

IAEA ANNUAL REPORT 2022

Article VI.J of the Agency's Statute requires the Board of Governors to submit
"an annual report to the General Conference concerning the affairs of
the Agency and any projects approved by the Agency".

This report covers the period 1 January to 31 December 2022.

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Member States of the International Atomic Energy Agency

(as of 31 December 2022)



AFGHANISTAN	GERMANY	PALAU
ALBANIA	GHANA	PANAMA
ALGERIA	GREECE	PAPUA NEW GUINEA
ANGOLA	GRENADA	PARAGUAY
ANTIGUA AND BARBUDA	GUATEMALA	PERU
ARGENTINA	GUYANA	PHILIPPINES
ARMENIA	HAITI	POLAND
AUSTRALIA	HOLY SEE	PORTUGAL
AUSTRIA	HONDURAS	QATAR
AZERBAIJAN	HUNGARY	REPUBLIC OF MOLDOVA
BAHAMAS	ICELAND	ROMANIA
BAHRAIN	INDIA	RUSSIAN FEDERATION
BANGLADESH	INDONESIA	RWANDA
BARBADOS	IRAN, ISLAMIC REPUBLIC OF	SAINT KITTS AND NEVIS
BELARUS	IRAQ	SAINT LUCIA
BELGIUM	IRELAND	SAINT VINCENT AND THE GRENADINES
BELIZE	ISRAEL	SAMOA
BENIN	ITALY	SAN MARINO
BOLIVIA, PLURINATIONAL STATE OF	JAMAICA	SAUDI ARABIA
BOSNIA AND HERZEGOVINA	JAPAN	SENEGAL
BOTSWANA	JORDAN	SERBIA
BRAZIL	KAZAKHSTAN	SEYCHELLES
BRUNEI DARUSSALAM	KENYA	SIERRA LEONE
BULGARIA	KOREA, REPUBLIC OF	SINGAPORE
BURKINA FASO	KUWAIT	SLOVAKIA
BURUNDI	KYRGYZSTAN	SLOVENIA
CAMBODIA	LAO PEOPLE'S DEMOCRATIC REPUBLIC	SOUTH AFRICA
CAMEROON	LATVIA	SPAIN
CANADA	LEBANON	SRI LANKA
CENTRAL AFRICAN REPUBLIC	LESOTHO	SUDAN
CHAD	LIBERIA	SWEDEN
CHILE	LIBYA	SWITZERLAND
CHINA	LIECHTENSTEIN	SYRIAN ARAB REPUBLIC
COMOROS	LITHUANIA	TAJIKISTAN
COLOMBIA	LUXEMBOURG	THAILAND
CONGO	MADAGASCAR	TOGO
COSTA RICA	MALAWI	TONGA
CÔTE D'IVOIRE	MALAYSIA	TRINIDAD AND TOBAGO
CROATIA	MALI	TUNISIA
CUBA	MALTA	TÜRKİYE
CYPRUS	MARSHALL ISLANDS	TURKMENISTAN
CZECH REPUBLIC	MAURITANIA	UGANDA
DEMOCRATIC REPUBLIC OF THE CONGO	MAURITIUS	UKRAINE
DENMARK	MEXICO	UNITED ARAB EMIRATES
DJIBOUTI	MONACO	UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND
DOMINICA	MONGOLIA	UNITED REPUBLIC OF TANZANIA
DOMINICAN REPUBLIC	MONTENEGRO	UNITED STATES OF AMERICA
ECUADOR	MOROCCO	URUGUAY
EGYPT	MOZAMBIQUE	UZBEKISTAN
EL SALVADOR	MYANMAR	VANUATU
ERITREA	NAMIBIA	VENEZUELA, BOLIVARIAN REPUBLIC OF
ESTONIA	NEPAL	VIET NAM
ESWATINI	NETHERLANDS	YEMEN
ETHIOPIA	NEW ZEALAND	ZAMBIA
FIJI	NICARAGUA	ZIMBABWE
FINLAND	NIGER	
FRANCE	NIGERIA	
GABON	NORTH MACEDONIA	
GEORGIA	NORWAY	
	OMAN	
	PAKISTAN	

The Agency's Statute was approved on 23 October 1956 by the Conference on the Statute of the IAEA held at United Nations Headquarters, New York; it entered into force on 29 July 1957.

The Headquarters of the Agency are located in Vienna.

The Agency at a Glance



175

Member States



2556

**professional and
general service staff**



€396.63
million

total Regular Budget for 2022*

extrabudgetary expenditures in 2022

€112.44 million



2 **liaison offices**
New York
Geneva

2 **safeguards
regional offices**
Tokyo · Toronto



149

**countries and territories received
support through the Agency's
technical cooperation programme**

including 35 **least developed countries**



15

international laboratories

Vienna · Seibersdorf · Monaco



11

multilateral conventions

nuclear safety · nuclear security · nuclear liability

2022



1308

active technical
cooperation projects



144

active coordinated research projects
to develop new technology



189

States with safeguards
agreements in force

of which **140**

States had additional
protocols in force



62

active IAEA Collaborating Centres

designated Member State
institutions supporting
Agency activities



website

1 200 000

up 20% since 2021

visitors
a month

social media

7 000 000

up 40% since 2021



Over **1 million**

items accessible through
the Agency library



104

Agency publications in English

98 in languages other than English

14 newsletters

The Board of Governors

The Board of Governors oversees the ongoing operations of the Agency. It comprises 35 Member States and generally meets five times a year, or more frequently if required for specific situations.

