



**International  
Science Council**

The global voice for science



# Pressing issues for scientific unions, associations and similar bodies

ISC General Assembly, 11 October 2021

The vision of the Council  
is to advance science as  
a **global public good**

The mission of the Council  
is to be the **global  
voice for science**

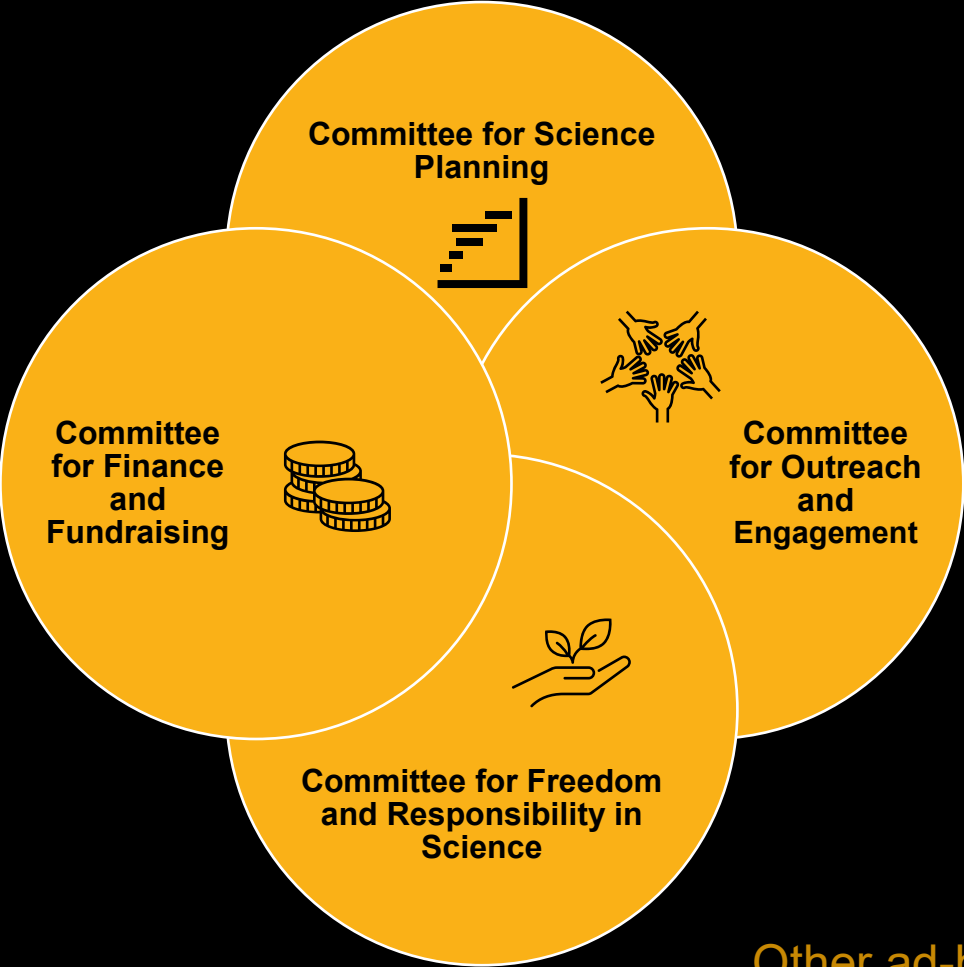
## Our Members include

- **130** National and Regional Scientific Organizations, including academies and research councils
- **40** International Scientific Unions and Associations across the natural and social sciences
- **45** International Affiliates, including organizations like The World Academy of Sciences, the International Institute for Applied Systems Analysis, the Global Young Academy

