

Draft Programme

Impact of Science

*An international Conference on Policies and Strategies for Optimising
and Assessing Impact of Science on Economy and Society*

4-6 November 2020

AGH-UST, Krakow, Poland

AESIS

NETWORK FOR
ADVANCING & EVALUATING THE SOCIETAL IMPACT OF SCIENCE



Ministry of Science
and Higher Education

Republic of Poland



Partners:



- IMPACT OF SCIENCE -

Science funders and research programme designers are constantly challenged to maintain an effective and efficient science funding system, while justifying the investments in scientific research towards politics. The pressure increases on governmental and non-governmental science funding organisations to demonstrate the economical and societal returns on their investments in science.

All around the world, experts are improving the process of measuring and communicating the impact of science on society. For example, Poland is introducing a new Model of Research Quality Assessment covering i.a. economic and societal impact of research and development works, which is a crucial aspect of comprehensive reform of the science and higher education system introduced by the Law on Higher Education and Science.

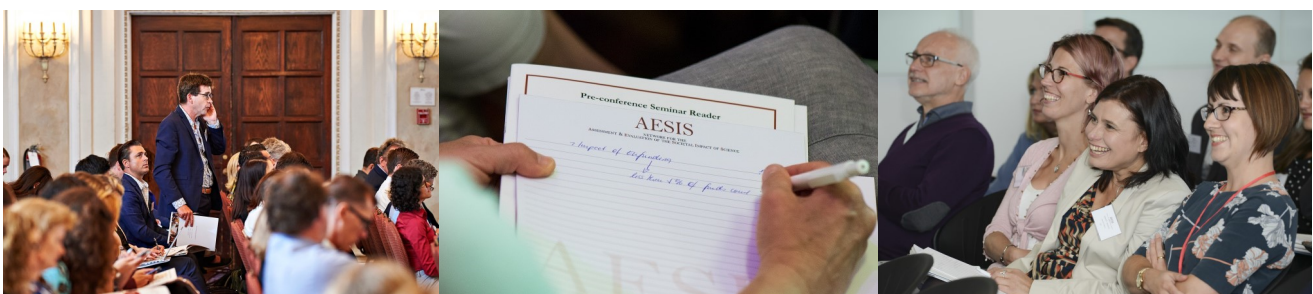
Research with societal impact involves different stakeholders from researchers, policymakers, research councils, local municipalities and beyond, and therefore also different causal logics, different expectations for impact and different timelines for social impacts to occur, as well as different scale effects. There is a need for societal impact measurement and advancement, therefore we need to co-develop effective systems to adapt existing national or regional frameworks and guide coordinated actions involving academic and non-academic actors in government, industry and society as a whole.

The AESIS Network has successfully organised the annual conference **'Impact of Science'** seven times, bringing together experts such as R&D evaluators, university managers, research councils, policy makers, funders, and other stakeholders of impact. The goal is sharing, evaluating, and discussing best practices around the world on:

- Policy strategies for societal impact
- Creating (long-term) alliances between stakeholders
- Regional, national, and international instruments for evaluating and achieving impact
- Current issues on i.e. public engagement, evidence-informed policy, interdisciplinary approaches, and harmonising definitions and assumptions.

In its approaches the **AESIS Network** is convinced that societal impact:

- can only be robust based on a well-balanced insight on how the impact of science on society can be measured;
- should investigate the impact of the humanities, the social sciences, and the hard sciences in one comparable approach for accountability, leaving ample institutional flexibility;
- will be optimised by aligning perspectives from all stakeholders of impact, including (but not limited to): research management, funders, scientometricians & societal partners.



- IMPACT OF SCIENCE -

Programme Advisory Committee

Bartłomiej Banaszak	Director of Science, Ministry of Science and Higher Education
Przemek Olszewski	Director of the Rector's Office, AGH University of Science and Technology
Ingrid van de Stadt	Regional Marketing Director EMEA, Elsevier
Vilius Stanciauskas	Chief Executive Officer at Technote