In the area of nuclear technologies, in the course of 2022 the Board considered the *Nuclear Technology Review 2022*.

In the area of safety and security, the Board discussed the *Nuclear Safety Review 2022* and the *Nuclear Security Review 2022*.

As regards verification, the Board considered the *Safeguards Implementation Report for 2021*. The Board considered the Director General's reports on verification and monitoring in the Islamic Republic of Iran in light of United Nations Security Council resolution 2231 (2015). The Board kept under its consideration the implementation of the Treaty on the Non-Proliferation of Nuclear Weapons (NPT) Safeguards Agreement in the Syrian Arab Republic and the application of safeguards in the Democratic People's Republic of Korea. The Board considered the issue of the NPT Safeguards Agreement with the Islamic Republic of Iran.

The Board discussed the *Technical Cooperation Report for 2021* and approved funding for the Agency's technical cooperation programme for 2023.

The Board considered reports on the Agency and the COVID-19 pandemic.

The Board considered nuclear safety, security and safeguards in Ukraine; IAEA safeguards in relation to AUKUS; and the restoration of sovereign equality in the Agency.

In June 2022, the Board recommended for approval by the General Conference the Agency's Draft Budget Update for 2023, and in December 2022, the Board recommended for approval by the General Conference a revision to the Budget Update.

The Board discussed and took note of the Agency's Medium Term Strategy 2024–2029.

The Director General delivers his statement at the 1637th Board of Governors meeting held at the Agency headquarters in Vienna, 12 September 2022.



Composition of the Board of Governors (2022–2023)

Chair:

HE Mr Ivo ŠRÁMEK
Governor from the Czech Republic

Vice-Chairs:

HE Mr Carlos Sérgio SOBRAL DUARTE
Governor from Brazil

HE Mr Eoin O'LEARY
Governor from Ireland

Argentina
Australia
Brazil
Bulgaria
Burundi
Canada
China
Colombia
Costa Rica
Czech Republic
Denmark
Finland
France

Germany
Guatemala
India
Ireland
Japan
Kenya
Korea, Republic of
Libya
Namibia
Pakistan
Qatar
Russian Federation
Saudi Arabia

Singapore
Slovenia
South Africa
Switzerland
Türkiye
United Kingdom of
Great Britain and
Northern Ireland
United States of America
Uruguay
Viet Nam



89 reports considered

135 hours of meetings

1671 statements delivered





The General Conference

The General Conference comprises all Member States of the Agency and meets once a year in regular session.

The Conference adopted resolutions on the Agency's financial statements for 2021; on the Agency's budget for 2023 (a subsequent special session of the General Conference approved a revision to the Agency's budget); on nuclear and radiation safety; on nuclear security; on strengthening the Agency's technical cooperation activities; on strengthening the Agency's activities related to nuclear science, technology and applications, comprising non-power nuclear applications, nuclear power applications and nuclear knowledge management; on strengthening the effectiveness and improving the efficiency of Agency safeguards; on the implementation of the NPT Safeguards Agreement between the Agency and the Democratic People's Republic of Korea; and on the application of Agency safeguards in the Middle East. The Conference also adopted decisions on the progress made towards the entry into force of the amendment to Article XIV.A of the Statute, approved in 1999; on the report on the promotion of the efficiency and effectiveness of the Agency's decision making process; and on the report on the restoration of sovereign equality in the Agency.



2573 participants registered

2317 Member State representatives

101 from international organizations

155 from NGOs

1873 badges distributed



140 General Debate statements delivered



92 side events



414 Scientific Forum participants

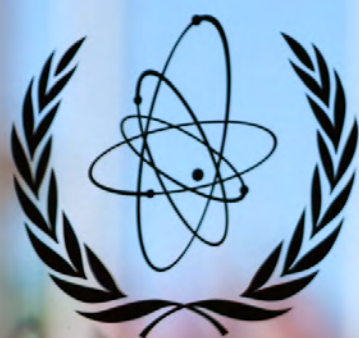


12 381 livestream participants

The Director General delivers his remarks at the opening of the IAEA 66th General Conference.

