

InterAcademy Partnership

Strategic Plan (2016-2018)

1. Vision

To bring the independent voice of science to the heart of global development issues.

2. Mission

Our mission is to bring together the world's academies of science, medicine and engineering/technology to act on issues of global importance and promote the use of scientific advice across the world, helping to create an environment that will better harness science to improve the lives of people everywhere.

3. The InterAcademy Partnership

Addressing critical development challenges linked to health, energy, communications, water, food security and sustainability, among others, requires scientific and technological progress.

In order to have an impact on these issues, decision-makers at every level and in every nation must take into account the scientific evidence, and ideally the general public should also have an understanding of the science involved. With their expertise and credibility, academies of science¹ play a significant role in this process: analyzing and synthesizing research results and providing rigorous, independent recommendations to influence national and international policies on science related matters; as well as promoting science education and science literacy.

By bringing together three established global networks of academies and some 130 national members and regional networks, the InterAcademy Partnership aspires to be the most significant global platform for making the independent voice of science heard on issues of global importance.

The InterAcademy Partnership has compiled an extensive track record of delivering evidence-based advice and performing other services for the global community.

4. Strategic Objectives and Priorities (2016-2018)

As an independent international forum bringing together the world's academies of sciences, the InterAcademy Partnership will serve as a platform for member academies to develop mutual collaboration, common positions, and common actions on issues of global importance. IAP will provide evidence-based science and health advice, share best practices, support the formation and strengthening of merit-based academies, foster regional networks, promote science education and science literacy, and facilitate the engagement of young scientists and women scientists in all spheres of scientific activity.

¹ Denotes academies of science focusing on natural and applied sciences, health, engineering, social sciences and the humanities.

The strategic objectives of the **InterAcademy Partnership** are to:

- 1. Provide evidence-based policy-relevant science, health, engineering and technology advice and perspectives on global issues, and**
- 2. Position the InterAcademy Partnership as a recognised provider of independent, high quality, evidence-based global science advice**

These will be achieved through:

- I. Building relationships with policymakers such as national governments, regional and global policymaking bodies such as the European Union, African Union, the United Nations (including UNESCO, WHO, etc) and others, and canvassing their needs in respect of science advice
- II. Publishing evidence-based science advice reports, statements and recommendations of the highest quality and relevance on global issues, for use by national governments and regional and global policymaking bodies
- III. Using the convening power of academies of science and medicine to provide a platform for experts and key academy stakeholders to deliberate on challenges utilising various convening methods
- IV. Supporting the four IAP Regional Networks, other regional networks of academies, and member academies to enhance their visibility and strengthen their capacity to provide evidence-based, authoritative and independent advice to their government and society
- V. Developing and issuing policy relevant statements on critical issues of global importance, including the Sustainable Development Goals (SDGs).
- VI. Fostering ongoing dialogue, network activity and cooperation among academies in areas of continued scientific controversy and debate.

3. Strengthen the global scientific enterprise

This will be achieved through:

- I. Developing products and convening stakeholders around key issues in order to ensure research integrity, reproducibility, access to research data and other areas that affect the progress and credibility of science
- II. Promoting the expansion of scientific, medical and technological capacities globally through the development of effective indicators of progress in science, medicine and technology, mobilising and organising international merit reviews of scientific programs and activities, and co-organising special sessions in cooperation with other recognised organisations on scientific, medical and technological aspects of global challenges
- III. Expanding and supporting activities that foster the next generation of young scientists and physicians, including through collaboration with the Global Young Academy and national young academies
- IV. Expanding and supporting activities that aim to increase the participation of women in science and research and ensuring that gender is taken into consideration when designing and implementing all IAPartnership activities.

4. Champion science and health education and work towards a global citizenry with high levels of health and science literacy

This will be achieved through:

- I. Promoting science and science education in all its forms in all countries through programs such as the implementation of the Inquiry-Based Science Education (IBSE) model in addressing the teaching and learning of science in national education systems
- II. Promoting the understanding of science, technology, engineering and medicine through engagement with society and lifelong learning activities
- III. Supporting the science education and science communication initiatives of regional networks and member academies
- IV. Developing web-based, printed, and other resources that bring reliable information on science, health and policy issues to a global audience.

