACE, JUSTICE AND STRONG INSTITUTIONS

**17** PARTNERSHIPS FOR THE GOALS

  
SUSTAINABLE DEVELOPMENT GOALS



# International Panel on Social Progress

Rethinking Society for the 21st Century

[Download Information](#)



**Are SSH ready?**

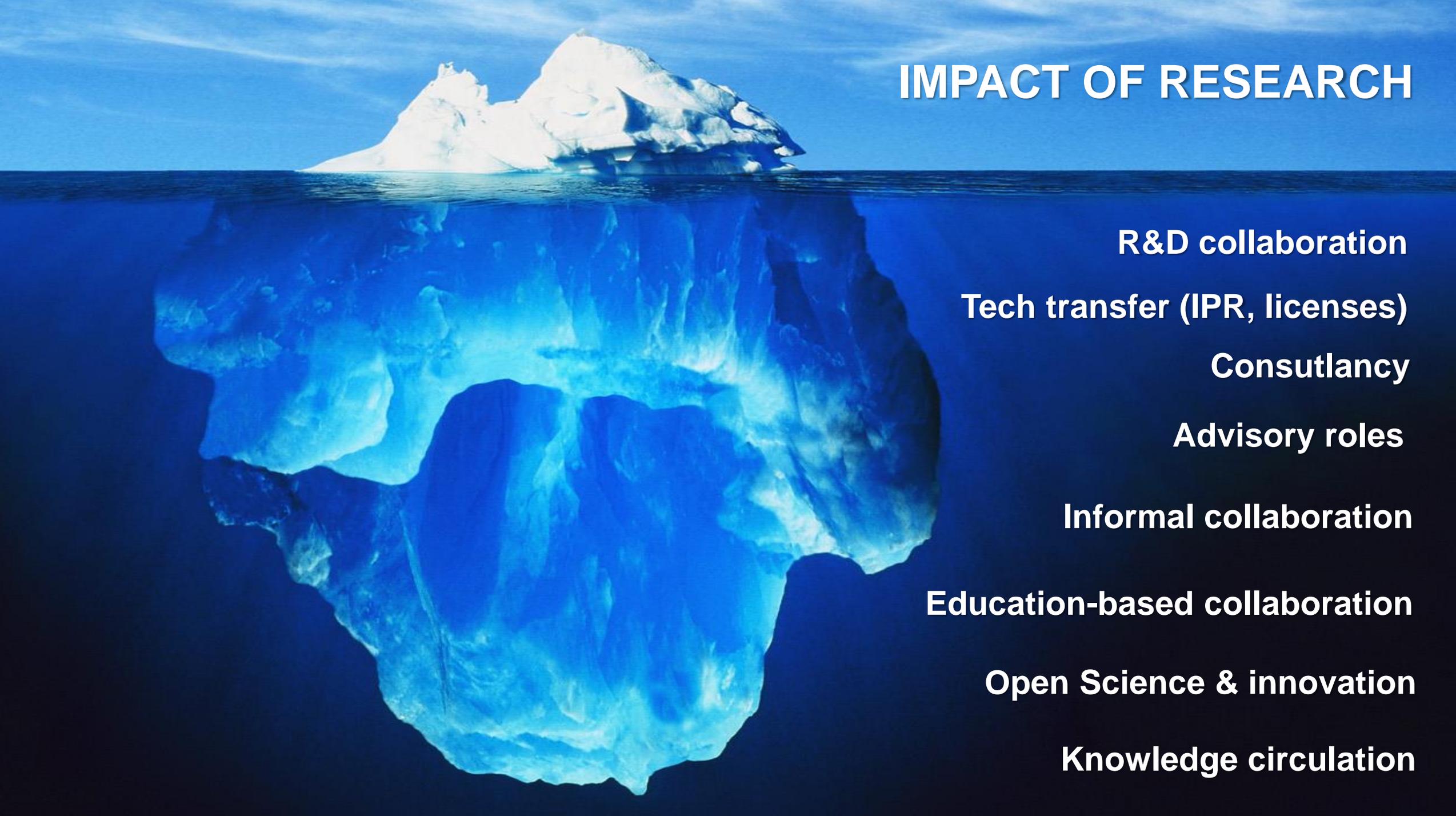
**EDITORIAL** • 03 JANUARY 2018

# Reward research that changes society

*Tracking societal impacts encourages academics to pursue them. The launch of three new Nature journals should also help.*



