

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.

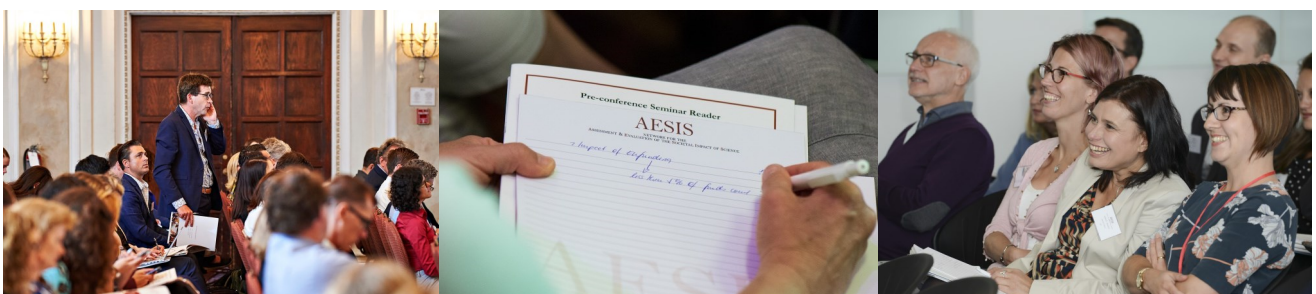
Research with societal impact involves different stakeholders from researchers, policymakers, research councils, local municipalities and beyond, and therefore also different causal logics, different expectations for impact and different timelines for social impacts to occur, as well as different scale 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

---

<b>Bartłomiej Banaszak</b>	Director of the Department of Science, Ministry of Science and Higher Education,
<b>Przemysław Olszewski</b>	Director of the Rector's Office, AGH University of Science and Technology
<b>Ingrid van de Stadt</b>	Regional Marketing Director EMEA, Elsevier
<b>Vilius Stancias</b>	Chief Executive Officer at Technote
<b>Jakob Edler</b>	Executive Director of the Fraunhofer Institute for Systems and Innovation Research
<b>Laura Tucker</b>	Chief Executive Officer at Vertigo Ventures

## AESIS Advisory Board

---

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



## 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

### 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*

**Alis Oancea\* (Chair)**

Director of Research in the department of Education, Oxford University

**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 and founder of the Data4Impact project, 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

**Claire Donovan**

Professor of Higher Education at the University of Greenwich, UK

**Emanuel Kulczycki**

Member of the Committee for Science Evaluation, Poland

More sessions on the next page

## 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** (*chair*)

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 Analysis & Impact

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

**Maria de Kleijn\***

Senior Principal at Kearney, the  
Netherlands

**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** **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  
*topic*

**09.35** **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*

**09.50** **Małgorzata Drewnicka\*** CEO at the Malopolska Regional Development Agency, Poland  
*topic*

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

**10.20** 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

### 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?*

**Jarosław Górniak** (Chair)

**Natacha Wilson** (Chair)

**Beverly Damonse** (Chair)

**Carlos Primo David\*** (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

Executive Director of PCIEERD, The Philippines

**Justyna Bandola-Gill**

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

**Carl Johan Sundberg**

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

**Aleksander Dańda**

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

**Victoria Galán-Muros**

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

**Christine Weidenslaufer**

Lawyer at the Library of National Congress in Santiago, Chile

**Albert Ko**

Director of Lingnan Entrepreneurship Initiative, Hong Kong

**Derk Loorbach**

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

**Oliver Cox**

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

More sessions on the next page

\*To be confirmed

# Thursday 5 November 2020 (continued)

Times in CET (GMT +1)

## 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 <b>Parallel Sessions in RED</b>, which will contain 3 to 4 presentations and an interactive discussion or Q&amp;A</i></p> <p><i>Please note that the Roundtable sessions in <b>PURPLE</b> 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><b>Wojciech Kamieniecki*</b> Director of the National Centre for Research and Development, Poland</p> <p><b>Sven Stafström</b> Director General, the Swedish Research Council, Sweden</p> <p><b>Stig Slipersæter</b> Special Advisor at the Research Council of Norway, Norway</p>	<p><i>How can interdisciplinary approaches stimulate impact of research, and how can we institutionalise this approach?</i></p> <p><b>Claire Edwards*</b> Director of the Institute for Social Science in the 21st Century at the University College Cork, Ireland</p> <p><b>Antonia Caro González</b> Head of International Research Project Office at the University of Deusto, Spain</p>	<p><i>How to position curiosity-driven and mission-driven research in the societal impact landscape</i></p> <p><b>Jakob Edler</b> Executive Director of the Fraunhofer Institute for Systems and Innovation Research, Germany</p> <p><b>Philippe Larrue</b> Policy analyst at the Directorate for Science, Technology and Industry, OECD</p>	

## 12.15-12.45 Break

## 12.45-13.45 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

**Toby Smith\*** American Association of Universities, United States

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

13.40—13.45 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 days and how does it relate to the last day's programme*

## 09.15 VI Plenary opening: Impact in European Science Ecosystems

### 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 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

### Research & Technology Organisations

*Topic description*

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

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

**Piotr Dardziński**  
President of the Łukasiewicz  
Research Network, Poland

### Science Assessment for Stimulating Broader Impact

*How impact assessment can  
support stimulation of value creation of  
research to tackle Grand Challenges*

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

**Rainer Walz**  
Deputy Director, Fraunhofer  
Institute for Systems and  
Innovation Research, Germany

**Martina Kadunc**  
Team Leader for Impact  
Monitoring at the European  
Commission, Slovenia

### Regional & Municipal Level

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

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

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

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

### Ranking Impact

*Topic description*

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

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

**Laura Tucker**  
Founder and CEO of Vertigo  
Ventures, UK

More sessions on the next page



## Friday 6 November 2020 (continued)

Times in CET (GMT +1)

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

Mass Media & Communication	Open Science	Science during and after Crisis Times	
<i>The opportunities and challenges of (social) media as a bridge between science and society</i>	<i>How to operationalise Open science and the effects on societal impact of science</i>	<i>Topic</i>	
<b>Paul Manners*</b> ( <i>Chair</i> ) Founding Director of the National Co-ordinating Centre for public engagement, UK	<b>Max Dumoulin</b> Vice President Institutional Offerings, Elsevier, the Netherlands	<b>Toby Smith</b> American Association of Universities, United States	<p><i>You may freely choose to join any of the <b>Parallel Sessions in RED</b>, which will contain 3 to 4 presentations and an interactive discussion or Q&amp;A</i></p> <p><i>Please note that the <b>Roundtable sessions in PURPLE</b> accept only 20 participants (pre-registration is advised)</i></p>
<b>Ger Hanley</b> Founder Write Fund, Republic of Ireland	&	&	
<b>Bianka Siwińska</b> Editor-in-chief of the educational magazine 'Perspektywy', Poland	<b>Andrzej Jajszczyk*</b> Professor at the Department of Telecommunications, AGH University of Science and Technology in Krakow, Poland	<b>Coordinator</b>	
	&		
	<b>Emanuele Barbarossa*</b> Legal Officer, Unit "Open Science", DG Research and Innovation of the European Commission		

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