



The Impact of Social Sciences and Humanities on Society

17-18 October 2019, Washington DC

Rasmuson Theater, 11.30am - 12.45pm

Science policy on impact

Arthur Lupia (Chair)

Lidia Brito

Síle Lane



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*Head of the Directorate for Social, Behavioural, and Economic Sciences,
National Science Foundation*

Now is the Time
How to Increase the Public Value of Social Science

@ArthurLupia, University of Michigan &
National Science Foundation



SBE Goals

- ✓ **Advance** science
- ✓ **Grow** the economy
- ✓ **Enhance** safety & security
- ✓ **Improve** quality of life











- Why should we **pay** for what you do?
- Why should we **trust** what you do?

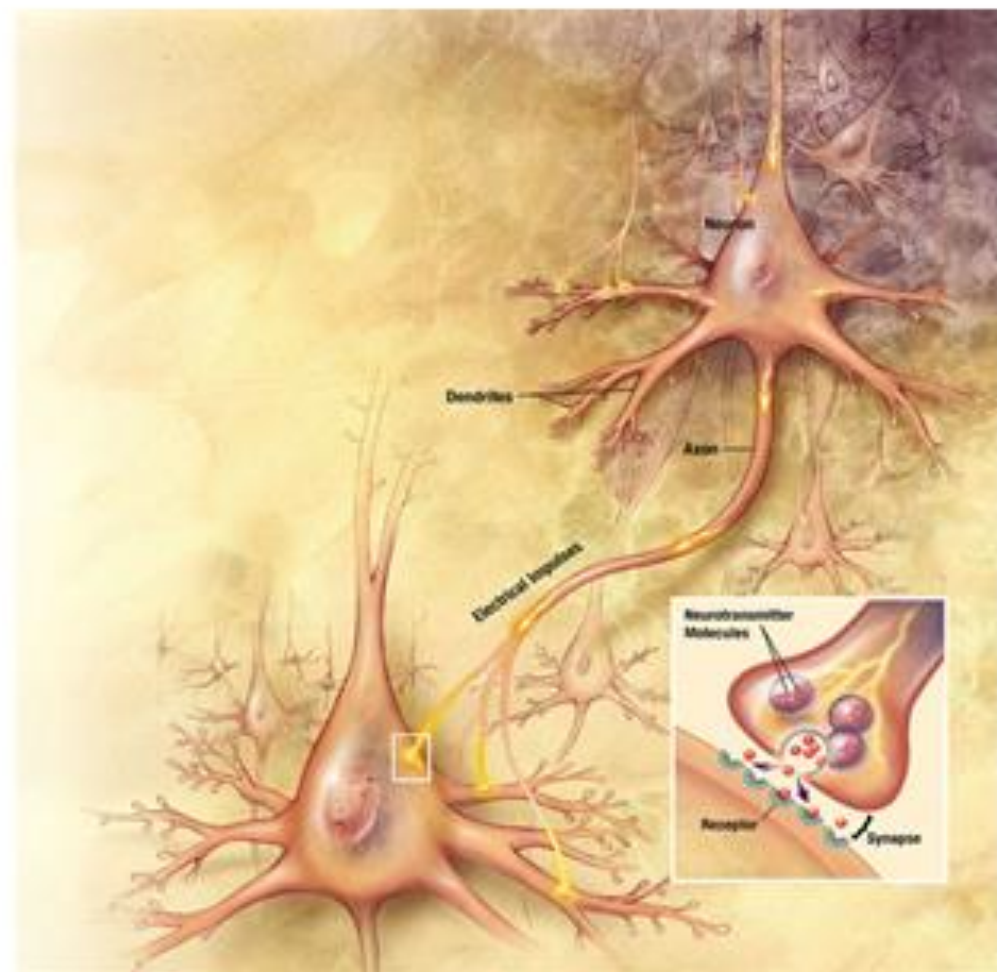
Proposed Adaptations for Institutions

- Better **Communication**
- Greater **Transparency**
- Greater **Engagement**

STRATEGIC COMMUNICATION



Source:
http://blogs.discovermagazine.com/intersection/files/2011/04/truth_425x320.jpg



Source: www.c2cinternet.org/index.php?id=185







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Sustainable
Development
Goals

A large abstract background image featuring a complex network of glowing blue and red lines that form a mesh-like structure, suggesting a digital or scientific network.