AESIS Advisory Board

Koenraad Debackere	General Manager at K.U. Leuven, Belgium
Beverley Damonse	Executive of Science Engagement and Corporate Relations, National Research Foundation (NRF), South Africa
Luke Georghiou	Vice-President for Research and Innovation and Professor of Science and Technology Policy at the University of Manchester, United Kingdom
Barend van der Meulen	Professor Institutional Aspects of (Higher) Education, Director CHEPS, Twente University, the Netherlands
Andrew Plume	Senior Director of Research Evaluation at Elsevier, United Kingdom
Susan Renoe	Assistant Vice Chancellor, University of Missouri & Executive Director of the NSF Center for Advancing Research Impact in Society
Toby Smith	Vice President of Policy at the American Association of Universities, USA
David Sweeney	Executive Chair, Research England, United Kingdom
Paul Wouters	Dean of Social Sciences & former Director of CWTS, Leiden University, The Netherlands



Wednesday 4 November 2020

Times in CET (GMT +1)

08.30-09.00 Registration & Informal Coffee-chat

Welcome by:

09.00 Jerzy Lis Rector, AGH - University of Science and Technology, Krakow, Poland

09.10 Wojciech Murdzek Minister of Science and Higher Education, Republic of Poland

Conference chair

09.20 David Sweeney Executive Chair, Research England, UK

9.35-11.00 I Plenary opening: Policies for Impact

09.35 Sarah Howard Branch manager Research Excellence of the Australian Research Council

The Australian Engagement and Impact Assessment and its potential for future research evaluation

09.50 Blazej Skoczeń Chairman of the Committee for Science Evaluation, Republic of Poland

New solutions in Polish research assessment exercise

10.05 Molapo Qhobela CEO of the National Research Foundation, South Africa

How to catalyse knowledge production for societal benefit, the NRF approach

10.20 Boyana Konforti Director, Scientific Strategy & Development at the Howard Hughes Medical Institute

Next steps on Impact in university appreciation through the San Francisco Declaration on Research Assessment (DORA)

10.35 Panel & Q&A

11.00-11.30 Break

11.30-12.45 II Parallel sessions: Assessment & Demonstration of Societal Impact

Policies for Impact Evaluation

Policies for impact evaluation (☞ funding) on a national level

David Sweeney (Chair)

Executive Chair, Research England, UK

Kim Huijpen

Policy adviser at the VSNU, the Netherlands

Jinwon Kang

Policy officer, Korea-EU Research Center & Korea Institute of S&T Evaluation and Planning

Institutional Impact Profile

Effectively evaluating impact to gain more insight in impact performance and build strategy around strengths

Chair

Julie Bayley

Director of Research Impact Development, University of Lincoln, UK

Barend van der Meulen

Director CHEPS, Twente University, former head of research at Rathenau, the Netherlands

Data Analysis and CRIS

What are the latest developments in measuring to create more structured insight in impact-performance?

Andrew Plume (Chair)

Senior Director of Research Evaluation at Elsevier, UK

Simon Kerridge

Director of Research Services, Kent University, UK

Vilius Stanciauskas

Director of Technote, Lithuania

Assessment Approaches for SSH

Diversification of assessment for SSH in comparison to other disciplines

David Budtz Pedersen (Chair)

Director of the Humanomics Research Centre, Denmark

Sarah de Rijcke

Scientific Director CSTS, the Netherlands

Emanuel Kulczycki

Member of the Committee for Science Evaluation, Poland

More sessions on the next page

*To be confirmed

Wednesday 4 November 2020 (continued)

Times in CET (GMT +1)

11.30-12.45 II Parallel sessions: Assessment & Demonstration of Societal Impact (continued)

Approaches for Life Sciences and STEM

*Diversification of assessment for
Life Sciences and STEM in
comparison to each other
or other disciplines*

Diana Hicks

Professor in the School of Public
Policy, Georgia Institute of
Technology

Janusz Bujnicki

Head of Council at the University
of Warsaw, Poland

David S. Ameyaw

President and CEO of
International Centre for
Evaluation and Development
(ICED), Kenya

Social Sciences & Humanities

*Where can demonstrating and
stimulating impact have one general
approach for all disciplines, and when
does it need to be diversified*

Natalia Garner*

The Committee for
Science Policy, Poland

&

David Phipps

Director of Research Impact
Canada, Canada

Big Data & Impact

*How to create insights on research
quality and societal impact through
big data analysis*

Jonathan Best*

Insight Manager at
Wellcome Trust

&

Kim Holmberg

Senior researcher at the university
of Turku, Finland

*You may freely choose to join
any of the **Parallel Sessions in
RED**, which will contain 3 to
4 presentations and an
interactive discussion or
Q&A*