Work to improve water quality in northern England shows how science has direct impact on society. Credit: ESDY Photography/Alamy

An iceberg floating in the ocean. The visible tip is small and jagged, while the submerged part is much larger and more complex. The sky is blue with light clouds, and the water is a deep blue. The text is overlaid on the right side of the image.

# IMPACT OF RESEARCH

**R&D collaboration**

**Tech transfer (IPR, licenses)**

**Consultancy**

**Advisory roles**

**Informal collaboration**

**Education-based collaboration**

**Open Science & innovation**

**Knowledge circulation**

# Enjoy the conference

David Budtz Pedersen: [davidp@hum.aau.dk](mailto:davidp@hum.aau.dk)

Twitter: @HumanomicsMap

Website: <http://mapping-humanities.dk>

Supported by

VELUX FONDEN



Humanistiske  
universitetsforskeres  
vidensformidling og  
videnssamarbejde

Lasse Gøhler Johansson  
David Budtz Pedersen  
Frederik Stjernfelt

humanomics

AALBØR UNIVERSITET

A decorative background at the top of the slide featuring a network diagram with red and black nodes connected by thin lines, set against a light red gradient.

# Impact of Social Sciences & Humanities

4-5 October 2018, Copenhagen

## Plenary opening

Agnete Gersing

*Permanent Secretary at the Ministry of Higher Education and Science,  
Denmark*

A decorative background at the top of the slide features a network diagram with various sized red and black nodes connected by thin lines, set against a light red gradient.

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## Plenary opening

# David Skorton

*Secretary (CEO), Smithsonian Institution, Washington D.C.*

*& Former President of Cornell University, USA*

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## Plenary opening

Mihiri Seneviratne

*Senior Policy Advisor of the Government's What Works Team,  
Cabinet's office, UK*