Right to Science The Role of UNESCO

Lidia Brito

Director

UNESCO Regional Science Office for LAC region



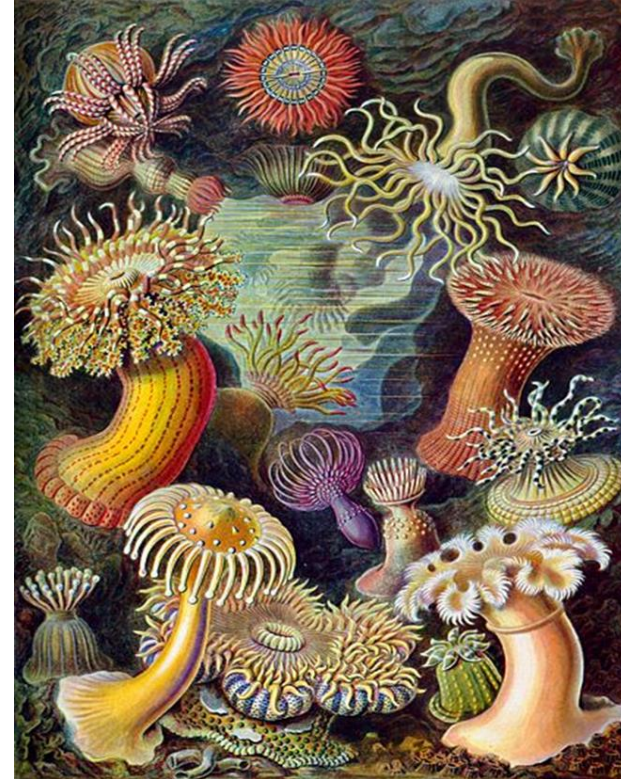
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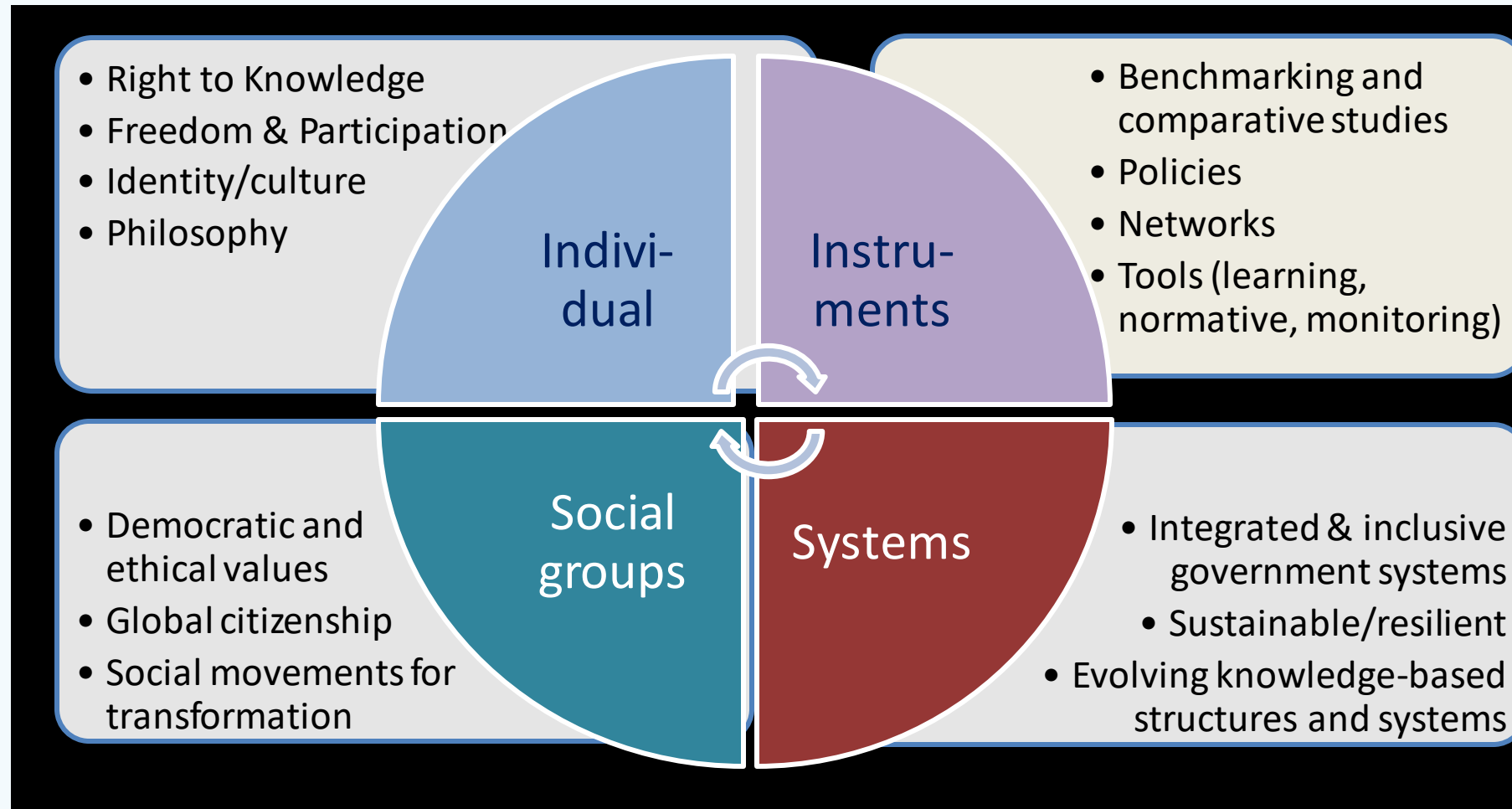
SUSTAINABLE
DEVELOPMENT GOALS