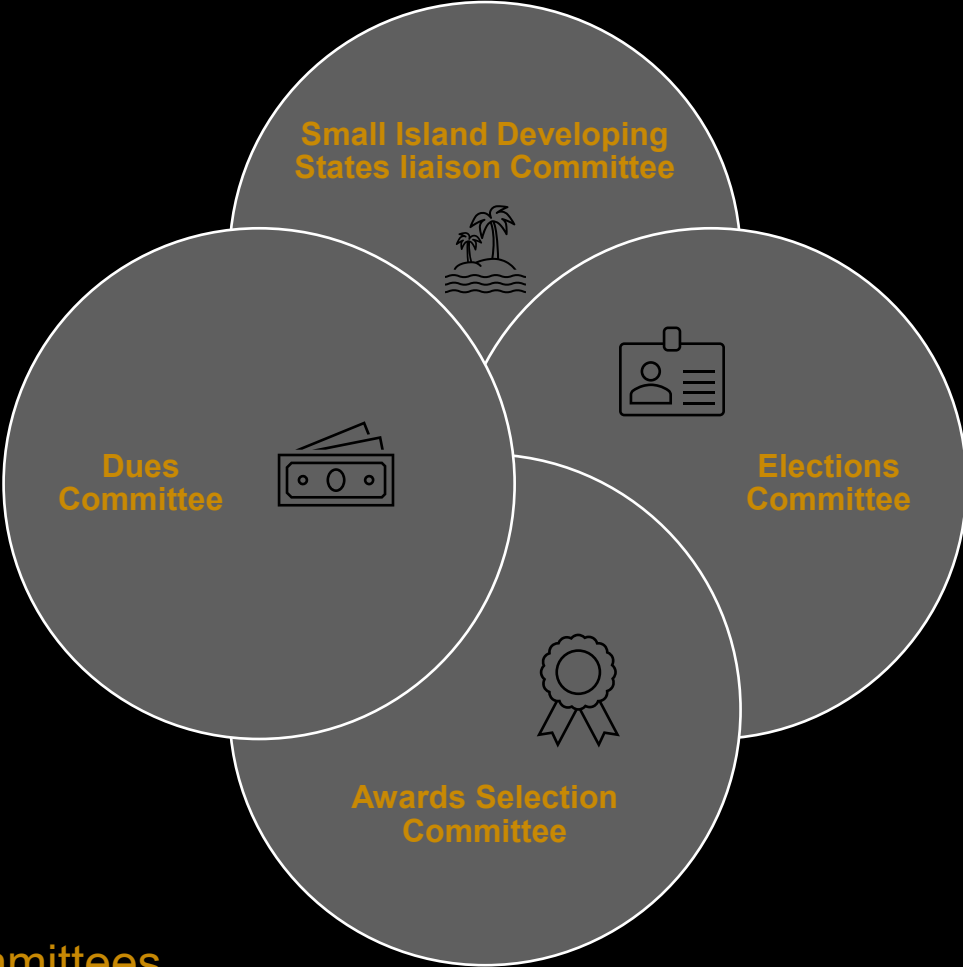
**ISC maintain **active**  
partnerships with:**

Other international scientific bodies, including  
the InterAcademy Partnership, the World  
Federation of Engineering Organizations and  
the Global Research Council

# Advisory Bodies



Other ad-hoc committees



# ISC sponsored and affiliated international scientific bodies

## International Research Programmes

- Future Earth
- Climate Research Programme (WCRP)
- Integrated Research on Disaster Risk Programme (IRDR)
- Urban Health and Wellbeing Programme (UHWB)
- Comparative Research on Inequality (CROP)