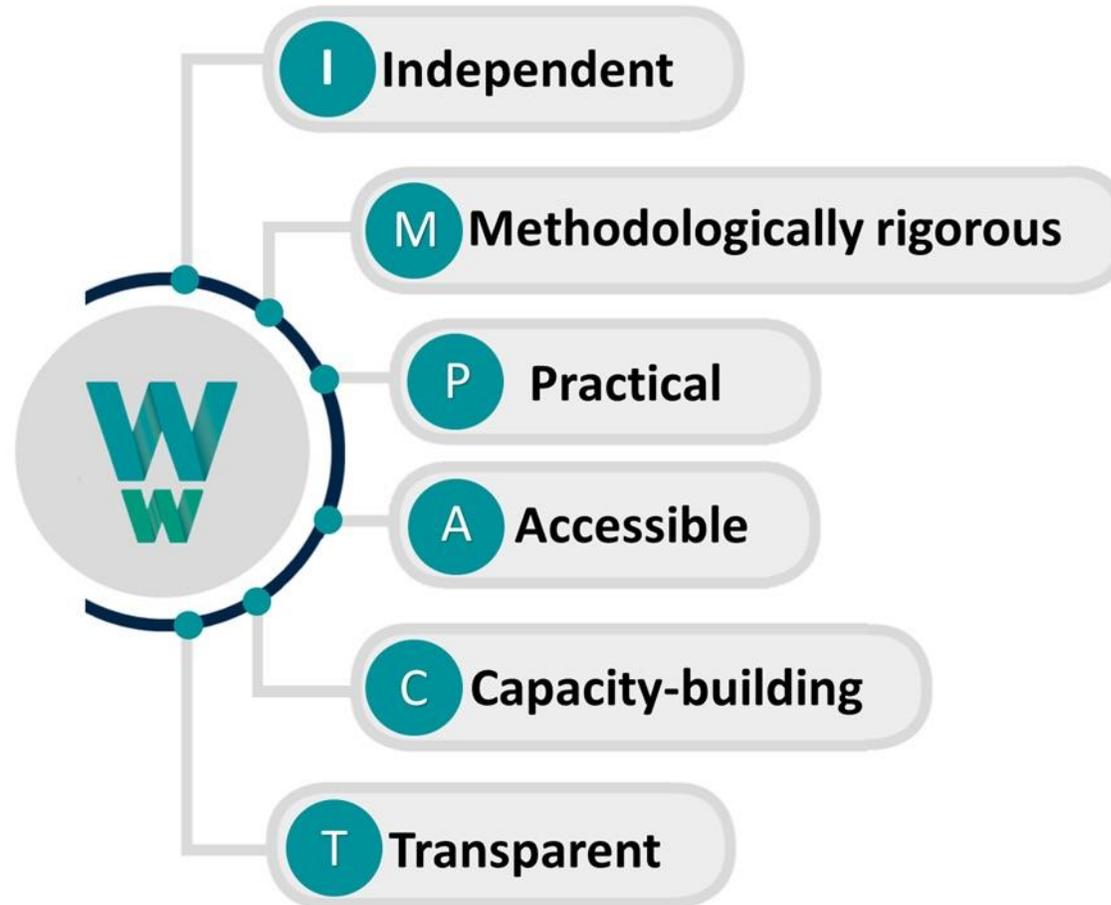


Cabinet Office

# The UK's What Works Initiative

Mihiri Seneviratne,

Senior Policy Adviser, Cabinet Office, UK

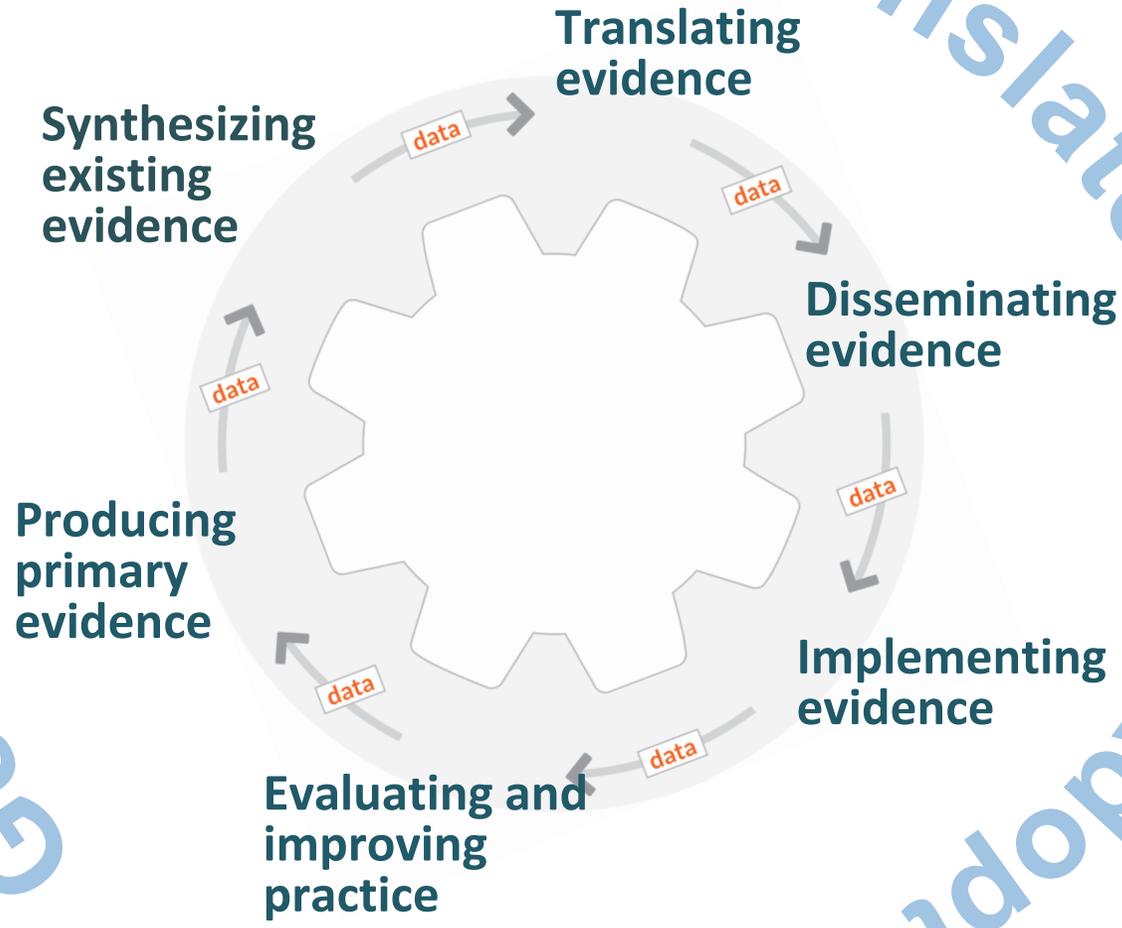


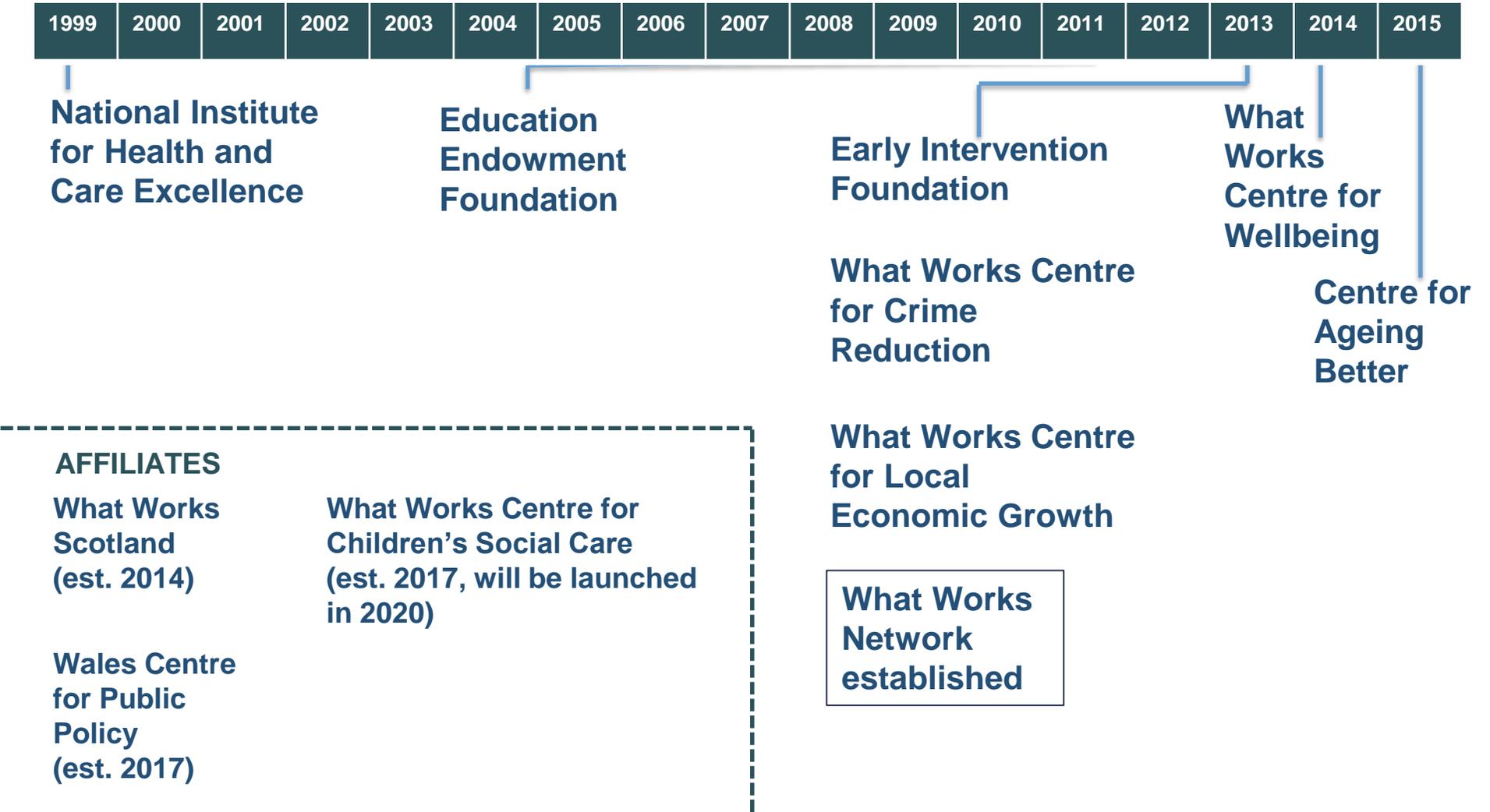


Generate

Translate

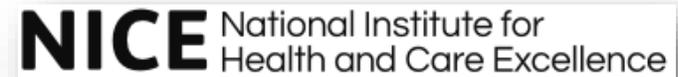
Adopt







Cabinet Office





# Progress so far

**Crime Reduction Toolkit**

Intervention	Impact on crime	How it works	Where it works	How to do it	What it costs
	Effect	Mechanism	Moderator	Implementation	Economic cost
After school clubs	✓	+	+	?	£
Alcohol pricing	✓	+	+	?	£
Alley gating	✓	+	+	?	£

**Arts participation**  
Low impact for low cost, based on moderate evidence. ££££££ 🔒🔒🔒🔒 +2