3 major issues to tackle in knowledge production arena:

1. Knowledge to policy
2. Knowledge for citizenship
3. Knowledge systems for the Agenda 2030



Knowledge for whom and for what?





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Changes in policy making processes

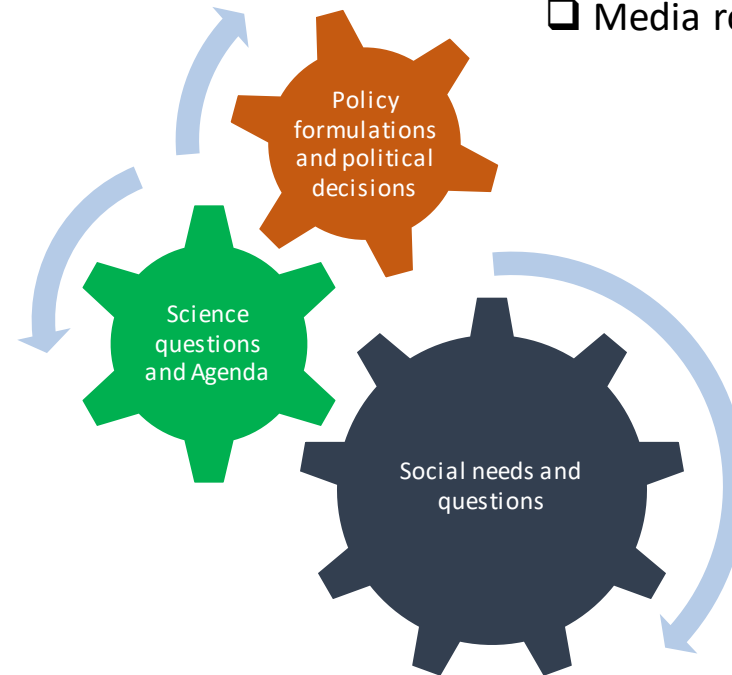
Interface Science, policy and society

- Public nature of scientific debate
- Demand by the public of their greater participation in the decision-making process
- Ethical concerns in particular related to new technologies
- Emergence of global citizenship related to cross-border issues (climate change, environment, migration, etc.)