## Global Observing Systems

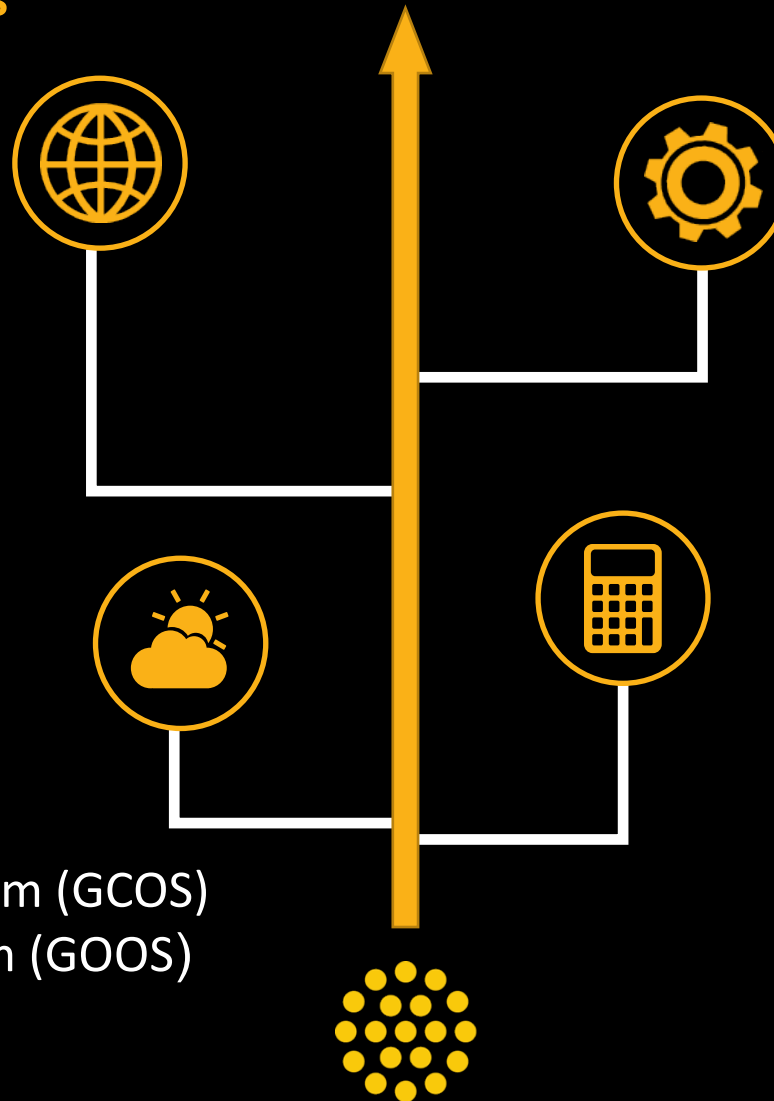
- Global Climate Observing System (GCOS)
- Global Ocean Observing System (GOOS)

## International Scientific Committees

- Antarctic Research (SCAR)
- Frequencies for Radio Astronomy and Space Science (IUCAF)
- Oceanic Research (SCOR)
- Space Research (COSPAR)
- Solar Terrestrial Physics (SCOSTEP)

## International Data Bodies

- Committee on Data for Science and Technology (CODATA)
- World Data System (WDS)