**Aspiration interventions**  
Very low or no impact for moderate cost, based on very limited evidence. ££££££ 🔒🔒🔒🔒 0

**Behaviour interventions**  
Moderate impact for moderate cost, based on extensive evidence. ££££££ 🔒🔒🔒🔒 +3

**Policy Design Tool**

	What does it aim to do?	How secure is the evidence?	How much does it cost?	How effective is it?
<b>Mentoring</b> is the provision of support by one person to another less qualified person	Provide advice to improve take-up, completion or skills acquired	🔒🔒🔒	££££	●●●
<b>Financial incentives</b> refer to a wage paid to the apprentice, or subsidies given to the employer to hire and train apprentices	Improve take-up and completion	🔒🔒🔒	££££	●●●
<b>Pre-apprenticeships</b> are programmes which precede an apprenticeship	Improve take-up, completion or skills acquired	🔒🔒🔒	££££	●●●





# Progress so far

**Crime Reduction Toolkit**

Intervention	Impact on crime	How it works	Where it works	How to do it	What it costs
	Effect	Mechanism	Moderator	Implementation	Economic cost
After school clubs	✓	⊕	⊖	?	⊖
Alcohol pricing	✓	⊕	⊖	?	⊖
Alley gating	✓	⊕	⊖	?	⊖

**Arts participation**  
Low impact for low cost, based on moderate evidence.

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**Policy Design Tool**

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<b>Pre-apprenticeships</b> are programmes which precede an apprenticeship	Improve take-up, completion or skills acquired



