



International
Science Council

Science and Society in Transition: Action Plan 2022-2024

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Background

- Action Planning as per the ISC's high-level strategy
- Guiding activity development, monitoring and reporting
- Comprehensive, covering scientific, communications and broader organizational development priorities
- Adopted by the ISC General Assembly



Process

- **Governing Board: December 2020 - September 2021**
 - Agreed overall approach and framing, based on advice from the Committee for Science Planning
 - Appointed a Writing Team comprising Daya Reddy, Geoffrey Boulton, Pearl Dykstra and Heide Hackmann
 - Engaged in two rounds of review
 - Included input from the HQ science and communications teams
 - Approved final revisions and submission to the GA in September 2021
- **Membership consultation: July - August 2021**
 - Online webform: 20 responses
 - Two live feedback webinars: 60 participants
 - Three additional email responses
 - Webinar organized by the Royal Society for UK representatives: approx. 35 participants



Approach

- Building on activities and achievements to date
- Taking on board lessons learnt during the first planning cycle
 - Programmatic flexibility to cope with unforeseen challenges and opportunities
 - Criteria to assess ideas and requests, and to set priorities
 - Capacities and implementation modalities to avoid operational overstretch
 - Mechanisms to further strengthen membership engagement in activity design and delivery
 - Scientific leadership to steer activity development, implementation and impact pathways
- Responding to issues and trends in the evolving context for global science



Scientific priorities

Five **domains** of action

Priority themes defined per domain, with new themes and new activities flagged for scoping and development

Overview of **existing activities** per domain and theme

- “Legacy” activities and ongoing strategic work
- 2019 Action Plan projects and programmes
- Activities initiated since 2019
- With indication of the ISC’s role, partners and anticipated impacts

Global sustainability

Converging science and technology in a digital era

Science in policy and public discourse

Changing practices in science and science systems

Freedom and responsibility in science

DOMAIN 1	GLOBAL SUSTAINABILITY	
Theme 1.1	Transformations to sustainability	
Theme 1.2	Human health and development	<i>Health</i>
Theme 1.3	Systemic risk and global emergencies	<i>Climate</i>
DOMAIN 2	CONVERGING SCIENCE AND TECHNOLOGY IN A DIGITAL ERA	
Theme 2.1	Digital transformations of science and education	
Theme 2.2	Digital technologies for sustainability	
Theme 2.3	<i>Convergent technologies: impacts, ethics and governance</i>	
DOMAIN 3	SCIENCE IN POLICY AND PUBLIC DISCOURSE	
Theme 3.1	The public value of science	
Theme 3.2	Science-policy interfaces at the global level	
Theme 3.3	<i>The new normal for science</i>	
DOMAIN 4	CHANGING PRACTICES IN SCIENCE AND SCIENCE SYSTEMS	
Theme 4.1	Open science	
Theme 4.2	Engaged science	<i>Transdisciplinarity</i>
Theme 4.3	The evaluation of science	
DOMAIN 5	FREEDOM AND RESPONSIBILITY IN SCIENCE	
Theme 5.1	Diversity, inclusivity and freedom in science	
Theme 5.2	Responsible science	

Organizational priorities

1. Engaging more effectively with members

- Engagement policy
- Membership-led activities
- Support for the participation of members from LMICs

2. Expanding the membership base

- Disciplinary gaps
- Geographic gaps
- New types of members

3. Increasing the ISC's visibility and influence

- Patrons
- Partners
- ISC Fellows
- Communications and outreach capability

4. Accelerating resource mobilization

- Enabling conditions for philanthropic giving
- Charitable trust fund

5. Enhancing accountability: ISC review in 2023

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