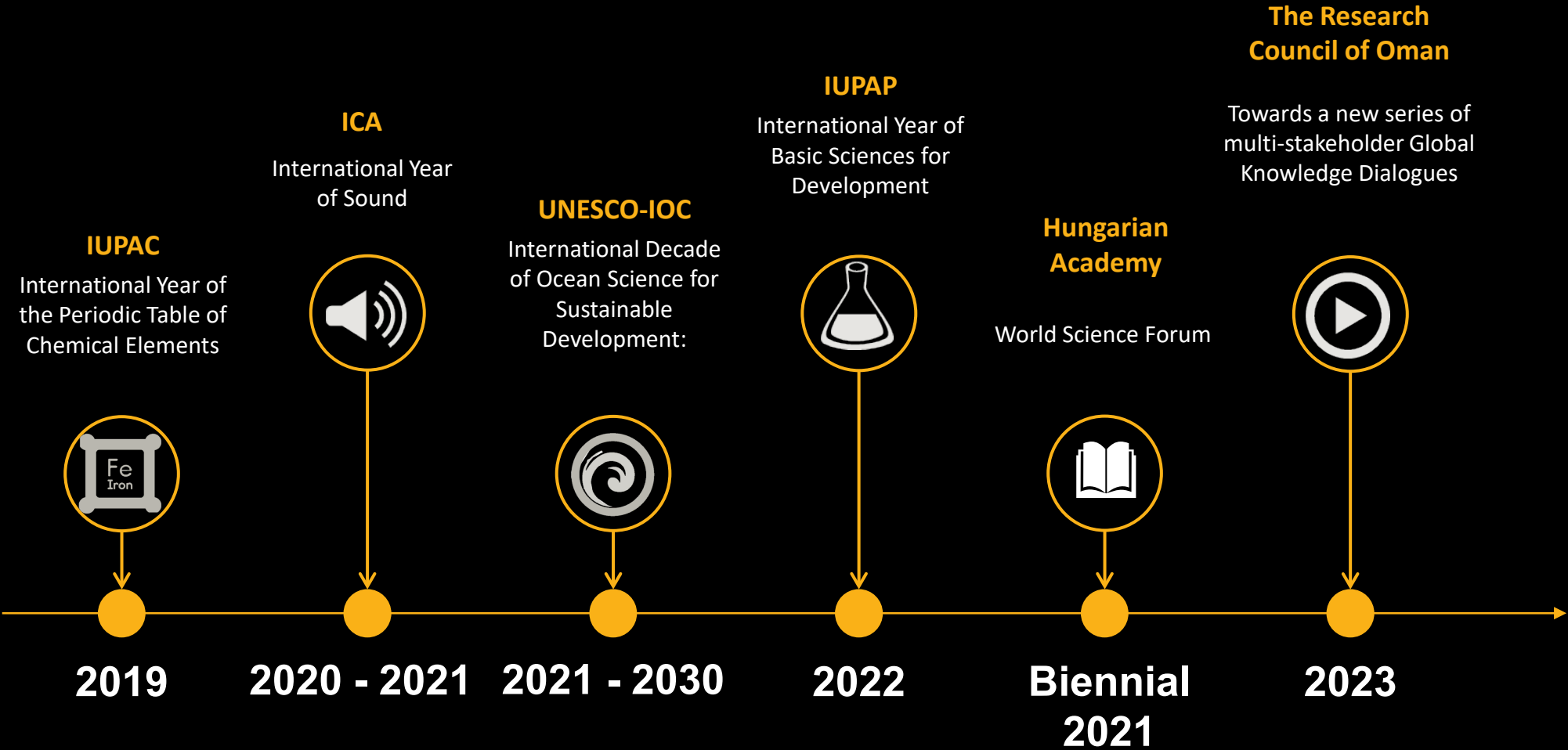


## Engaging in Global Policy Processes

**Representing science in major global policy processes,  
focusing on the post-2015 development agenda, including the**

- 2030 Agenda for Sustainable Development
- Sendai Framework for Disaster Risk Reduction (UNDRR)
- Convention on Biological Diversity (CBD)
- Paris Agreement on Climate Change (UNFCCC)
- New Urban Agenda (UN-Habitat)

# Supporting International Scientific Initiatives



# ISC Action Plan 2019 - 2021 Projects

## Domain 1: The 2030 Agenda for Sustainable Development



International science  
for global  
sustainability



SDG interactions as  
a national policy  
driver



Science and the  
Sendai Framework  
for Disaster Risk  
Reduction



Rethinking Human  
Development

## Domain 3: Science in Policy and Public Discourse



Science-policy  
interfaces at the  
global level



The public value of  
science



Science in the  
private sector

## Domain 2: The Digital Revolution

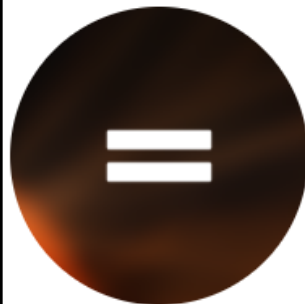


Making data work  
for cross-domain  
grand challenges

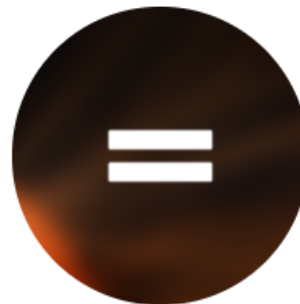


Global Digital  
Charter and UN  
Summit

## Domain 4: The Evolution of Science and Science Systems



Gender equality in  
science



Combating  
discrimination



Refugee and  
displaced scientists



Open science



The future of  
scientific publishing



# The Public Value of Science

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## Global Science TV

- Convening internationally renowned scientific experts presenting thought-provoking discussions on pressing issues of our times
- Framing issues, explaining complexity and proposing possible options for complex and popularly held ideas
- <https://council.science/globalsciencetv/>