*Please note that the
**Roundtable sessions in
PURPLE** accept only 20
participants (pre-registration
is advised)*

12.45-14.00 Social programme* & networking

Thursday 5 November 2020

Times in CET (GMT +1)

08.30-09.00 Registration & Informal Coffee-chat

09.00 Conference chair **David Sweeney**

09.10 III Plenary opening: Structural Collaboration for Impact - Businesses and Industries

09.10 **Jerzy Lis** Rector, AGH-University of Science and Technology, Krakow, Poland
topic

09.25 **Hamish McAlpine** Head of Data and Evidence Knowledge Exchange Team, Research England, UK
The current role of Knowledge Exchange Framework (KEF) and the potentials for the future

09.40 **Cathie Vix-Guterl*** Vice President R&D strategic anticipation at Total
topic

10.00 **Max Dumoulin** Vice President Institutional Offerings, Elsevier, the Netherlands
The Impact of Open Science: Collaborators between institutions, funders and researchers to make research count

10.15 Opening panel with chair & plenary speakers

10.35-11.00 Break

11.00-12.15 IV Parallel sessions: Strategies and Policies Serving Impact

Science Policy Interface

Entrepreneurship

Grand Challenges

Role of Industry

How to organise evidence informed policymaking internally and externally

How to best utilise academic knowledge into practical applications for society through entrepreneurship

Integrating Grand Challenges in an institutional research strategy

Building (long-term) academic industry relationships and determine their roles to optimise societal impact?

Jaroslaw Górnjak (Chair)

Natacha Wilson (Chair)

Beverly Damonse (Chair)

Founder of the Centre for Evaluation and Analyses of Public Policies, Poland

Founder Cambridge Insights, UK

Executive of Science Engagement and Corporate Relations, NRF, South Africa

Justyna Bandola-Gill

Carl Johan Sundberg

Aleksander Danda

Victoria Galán-Muros

Co-author of the book 'The Impact Agenda', University of Edinburgh, UK

Professor Coordinator Science & Society, President Office Karolinska Institutet, Sweden

Consul General of the Republic of Poland to Hong Kong & former Director, Department of Science, Ministry of Science and HE

Director of policy affairs, University-Industry Innovation Network, France

Christine Weidenslaufer

Albert Ko

Derk Loorbach

Oliver Cox

Library of Congress of Chile

Director of Lingnan Entrepreneurship Initiative, Hong Kong

Professor of Socio-economic Transitions, Erasmus University Rotterdam, Netherlands

Heritage Engagement Fellow and Co-Lead, Oxford University Heritage Network, UK

More sessions on the next page

11.00-12.15 IV Parallel sessions: Strategies and Policies Serving Impact (continued)

Funding Agencies	Interdisciplinary approaches	Fundamental vs Mission-driven Science	<p><i>You may freely choose to join any of the Parallel Sessions in RED, which will contain 3 to 4 presentations and an interactive discussion or Q&A</i></p> <p><i>Please note that the Roundtable sessions in PURPLE accept only 20 participants (pre-registration is advised)</i></p>
<p><i>How can public and private funders foster an ecosystem that enables impact?</i></p> <p>Representative of National Centre for Research and Development Poland*</p> <p>Sven Stafström Director General, the Swedish Research Council, Sweden</p> <p>John-Arne Røttingen Chief Executive of the Research Council of Norway</p>	<p><i>How can interdisciplinary approaches stimulate impact of research, and how can we institutionalise this approach?</i></p> <p>Coordinator</p> <p>&</p> <p>Coordinator</p>	<p><i>How to position curiosity-driven and mission-driven research in the societal impact landscape</i></p> <p>Jakob Edler Executive Director of the Fraunhofer Institute for Systems and Innovation Research, Germany</p> <p>&</p> <p>Philippe Larrue* Policy analyst at the Directorate for Science, Technology and Industry, OECD</p>	

12.15-12.45 Break

12.45-13.30 V Interactive debate: Implementing Impact Policies

12.45 Closing panel with Chair:

David Sweeney Executive Chair Research England, UK

Panel members:

Zbigniew Marciniak Chairman of the General Council for Higher Education and Science, Poland

Milena Žic Fuchs Professor of Linguistics, the University of Zagreb, Croatia

Beverley Damonse Executive of Science Engagement and Corporate Relations, National Research Foundation (NRF), South Africa

At the start of the debate the audience can vote for questions/statements. These will (also) be debated.

