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:

AGH

Fraunhofer ISI

ELSEVIER

Technote

Vertigo Ventures

researchfish
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.
Programme Advisory Committee

Bartłomiej Banaszak  Director of the Department of Science, Ministry of Science and Higher Education, K.U. Leuven, Belgium
Przemysław 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
Jakob Edler  Executive Director of the Fraunhofer Institute for Systems and Innovation Research
Laura Tucker  Chief Executive Officer at Vertigo Ventures

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

#### 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**  
  Representative of the Ministry of Science and Higher Education, 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** Błażej Skoczeń  
  Chairman of the Committee for Science Evaluation, 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** Karina Batthyany*  
  Executive Secretary, Latin American Council of Social Sciences, Argentina
  
  *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

<table>
<thead>
<tr>
<th>Policies for Impact Evaluation</th>
<th>Institutional Impact Profile</th>
<th>Data Analysis and CRIS</th>
<th>Assessment Approaches for SSH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Policies for impact evaluation (&amp; funding) on a national level</td>
<td>Effective evaluating impact to gain more insight in impact performance and build strategy around strengths</td>
<td>What are the latest developments in measuring to create more structured insight in impact-performance?</td>
<td>Diversification of assessment for SSH in comparison to other disciplines</td>
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</tbody>
</table>
| David Sweeney (Chair)  
  Executive Chair, Research England, UK | Alis Oancea* (Chair)  
  Director of Research in the department of Education, Oxford University | Andrew Plume (Chair)  
  Senior Director of Research Evaluation at Elsevier, UK | David Budtz Pedersen (Chair)  
  Director of the Humanomics Research Centre, Denmark |
| Kim Huijpen  
  Policy adviser at the VSNU, the Netherlands | Julie Bayley  
  Director of Research Impact Development, University of Lincoln, UK | Simon Kerridge  
  Director of Research Services, Kent University, UK | Claire Donovan  
  Professor of Higher Education at the University of Greenwich, UK |
| Jinwon Kang  
  Policy officer, Korea-EU Research Center & Korea Institute of S&T Evaluation and Planning | Barend van der Meulen  
  Director CHEPS, Twente University, former head of research at Rathenau, the Netherlands | Vilius Stanciauskas  
  Director of Technote and founder of the Data4Impact project, Lithuania | Emanuel Kulczycki  
  Member of the Committee for Science Evaluation, Poland |

*To be confirmed*
<table>
<thead>
<tr>
<th>Approaches for Life Sciences and STEM</th>
<th>Social Sciences &amp; Humanities</th>
<th>Big Data Analysis &amp; Impact</th>
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<tbody>
<tr>
<td><strong>Diversification of assessment for Life Sciences and STEM in comparison to each other or other disciplines</strong></td>
<td><strong>Where can demonstrating and stimulating impact have one general approach for all disciplines, and when does it need to be diversified</strong></td>
<td><strong>How to create insights on research quality and societal impact through big data analysis</strong></td>
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<tr>
<td>Diana Hicks <em>(chair)</em> Professor in the School of Public Policy, Georgia Institute of Technology</td>
<td>Natalia Garner* The Committee for Science Policy, Poland</td>
<td>Maria de Kleijn* Senior Principal at Kearney, the Netherlands</td>
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<tr>
<td>Janusz Bujnicki* Head of Council at the University of Warsaw, Poland</td>
<td>David Phipps Director of Research Impact Canada, Canada</td>
<td>Kim Holmberg Senior researcher at the university of Turku, Finland</td>
</tr>
</tbody>
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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)

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**12.45-14.00** Social programme* & networking