## BBC StoryWorks Partnership

- Increase awareness amongst wider publics, policymakers and decision-makers of science as a global public good
- Impactful, solutions-oriented science stories that activate emotions, whilst fortifying levels of public trust in science
- <https://council.science/actionplan/3-2-the-public-value-of-science/>





# Value of ISC Membership - *what it means to be a Member of the ISC*

## **Be part of a global voice for science**

The ISC is the largest global science organization that brings together the natural and social sciences to advance science as a global public good. Access ongoing information on international scientific developments.

## **Benefit from the ISC's convening power**

The ISC convenes the scientific expertise and resources needed to lead on catalysing, incubating and coordinating impactful international action on issues of major scientific and public importance.

## **Participate in ISC Action Plan**

The ISC Action Plan sets out a practical framework towards our vision of science as a global public good, and we rely on our Members' participation for its successful delivery. Contribute to the development of priority actions and collaborate with ISC on various projects and work with affiliated bodies amplifying your voice in how the scientific community responds to and provides actionable outcomes to global challenges.

# **Value of ISC Membership** - *what it means to be a Member of the ISC*

## **Approve the priority agendas for the ISC**

Full Members are entitled to voting rights on decisions related to governance, finances and dues, scientific strategy, activities and changes to the Statutes and Rules of Procedure.

## **Chart the strategic direction of the ISC**

Come together with all ISC Members every three years at the General Assembly to determine the priority agendas of the scientific work and the ISC governance.

## **Determine the composition of the ISC Governing Board**

Nominate candidates for and elect the ISC Governing Board, which provides scientific leadership and enables delivery of the vision, mission, principles and values, as well as the financial and management robustness of the Council.

## **Take up an advisory role for the ISC Governing Board**

Nominate candidates to join ISC advisory bodies, including standing and ad-hoc committees, working groups and task forces on specific topics and key aspects of the Council's work and the Governing Board's duties.

# **Value of ISC Membership** - *what it means to be a Member of the ISC*

## **Advance science in your region**

Work with ISC regional structures to develop and deliver global scientific strategy and action that has both regional resonance and global impact.

## **Support the ISC's mandate at the United Nations**

Through our Members, the ISC is uniquely placed to convene expertise and integrate science in the intergovernmental system, improving the science-policy interface at the global and regional levels, and playing an effective role in this enhanced global science-policy interface. The ISC is a lead coordinator of the UN Major Group for the Scientific and Technological Community and through our many memorandums of understanding with UN agencies, our Members' voices are integrated in major global policy processes (including the 2030 Agenda for Sustainable Development, the Paris Agreement on climate Change, the New Urban Agenda and the Sendai Framework for Disaster Risk Reduction).

## **Harness global opportunities**

Access information on international activities, funding and other opportunities for collaboration to advance your organization's scientific priorities and interests.

# Value of ISC Membership - *what it means to be a Member of the ISC*

## **Uphold and protect the freedom and responsibility in science**

Stand with ISC and its Members by advocating the free and responsible practice of science. The Principle of Freedom and Responsibility in Science is embedded in the Council's Statutes as fundamental to scientific advancement and human and environmental.

## **Amplify your science**

Connect with ISC on social media and let us know about your impact stories, events, job openings, podcasts and calls to action so we can share your messages, initiatives and opportunities with the ISC community via the ISC social media channels, the ISC newsletter and on the ISC website. All Members are listed on the ISC membership online directory, including an introductory text of as well as a link to their organization.

