



2022 G20 RESEARCH AND INNOVATION MINISTERS MEETING

CHAIR'S SUMMARY

RESEARCH AND INNOVATION COOPERATION FOR CONSERVATION OF BIODIVERSITY AND ITS SUSTAINABLE USE TO SUPPORT THE GREEN AND BLUE ECONOMY

Jakarta, 28 October 2022

We, the G20 Ministers responsible for research and innovation, met on October 28th, 2022, in Jakarta, under Indonesia's Presidency to advance our discussion on the importance of research and innovation cooperation for the protection, conservation, and restoration of biodiversity and its sustainable use to support the development of a sustainable and productive green and blue economy in line with the 2030 Agenda and its Sustainable Development Goals.

PART I

1. The meeting brought together all G20 members, as well as invited countries and International Organizations as distinguished knowledge partners.
2. The meeting was held against the backdrop of a fragile and uncertain global socioeconomic outlook, the climate, environment, and biodiversity crises, as well as conflicts and rising geopolitical tensions with widespread effects on people, the planet, prosperity, and peace. The increased and ongoing conflicts in many parts of the world, including the one in Ukraine, have raised concern. Many members condemn Russia in this regard, while some members view that the Research and Innovation Initiative Gathering is not a proper forum to discuss geopolitical issues. The continuation of the on-going situation will have widespread effects on various sectors, including research and innovation collaboration.

PART II

There is a broad agreement on the following issues:

THE CALL FOR MORE COLLABORATIVE RESEARCH AND INNOVATION

1. The meeting recognized the current challenges related to the protection, conservation, restoration, and sustainable use of biodiversity, including those relating to the implementation of relevant international instruments that address access to genetic resources and fair and equitable sharing of benefits arising out of their utilization. Such challenges call for more collaborative and inclusive research and innovation based on mutually agreed terms.
2. The meeting underlined that international research and innovation cooperation across scientific disciplines is enhanced by co-creating solutions with stakeholders and actors from diverse backgrounds and expertise, including indigenous knowledge.

A multidisciplinary approach to solving global challenges reduces the risk of siloed working and promotes more harmonious, comprehensive, and impactful solutions.

3. The meeting reaffirmed the commitment agreed upon in Italy's 2021 Presidency and proceeded with intensifying actions for the protection, conservation, restoration, and sustainable use of biodiversity. The meeting continued to support the adoption of an ambitious Post 2020 Global Biodiversity Framework and align research and innovation targets as appropriate to that end.

POTENTIAL AREAS OF RESEARCH AND INNOVATION COOPERATION

4. The meeting encouraged research and innovation cooperation in:
 - (i) protection, conservation, restoration, and sustainable use of biodiversity and related ecosystem services;
 - (ii) the invention, testing, adoption, and safe implementation of new technologies and innovations for sustainable development in general and the green and blue economy in particular, including bio-based products and services;
 - (iii) sustainability of all relevant sectors of biotechnology development; and
 - (iv) new and renewable energy to ensure access to affordable, reliable, sustainable, modern, and clean energy for all.

THE IMPERATIVES OF TRAINING AND CAPACITY BUILDING

5. The meeting acknowledged that biodiversity and related ecosystem services are essential determinants of human well-being on Earth. We are experiencing adverse impacts caused by biodiversity loss, among the drivers being changes in land and sea use, direct exploitation of organisms, climate change, pollution, and the invasion of alien species. The meeting reaffirmed commitments in different multilateral environmental agreements, including technical, technological, and scientific cooperation for capacity building in developing countries. The meeting encouraged research on new and sustainable technologies and promote innovative, equitable, and responsible policies that support the protection, conservation, restoration, and sustainable use of biodiversity.
6. The meeting encouraged and endeavored to share best practices related to the training and capacity building of early career researchers, and those in underserved institutions and regions, in particular, to improve skills and knowledge related to research on biodiversity protection, conservation, restoration, and its sustainable use.

THE PROMOTION OF OPEN SCIENCE

7. The meeting encouraged the promotion of open science in research and international cooperation in sharing research infrastructures and facilities, as well as the promotion of the mobility of researchers as appropriate. Researchers are encouraged to share their knowledge.



8. The meeting encouraged the sharing of and open access to biodiversity data, numerical tools, and information, in line with international obligations and national circumstances and regulations, to inform public policies, support decisions on protection, conservation, restoration and sustainable use of biodiversity, and promote deeper knowledge and innovation on biodiversity.

CLOSING

9. The meeting expressed appreciation to the Indonesian G20 Presidency for its leadership and confirmed members' intentions to continue our cooperation to ensure further progress of the Research and Innovation Initiative Gathering (RIIG) under India's G20 Presidency in 2023.