- ❑ Policy for Science and Science for policy
- ❑ Relevant Science Advise: excellence in science
- ❑ Language adjustment: communicating science for decision makers – **more space for Science Diplomacy**

- ❑ Long-term vision in short political cycles
- ❑ **Global commitments:** the new 2030 Agenda, Sendai framework, Addis Ababa Framework, Paris Agreement
- ❑ Accountability – policy with conscience
- ❑ Media role in communicating policy

- ❑ **Multi and transdisciplinary science**
- ❑ Co-design and co-production of knowledge
- ❑ Science with conscience



- ❑ Human capital
- ❑ More participation and access to public information
- ❑ **Planetary Citizenship**
- ❑ Ethical values

- ❑ Relevant solutions for today's problems and actions for the future we want
- ❑ Media role: Communicating science in society
- ❑ **New contract between science and society**

RIGHT to SCIENCE



- Human Right (art. 2 and 27)
- Sustainable development requires more scientific knowledge and more researchers
- New frames for science policy
- Requires also integrated, transdisciplinary, participative and transformational science





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Why working in the Right to Science in UNESCO?

Because of Human Rights

Because Of the “S

”Because of the SDGs

Because of the Normative Power



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How we see Right to Science in UNESCO?

Right to Science

Right in Science

Right through Science



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The Right to Science



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MOOC

Seven complex lessons for the Agenda 2030.

Complexity and SDG.

- Science and STEAM Education
- Complex thinking and philosophy in education
- STEM and gender
- Science communication and scientific culture
- Open Science and science cooperation
- Citizen science initiatives



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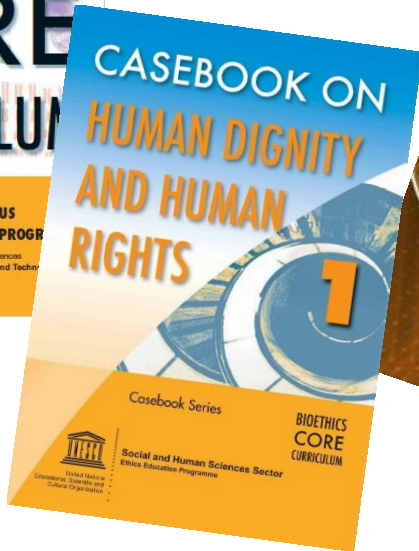


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The Right in Science

**BIOETHICS
CORE
CURRICULUM**

SECTION 1: SYLLABUS
ETHICS EDUCATION PROGRAM
Sector for Social and Human Sciences
Division of Ethics of Science and Technology

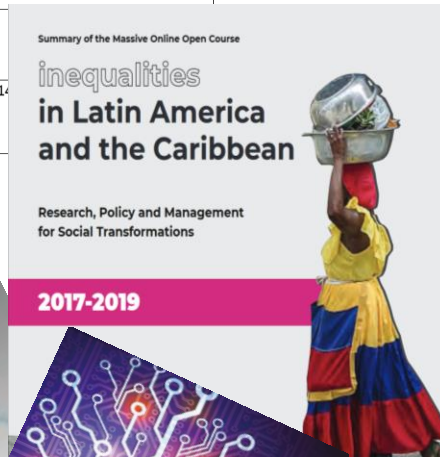
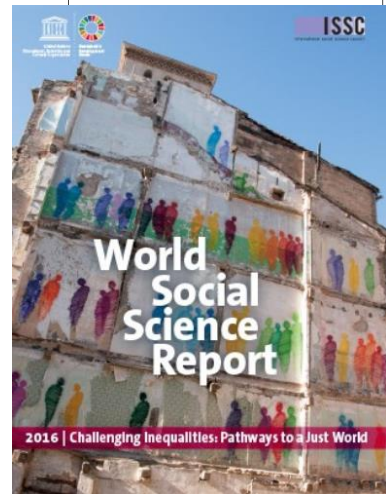


- Protection of scientists
- Freedom of research
- Promoting policies for science finance
- Scientific cooperation and researchers mobility policies
- Bioethics and Ethics of science
- Evaluation systems in science
- Gender equality

The Right thorough Science

Les domaines mentionnés dans le Programme de développement durable à l'horizon 2030	Les ODD faisant référence au STI	Les cibles des ODD faisant référence au STI
Science	4 14	4.b ; 14.3 ; 14.4 ; 14.5
Technologie	1 2 5 6 7 9 17	1.4 ; 2.a ; 5.b ; 6.a ; 7.a ; 7.b ; 9.4 ; 9.a ; 9.c ; 17.7 ; 17.16
	8 9 12 14 17	8.2 ; 8.3 ; 9.5 ; 9.b ; 12.a ; 14.1