## **Get connected**

Collaborate with other ISC Members on issues of common interest, find partner organizations for your projects and guest speakers for your next conference. We stand ready to facilitate your connection with relevant stakeholders and representatives from the ISC community.



# Value of ISC Membership - *what it means to be a Member of the ISC*

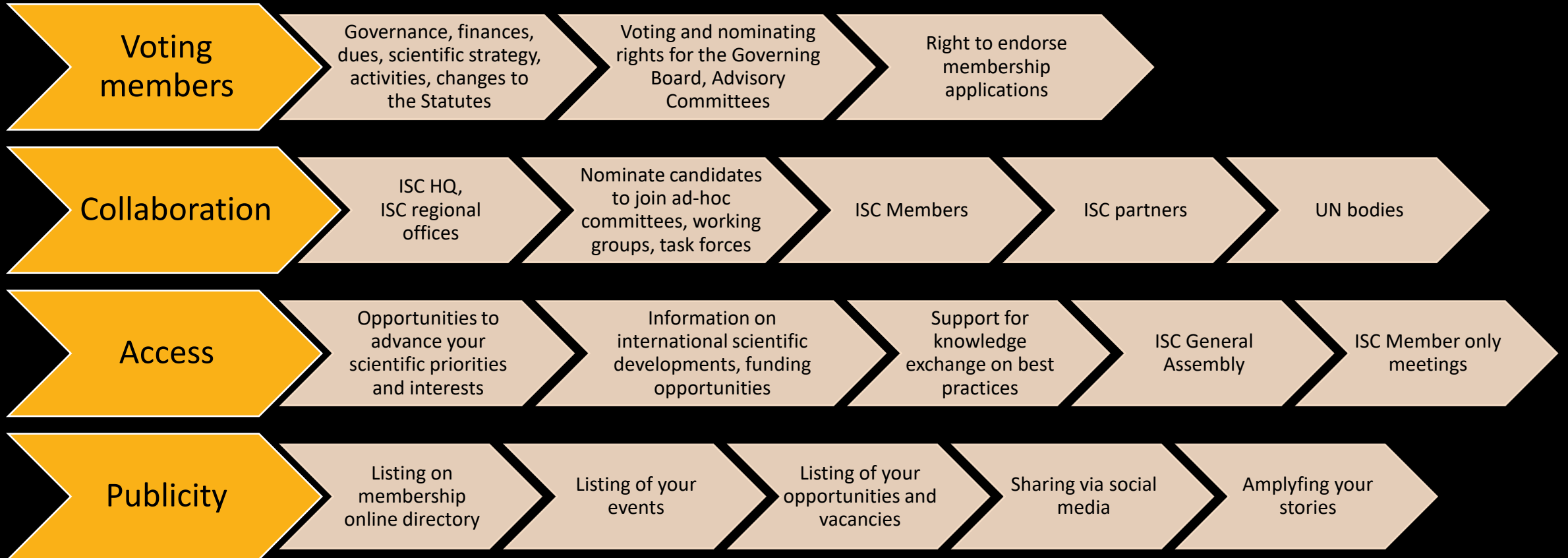
## Exchange knowledge

Support ISC in enhancing knowledge sharing and strengthening the relationship among the ISC membership by joining our regular membership dialogues in the frame of the ISC knowledge sharing sessions. The topics of this online event series range from Q&A sessions on ISC governance, consultations on ISC projects, informal discussions and workshops, and are targeted at all staff members, officer bearers and representatives of ISC Members.

## Stay informed

A devoted membership liaison officer stands ready to answer your questions and ensures that Members receive the latest opportunities for collaboration and updates on ISC developments directly to their inbox through weekly membership emails. The dedicated Membership Notice Board page on the ISC website collates all membership updates and more relevant information for ISC Members. Connect with us in a bilateral video call to share more information on your projects, initiatives and current priorities for science, and learn more about our work and ongoing opportunities for collaboration at the ISC.