*To be confirmed
### Thursday 5 November 2020

Times in CET (GMT +1)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>08.30-09.00</td>
<td>Registration &amp; Informal Coffee-chat</td>
</tr>
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</table>
| 09.00    | **Jarosław Gowin**  
Deputy Prime Minister, Ministry of Development, Labour & Technology, Poland |
| 09.20    | **III Plenary opening: Structural Collaboration for Impact - Businesses and Industries** |
| 09.20    | **Tadeusz Uhl**  
Professor at AGH UST Faculty of Mechanical Engineering and Robotics, Krakow, Poland |
| 09.20    | **Hamish McAlpine**  
Head of Data and Evidence Knowledge Exchange Team, Research England, UK |
| 09.35    | The current role of Knowledge Exchange Framework (KEF) and the potentials for the future |
| 09.50    | **Małgorzata Drewnicka***  
CEO at the Małopolska Regional Development Agency, Poland |
| 10.05    | **Max Dumoulin**  
Vice President Institutional Offerings, Elsevier, the Netherlands |
| 10.05    | The Impact of Open Science: Collaborators between institutions, funders and researchers to make research count |
| 10.20    | Opening panel with chair & plenary speakers                             |
| 10.40-11.00 | Break                                                                   |
| 11.00-12.15 | **IV Parallel sessions: Strategies and Policies Serving Impact**       |
|           | **Science Policy Interface**                                            |
|           | How to organise evidence informed policymaking internally and externally |
|           | **Jarosław Górniak**  
(Chair)  
Founder of the Centre for Evaluation and Analyses of Public Policies, Poland |
|           | **Justyna Bandola-Gill**  
Co-author of the book ‘The Impact Agenda’, University of Edinburgh, UK |
|           | **Christine Weidenslaufer**  
Lawyer at the Library of National Congress in Santiago, Chile |
|           | **Entrepreneurship**                                                   |
|           | How to best utilise academic knowledge into practical applications for society through entrepreneurship |
|           | **Natacha Wilson**  
(Chair)  
Founder Cambridge Insights, UK |
|           | **Carl Johan Sundberg**  
Professor Coordinator Science & Society, President Office Karolinska Institutet, Sweden |
|           | **Albert Ko**  
Director of Lingnan Entrepreneurship Initiative, Hong Kong |
|           | **Grand Challenges**                                                   |
|           | Integrating Grand Challenges in an institutional research strategy      |
|           | **Beverly Damonse**  
(Chair)  
Executive of Science Engagement and Corporate Relations, NRF, South Africa |
|           | **Aleksander Dańda**  
Consul General of Poland to Hong Kong & former Director, Department of Science, Ministry of Science and HE |
|           | **Derk Loorbach**  
Professor of Socio-economic Transitions, Erasmus University Rotterdam, Netherlands |
|           | **Role of Industry**                                                   |
|           | Building (long-term) academic industry relationships and determine their roles to optimise societal impact? |
|           | **Carlos Primo David**  
(Chair)  
Executive Director of PCIEERD, The Philippines |
|           | **Victoria Galán-Muros**  
Director of policy affairs, University-Industry Innovation Network, France |
|           | **Oliver Cox**  
Heritage Engagement Fellow and Co-Lead, Oxford University Heritage Network, UK |

*To be confirmed*
### IV Parallel sessions: Strategies and Policies Serving Impact (continued)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>11.00-12.15</td>
<td>Funding Agencies</td>
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<td>Interdisciplinary approaches</td>
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<td>Fundamental vs Mission-driven Science</td>
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<td>11.00-12.15</td>
<td>How can public and private funders foster an ecosystem that enables impact?</td>
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<td>How can interdisciplinary approaches stimulate impact of research, and how can we institutionalise this approach?</td>
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<td>How to position curiosity-driven and mission-driven research in the societal impact landscape</td>
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<td></td>
<td>Wojciech Kamieniecki*</td>
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<td></td>
<td>Director of the National Centre for Research and Development, Poland</td>
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<td>Sven Stafström</td>
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<td></td>
<td>Director General, the Swedish Research Council, Sweden</td>
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<td></td>
<td>Stig Slipersæter</td>
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<td></td>
<td>Special Advisor at the Research Council of Norway, Norway</td>
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<tr>
<td>12.15-12.45</td>
<td>Break</td>
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<tr>
<td>12.45-13.45</td>
<td>V Interactive debate: Implementing Impact Policies</td>
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<tr>
<td>12.45</td>
<td>Closing panel with Chair:</td>
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<td></td>
<td>David Sweeney</td>
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<td></td>
<td>Executive Chair Research England, UK</td>
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<td>Panel members:</td>
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<tr>
<td></td>
<td>Zbigniew Marciniak</td>
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<td></td>
<td>Chairman of the General Council for Higher Education and Science, Poland</td>
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<td></td>
<td>Milena Žic Fuchs</td>
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<td>Professor of Linguistics, the University of Zagreb, Croatia</td>
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<td>Beverley Damonse</td>
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<td>Executive of Science Engagement and Corporate Relations, National Research Foundation (NRF), South Africa</td>
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<td>Toby Smith*</td>
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<td>American Association of Universities, United States</td>
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<tr>
<td>13.40—13.45</td>
<td>Closing remarks by David Sweeney</td>
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*At the start of the debate the audience can vote for questions/statements. These will (also) be debated.*
Friday 6 November 2020