Notes

- The *IAEA Annual Report 2022* aims to summarize only the significant activities of the Agency during the year in question. The main part of the report, starting on page 53, generally follows the programme structure as given in *The Agency's Programme and Budget 2022–2023* (GC(65)/2). The objectives included in the main part of the report are taken from that document and are to be interpreted consistently with the Agency's Statute and decisions of the Policy-Making Organs.
- The introductory chapter, 'Overview', seeks to provide a thematic analysis of the Agency's activities within the context of notable developments during the year. More detailed information can be found in the latest editions of the Agency's *Nuclear Safety Review*, *Nuclear Security Review*, *Nuclear Technology Review*, *Technical Cooperation Report* and *Safeguards Statement and Background to the Safeguards Statement*.
- Additional information covering various aspects of the Agency's programme is available, in electronic form only, on iaea.org, along with the *Annual Report*.
- The designations employed and the presentation of material in this document do not imply the expression of any opinion whatsoever on the part of the Secretariat concerning the legal status of any country or territory or of its authorities, or concerning the delimitation of its frontiers.
- The mention of names of specific companies or products (whether or not indicated as registered) does not imply any intention to infringe proprietary rights, nor should it be construed as an endorsement or recommendation on the part of the Agency.
- The term 'non-nuclear-weapon State' is used as in the Final Document of the 1968 Conference of Non-Nuclear-Weapon States (United Nations document A/7277) and in the Treaty on the Non-Proliferation of Nuclear Weapons (NPT). The term 'nuclear-weapon State' is as used in the NPT.
- All the views expressed by Member States are reflected in full in the summary records of the June Board of Governors meetings. On 5 June 2023, the Board of Governors approved the *Annual Report for 2022* for transmission to the General Conference.



IAEA

International Atomic Energy Agency

Abbreviations

AFRA	African Regional Co-operative Agreement for Research, Development and Training Related to Nuclear Science and Technology
ALPS	Advanced Liquid Processing System
AP	additional protocol
ARASIA	Co-operative Agreement for Arab States in Asia for Research, Development and Training related to Nuclear Science and Technology
ARCAL	Regional Co-operation Agreement for the Promotion of Nuclear Science and Technology in Latin America and the Caribbean
ARTEMIS	Integrated Review Service for Radioactive Waste and Spent Fuel Management, Decommissioning and Remediation
COMPASS	IAEA Comprehensive Capacity-Building Initiative for SSACs and SRAs
CPF	country programme framework
CRP	coordinated research project
CSA	comprehensive safeguards agreement
EduTA	Education and Training Appraisal
EENS	External Events Notification System
EPR	emergency preparedness and response
EPREV	Emergency Preparedness Review
FAO	Food and Agriculture Organization of the United Nations
ICERR	IAEA-designated International Centre based on Research Reactor
ICTP	Abdus Salam International Centre for Theoretical Physics
IEC	Incident and Emergency Centre
imPACT	integrated missions of PACT
INIR	Integrated Nuclear Infrastructure Review
INIR-RR	Integrated Nuclear Infrastructure Review for Research Reactors
INIS	International Nuclear Information System
INLEX	International Expert Group on Nuclear Liability
INMA	International Nuclear Management Academy
INPRO	International Project on Innovative Nuclear Reactors and Fuel Cycles
INSServ	International Nuclear Security Advisory Service
INSSP	Integrated Nuclear Security Support Plan
IPPAS	International Physical Protection Advisory Service
IRRS	Integrated Regulatory Review Service
IRRUR	Integrated Research Reactor Utilization Review
ISAMZ	IAEA Support and Assistance Mission to Zaporizhzhya
ISCA	Independent Safety Culture Assessment
ISSAS	IAEA State System of Accounting for and Control of Nuclear Material Advisory Service

JCPOA	Joint Comprehensive Plan of Action
KMAV	Knowledge Management Assist Visit
MCIF	Major Capital Investment Fund
MEREIA	Methods for Radiological and Environmental Impact Assessment
MSCFP	IAEA Marie Skłodowska-Curie Fellowship Programme
MSSP	Member State Support Programme
NEM School	Nuclear Energy Management School
NHSI	Nuclear Harmonization and Standardization Initiative
NLO	National Liaison Officer
NPCs	National Participation Costs
NPP	nuclear power plant
NPT	Treaty on the Non-Proliferation of Nuclear Weapons
NUTEC Plastics	NUclear TEChnology for Controlling Plastic Pollution
NWAL	Network of Analytical Laboratories
OMARR	Operation and Maintenance Assessment for Research Reactors
ORPAS	Occupational Radiation Protection Appraisal Service
OSART	Operational Safety Review Team
PACT	Programme of Action for Cancer Therapy
PROSPER	Peer Review of Operational Safety Performance Experience
RANET	Response and Assistance Network
RCA	Regional Co-operative Agreement for Research, Development and Training Related to Nuclear Science and Technology
RCF	Regulatory Cooperation Forum
RISS	Advisory Mission on Regulatory Infrastructure for Radiation Safety and Nuclear Security
SALTO	Safety Aspects of Long Term Operation
SCCIP	Safety Culture Continuous Improvement Process
SEED	Site and External Events Design
SIT	sterile insect technique
SMR	small and medium sized or modular reactor
SQP	small quantities protocol
SRA	State or regional authority responsible for safeguards implementation
SSAC	State system of accounting for and control of nuclear material
TCF	Technical Cooperation Fund
TSR	Technical Safety Review
UPSAT	Uranium Production Site Appraisal Team
VETLAB Network	Veterinary Diagnostic Laboratory Network
WHO	World Health Organization
ZODIAC	Zoonotic Disease Integrated Action