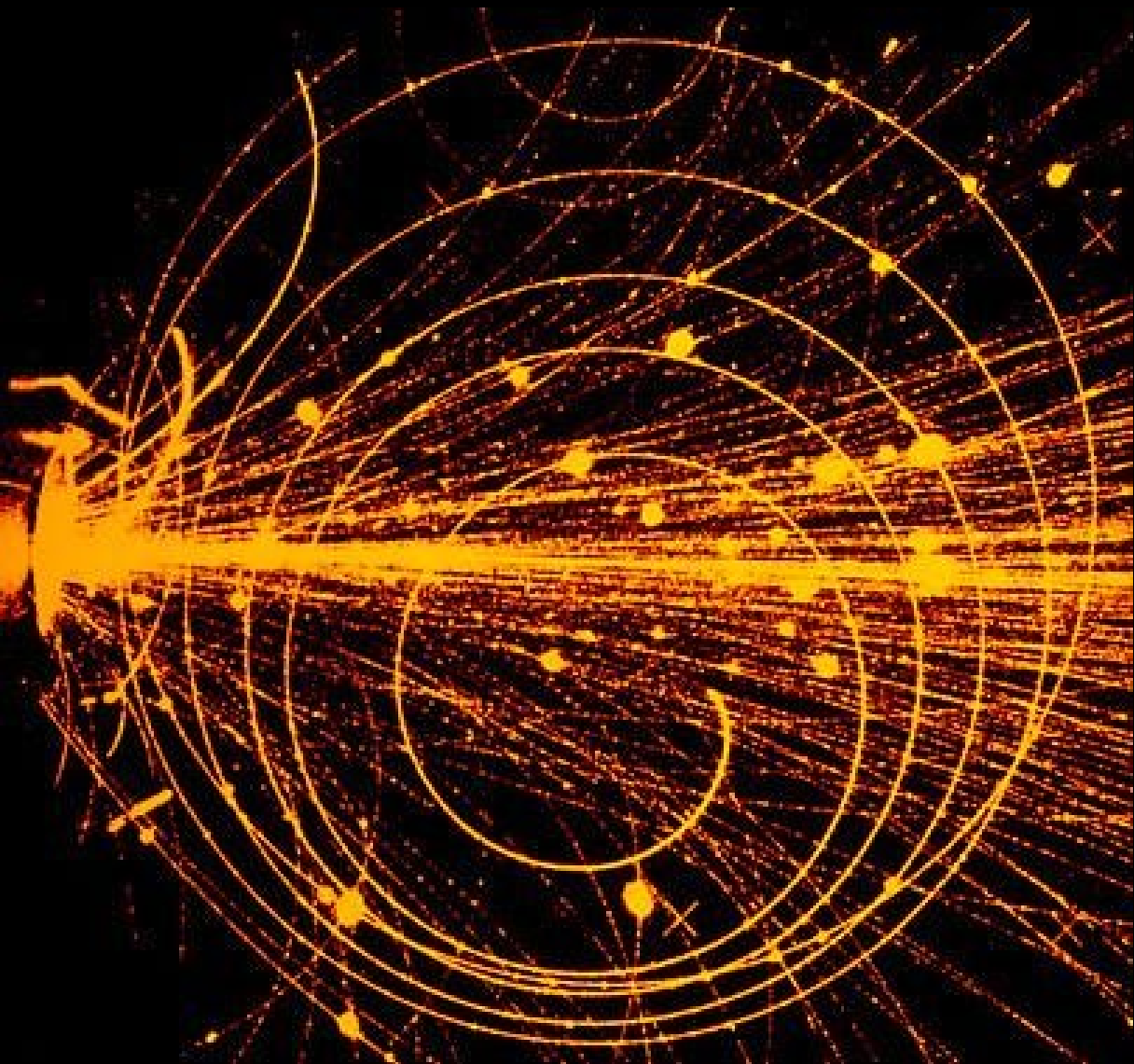
# Value of ISC Membership



# Current opportunities for engagement and collaboration

[https://council.science/  
members/membership-  
notice-board/](https://council.science/members/membership-notice-board/)





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