13.15 Closing remarks by **David Sweeney**

08.30-09.00 Registration & Informal Coffee-chat

09.00 Conference chair David Sweeney opening

What did we achieve on the first two days and how does it relate to the last day programme

09.15 VII Plenary opening:

09.15 Przemysław Korytkowski & Emanuel Kulczycki

Members of the Committee for Science Evaluation, Poland

The Polish Research Evaluation Exercise in 2022: a pilot of the Societal Impact Assessment

09.40 Milena Žic Fuchs

Professor of Linguistics, the University of Zagreb, Croatia

09.55 Blaž Zmazek*

Director of Slovenian Research Agency (ARRS), Slovenia

10.10 Speaker

10.25 Panel and Q&A

10.45-11.15 Break

11.15-12.30 VIII Parallel sessions: Science and Society Interface

Research & Technology Organisations

Science Assessment for stimulating societal impact

Regional & Municipal Level

Ranking Impact

Topic description

How impact assessment (agencies) can support stimulation of value—creation of research in society

How to identify and optimise societal impact in regional innovation systems fostering competition and connectivity?

Topic description

Frans van Gernerden (Chair)
Strategy manager, Netherlands Organisation for Applied Scientific Research (TNO)

Paul Wouters (Chair)
Dean of Social Sciences & former Director of CWTS, Leiden University, the Netherlands

Caroline Nevejan (Chair)
Chief Science Officer, University of Amsterdam, the Netherlands

Wilfred Mijnhardt (Chair)
Policy Director, School of Management, Erasmus University Rotterdam, the Netherlands

Thulani Dlamini
CEO of Council for Scientific and Industrial Research (CSIR), South Africa

Fraunhofer representative*
Position

Sam Cole
Head of REF futures (policy & delivery) at Warwick University, UK

Miłosz Rojek
Head of Unit of Analyses and Strategy, Ministry of Science and Higher Education, Poland

Piotr Dardziński
President of the Łukasiewicz Research Network, Poland

Name
position

Krzysztof Głuc
Director, School of Public Administration, Krakow University of Economics, Poland

Vertigo Ventures representative
Position

More sessions on the next page

Friday 6 November 2020 (continued)

Times in CET (GMT +1)

11.15-12.30 VIII Parallel sessions: Science and Society Interface (continued)

Mass Media & Communication	Open Science	Economic vs Social Impact
<p><i>The opportunities and challenges of (social) media as a bridge between science and society</i></p> <p>Paul Manners (<i>Chair</i>) Founding Director of the National Co-ordinating Centre for public engagement, UK</p> <p>Ger Hanley Founder Write Fund, Republic of Ireland</p> <p>Bianka Siwińska* Editor-in-chief of the educational magazine 'Perspektywy', Poland</p>	<p><i>How to operationalise Open science and the effects on societal impact of science</i></p> <p>Max Dumoulin Vice President Institutional Offerings, Elsevier, the Netherlands</p> <p style="text-align: center;">&</p> <p>Emanuele Barbarossa* Legal Officer, Unit "Open Science", DG Research & Innovation of the European Commission</p>	<p><i>Topic</i></p> <p>Toby Smith American Association of Universities, United States</p> <p style="text-align: center;">&</p> <p>Coordinator</p>

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*Please note that the Roundtable sessions in **PURPLE** accept only 20 participants (pre-registration is advised)*

12.30-13.15 Break

13.15-15.15 IX Closing panel: 'Recommendations for the Polish science system, and beyond'

- 13.15 Ranking the recommendations
- 13.30 Audience—remaining questions and debates
- 13.45 Closing panel with Conference Chair
 - David Sweeney** Executive Chair of Research England, U.K.
 - Panel members:
 - David Budtz Pedersen** Director of the Humanomics Research Centre, Denmark
 - Pearl Dykstra*** Deputy Chair of the Group of Chief Scientific Advisors at the European Commission & Professor of Empirical Sociology, Erasmus University Rotterdam, Netherlands
 - Jo Bury*** Managing Director of the Flanders Institute for Biotechnology (VIB), Belgium & Advisory Board member of the European Innovation Council (EIC)
- 14.30 **Anna Budzanowska** Undersecretary of State at the Ministry of Science and Higher Education, Republic of Poland
- 14.45 Closing remarks and summary by the Conference Chair: **David Sweeney**
- 15.00 Closing reception