5. Develop and strengthen the global network of science, medical and engineering/technology academies, IAP's regional networks of academies, and the InterAcademy Partnership's member academies

This will be achieved through:

- I. Expanding, encouraging and supporting IAP Regional Networks to launch new merit-based academies of science and/or medicine in countries where none exist and where there is a critical mass of scientific, medical, technological, and engineering expertise
- II. Expanding, encouraging and supporting IAP Regional Networks to implement programmes aimed at strengthening the capacities of weak/young merit-based academies to fulfil their missions
- III. Expanding training programs to help member academies develop and deliver policy advice, communicate with their stakeholders and the public, and improve other aspects of their missions to serve society, especially those members in low income countries and with limited resources.

These five strategic objectives will be supported by a further three priority areas:

6. Develop and strengthen partnerships with other organisations

- I. Expanding and formalising advisory relationships with a broader array of international organisations
- II. Strengthening cooperation between the InterAcademy Partnership Regional Networks, and within and between member academies
- III. Fostering relationships with other inter-academy networks who are not members of the InterAcademy Partnership and seek cooperation with them on relevant issues
- IV. Building cooperation through inter- and trans-disciplinary approaches with other international organisations, including those dealing with the social sciences, such as TWAS, ICSU, ISSC, UNESCO, and WHO
- V. Encouraging partnerships with the private and civil society sectors.

7. Strengthen the InterAcademy Partnership operations and its fundraising strategy

- I. Developing and implementing a dynamic fundraising strategy for IAP
- II. Building sustainable relationships with potential donors

- III. Expanding the professional staff and human resources support for the implementation of the IAP strategic plan
- IV. Designing and implementing a monitoring and evaluation strategy for the operations and activities of the InterAcademy Partnership.

8. Develop and implement an innovative and effective communications strategy

- I. Supporting member academies and IAP Regional Networks to be more proactive in science communication and to increase their engagement with the media, decision-makers, and the general public.
- II. Designing effective methods to disseminate InterAcademy Partnership statements and reports to policy-makers and the general public
- III. Exploring innovative communication tools, for example social media
- IV. Designing ways to monitor the success of different communication strategies in achieving the goals of IAP and to adopt them accordingly.

5. Delivery

History

Over the past two decades, in order to build on and amplify their individual strengths when tackling pressing global issues, national academies of science and medicine have aligned themselves into three major global networks – **IAP: the Global Network of Science Academies**, the **InterAcademy Council (IAC)** and the **InterAcademy Medical Panel (IAMP)**.

These three inter-related network organizations, which have a successful history of cooperation, are now coming together to form an umbrella organization – the **InterAcademy Partnership (IAP)**.

By bringing together more than 130 national and regional merit-based academies of science and medicine, the InterAcademyPartnership aims to maximize the contributions of science toward understanding and helping to solve the world’s most challenging problems.

Governance

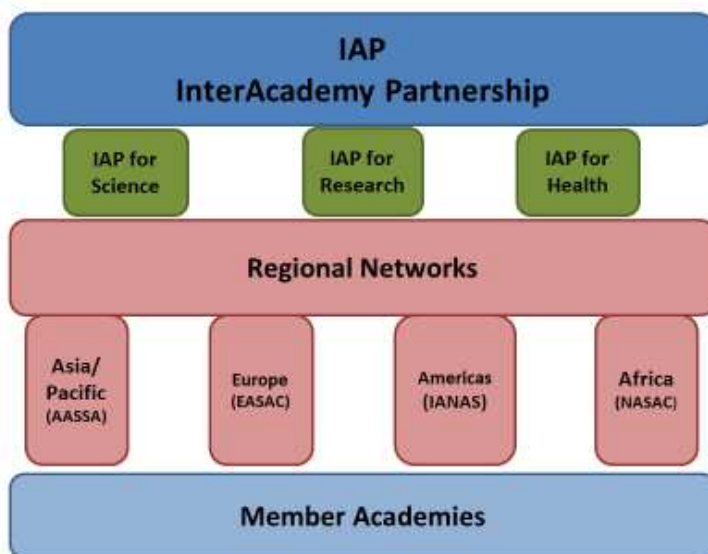


Figure 1: InterAcademy Partnership organizational chart

The IAP, IAMP, and IAC, which are the constituent organizations of the InterAcademy Partnership, have undergone the following name changes:

IAP: the global network of science academies	→ IAP for Science
InterAcademy Council (IAC)	→ IAP for Research
InterAcademy Medical Panel (IAMP)	→ IAP for Health

The co-chairs of the IAP, IAC and IAMP constitute the Steering Committee of the Partnership. The Steering Committee members select two Presidents of the Partnership from among their ranks.

The Board of the Partnership comprises the Steering Committee members together with one representative each of the IAP's four regional affiliated networks (Figure 1).

For more information, visit: www.interacademies.org