- Science Diplomacy
- Science Advise
- Bioethics and Ethics of science
- Environmental sciences: MAB programme
- Water science: IHP networks
- Geosciences: Geoparks
- Socio-environmental resilience: new programme bringing MOST, MAB, IHP and Bioethics together
- Social transformation through scientific knowledge and evidence in policies
- IP systems and impact in society



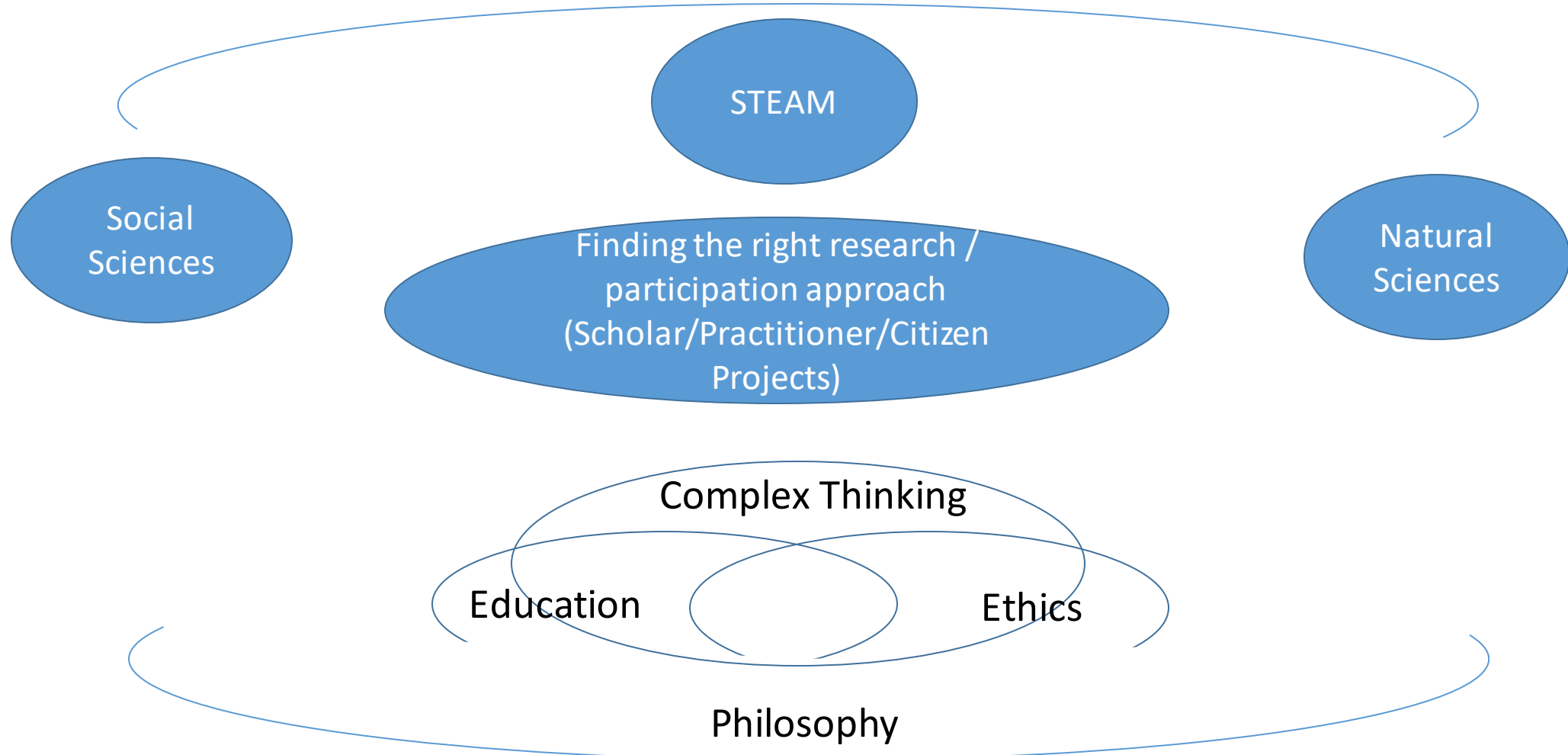


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How can we implement the right to science from a SSH perspective?