**AVIVA** **Legal & General** **CENTRE FOR AGEING BETTER**

**MERCER** **The PENSIONS Advisory Service**

**Developing the mid-life MOT**  
September 2018

**NHS England**

**Guidance to support the introduction of access and waiting time standards for mental health services in 2015/16**






# Progress so far

## Crime Reduction Toolkit

Intervention	Impact on crime	How it works	Where it works	How to do it	What it costs
	Effect	Mechanism	Moderator	Implementation	Economic cost
After school clubs	✓	⊕	⊖	?	£
Alcohol pricing	✓	⊕	⊖	?	£
Alley gating	✓	⊕	⊖	?	£

### Arts participation

Low impact for low cost, based on moderate evidence.

### Aspiration interventions

Very low or no impact for moderate cost, based on very limited evidence.

### Behaviour interventions

Moderate impact for moderate cost, based on extensive evidence.

## Policy Design Tool

	What does it aim to do?	How secure is the evidence?	How much does it cost?	How effective is it?
<b>Mentoring</b> is the provision of support by one person to another less qualified person	Provide advice to improve take-up, completion or skills acquired	⊕⊕⊕	£££	●●●
<b>Financial incentives</b> refer to a wage paid to the apprentice, or subsidies given to the employer to hire and train apprentices	Improve take-up and completion	⊕⊕⊕	£££	●●●
<b>Pre-apprenticeships</b> are programmes which precede an apprenticeship	Improve take-up, completion or skills acquired	⊕⊕⊕	£££	●●●



what works centre for local economic growth

## Guidance to support the introduction of access and waiting time standards for mental health services in 2015/16



News story

### Funding boost to give more children healthy start to the day

More than 1,770 schools set to benefit from £26 million to boost breakfast clubs in disadvantaged areas.

Published 19 March 2018

Last updated 19 March 2018 — [see all updates](#)

From: [Department for Education](#) and [The Rt Hon Damian Hinds MP](#)



News Images & Videos Documents

### Rollout of body worn cameras

Oct 17, 2016 08:00 BST

More children acc...  
to set them up for...  
million and the ap...  
the Education Ser...



[Image of officer with body worn video]

The Metropolitan Police Service (MPS) is taking a global lead with what is thought to be the largest rollout of body-worn cameras by police anywhere in the world to enhance the service it gives to London.



# Looking ahead

- Extending to **new policy areas**



# Looking ahead

- Extending to **new policy areas**
- Increasing **impact**: focus on knowledge mobilisation, implementation, and evaluation of scale up



# Looking ahead

- Extending to **new policy areas**
- Increasing **impact**: focus on knowledge mobilisation, implementation, and evaluation of scale up
- Understanding and **measuring own impact**

A decorative background at the top of the slide featuring a network diagram with red and black nodes connected by lines, set against a light red gradient.

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## Plenary opening

# Michael Shanks

*Professor of Classics, Stanford Archaeology Center & codirector of Stanford  
Humanities Lab (2005-2009), USA*



# Impact of Social Sciences & Humanities

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## Plenary opening

# Miranda Nunhofer & Eric Moran

*Associate Vice President for HSS Journals SAGE Publishing, UK*

*& Associate Vice President for HSS Journals SAGE Publishing, USA*

A network diagram with red nodes and lines, partially visible in the top left corner.

# Impact of Social Sciences & Humanities

4-5 October 2018, Copenhagen

## Plenary opening

### Panel discussion & Q&A

*Chair: David Budtz Pedersen*

*David Skorton*

*Mihiri Seneviratne*

*Michael Shanks*

*Miranda Nunhofer & Eric Moran*



# Impact of Social Sciences & Humanities

4-5 October 2018, Copenhagen

## Up next

11.00      Group picture and coffee break

11.30-12.45	Science for Policy	Gemyse 1
	Stakeholder Co-creation	Lumbye Hall
	Regional Research Infrastructures	Gemyse 2
	Interdisciplinary Research	HC Andersen castle