08.30-09.00 Registration & Informal Coffee-chat

09.00 Conference chair David Sweeney opening

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

09.15 VI Plenary opening: Impact in European Science Ecosystems

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 Jennifer Harper*
Policy Consultant at the Malta Council for Science and Technology

10.10 Heidi Kakko*
Expert member of the Research and Development Council of Estonia

10.25 Panel and Q&A

10.45-11.15 Break

11.15-12.30 VII Parallel sessions: Science and Society Interface

<table>
<thead>
<tr>
<th>Research &amp; Technology Organisations</th>
<th>Science Assessment for Stimulating Broader Impact</th>
<th>Regional &amp; Municipal Level</th>
<th>Ranking Impact</th>
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</thead>
<tbody>
<tr>
<td>Topic description</td>
<td>How impact assessment can support stimulation of value creation of research to tackle Grand Challenges</td>
<td>How to identify and optimise societal impact in regional innovation systems fostering competition and connectivity?</td>
<td>Topic description</td>
</tr>
<tr>
<td>Frans van Gemerden (Chair)</td>
<td>Paul Wouters (Chair)</td>
<td>Caroline Nevejan (Chair)</td>
<td>Wilfred Mijnhardt (Chair)</td>
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<tr>
<td>Strategy manager, Netherlands</td>
<td>Dean of Social Sciences &amp; former Director of CWTS, Leiden University, the Netherlands</td>
<td>Chief Science Officer, University of Amsterdam, the Netherlands</td>
<td>Policy Director, School of Management, Erasmus University Rotterdam, the Netherlands</td>
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<tr>
<td>Organisation for Applied Scientific Research (TNO)</td>
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<tr>
<td>Thulani Dlamini (CEO of Council for Scientific and Industrial Research (CSIR), South Africa)</td>
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<td>Piotr Dardziński (President of the Łukasiewicz Research Network, Poland)</td>
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<td>Rainer Walz</td>
<td>Sam Cole</td>
<td>Krzysztof Głuc</td>
<td>Laura Tucker</td>
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<tr>
<td>Deputy Director, Fraunhofer Institute for Systems and Innovation Research, Germany</td>
<td>Head of REF futures (policy &amp; delivery) at Warwick University, UK</td>
<td>Director, School of Public Administration, Krakow University of Economics, Poland</td>
<td>Founder and CEO of Vertigo Ventures, UK</td>
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<tr>
<td>Martina Kadunc</td>
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<tr>
<td>Team Leader for Impact Monitoring at the European Commission, Slovenia</td>
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More sessions on the next page

*To be confirmed
11.15-12.30 VII Parallel sessions: Science and Society Interface (continued)

Mass Media & Communication

The opportunities and challenges of (social) media as a bridge between science and society

Paul Manners* (Chair)
Founding Director of the National Co-ordinating Centre for public engagement, UK

Ger Hanley
Founder Write Fund, Republic of Ireland

Bianka Siwińska
Editor-in-chief of the educational magazine ‘Perspektywy’, Poland

Open Science

How to operationalise Open science and the effects on societal impact of science

Max Dumoulin
Vice President Institutional Offerings, Elsevier, the Netherlands

&

Andrzej Jajszczyk*
Professor at the Department of Telecommunications, AGH University of Science and Technology in Krakow, Poland

&

Emanuele Barbarossa*
Legal Officer, Unit “Open Science”, DG Research and Innovation of the European Commission

Science during and after Crisis Times

Toby Smith
American Association of Universities, United States

&

Coordinator

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12.30-13.15 Break

13.15-15.15 VIII 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

Speaker

Jo Bury
Managing Director of the Flanders Institute for Biotechnology (VIB), Belgium & Advisory Board member of the European Innovation Council (EIC)

Bartłomiej Banaszak
Deputy Director of the Department of Science in the Ministry of Science and Higher Education

14.30 Anna Budzanowska
Undersecretary of State at the Ministry of Science and Higher Education, Poland

14.45 Closing remarks and summary by the Conference Chair: David Sweeney

15.00 Closing reception