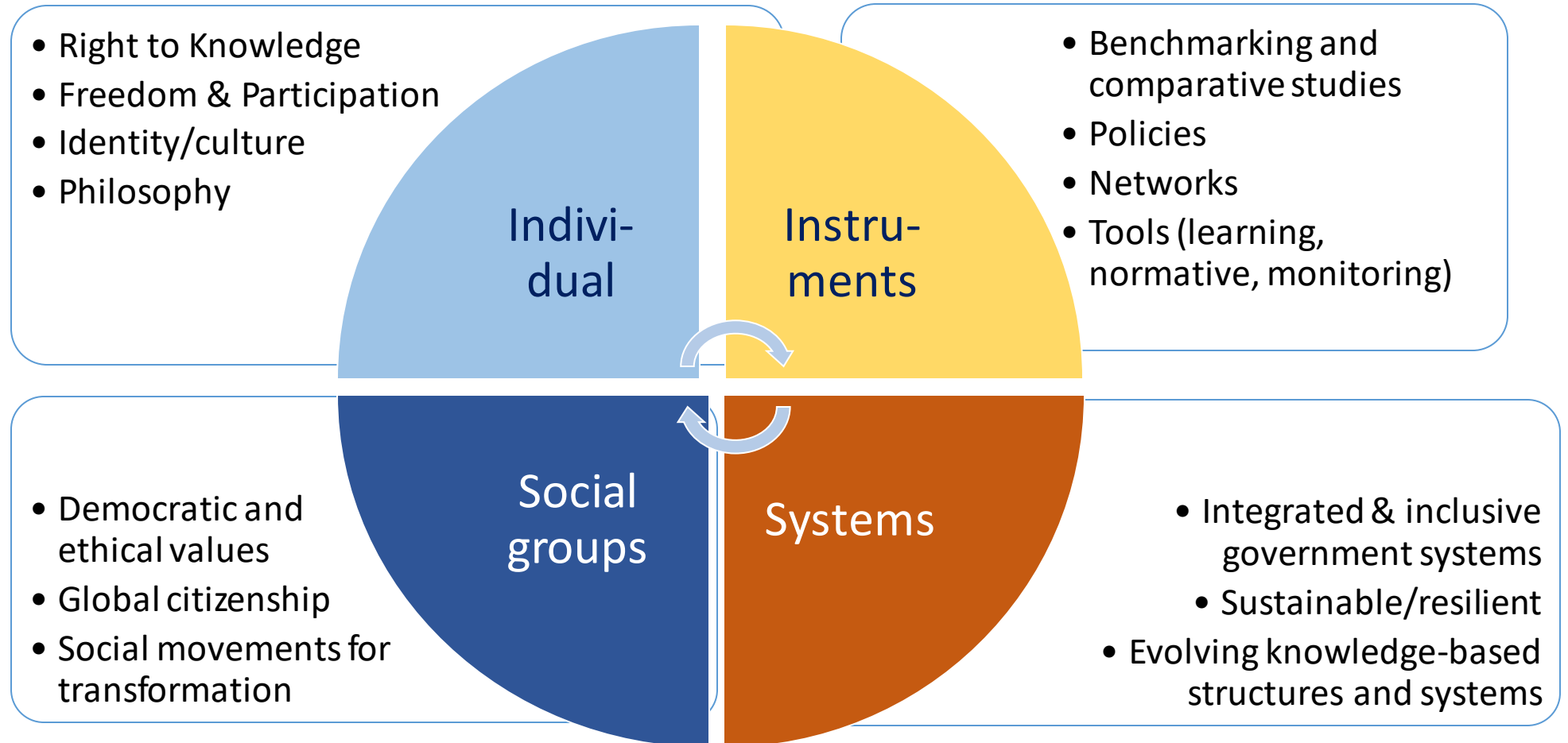


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Knowledge for whom and for what?





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**THANK
YOU !**



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Síle Lane

*Head of international campaigns and policy,
Sense about Science, United Kingdom*



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Panel discussion and Q&A

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**Social science and the humanities can have a greater impact if they
validate the people that they are seeking to help**

A network diagram with red and black nodes connected by lines, set against a light red background.

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Up Next

12.45-1.45pm **Lunch**

Mitsitam Cafe

1.45-3.30pm **Plenary closing**

Rasmuson Theater