



International Renewable Energy Agency

10 December 2025

Sixteenth session of the Assembly
Abu Dhabi, 11-12 January 2026

Work Programme Self-Assessment (2024-2025)

Pursuant to Medium-term Strategy (MTS) 2023-2027, the Agency is required to undertake a self-assessment of its biennial programmatic work. This request is given in the context of the need to better measure, document and assess the effectiveness and impact of IRENA's programmatic work to guide its implementation and future programming.

Against the backdrop of a shifting energy landscape, the 2024-2025 biennium required a pivot toward resilience and strategic action. Geopolitical conflict, supply chain fragmentation, and persistent inflation have severely tested energy security, prompting countries to reconsider their reliance on volatile fossil fuels. In this context, IRENA has maintained robust implementation of its Work Programme and Budget, strategically focusing on accelerating the energy transition as the primary pathway to security and stability. The Agency has delivered high-impact knowledge products that directly link renewable energy deployment to macroeconomic resilience; convened high-level meetings that foster global dialogue on system integration; and provided targeted technical assistance to countries and regions.

Accordingly, this presentation provides the key features of self-assessment of the Work Programme and Budget for 2024-2025.

- ❖ Knowledge foundation, 2024-2025
- ❖ Support to countries and regions
- ❖ Strategic partnerships and engagement
- ❖ Project facilitation
- ❖ Member engagement
- ❖ Communications and outreach

Knowledge Foundation 2024-2025

IRENA empowers effective policy and decision-making by providing authoritative knowledge and analysis on renewables-based energy transformation at global, national and sectoral levels. This analytical work forms the knowledge foundation that underpins and feeds into IRENA's country and regional work.

IRENA's advisory role and support for its Members on the renewables-based energy transition are built upon a robust foundation of research, data, and comprehensive analysis. This empirical and analytical basis enables the Agency to influence the global energy discourse.

IRENA has launched 76 flagship or strategic reports* during the biennium.

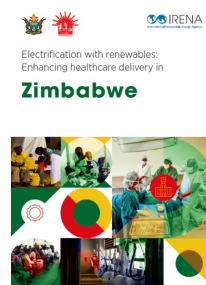
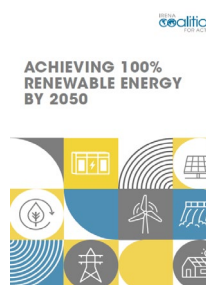
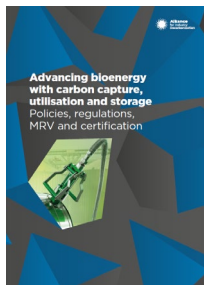
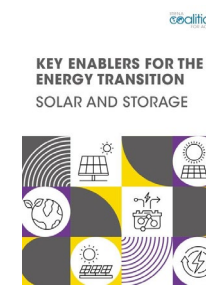
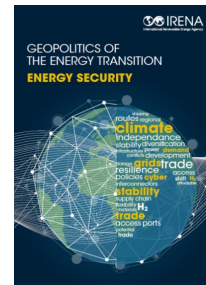
Select flagship reports released in 2004 and 2025*



*As of 15 November 2025.

IRENA has released **32 partnership reports** on a broad range of technology, climate action, infrastructure, socio-economic, innovation, energy access, and electrification, among others.

Examples of Partnership reports



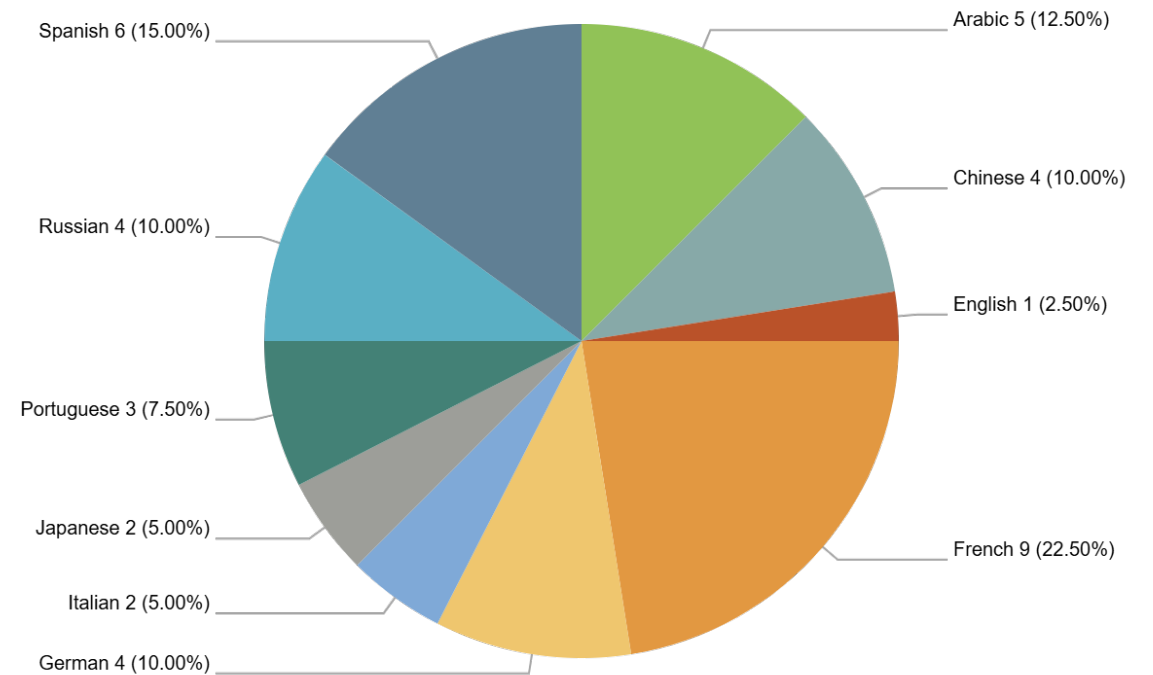
IRENA released **74 technical advisory and other knowledge products**, covering a broad range of technology, policy, climate action, socio-economic, finance and investment issues, as well as regional case studies and interdisciplinary topics e.g., health and gender.

In 2024-25, 40 reports were translated, covering the six UN languages, as well as German, Italian, Japanese, and Portuguese.

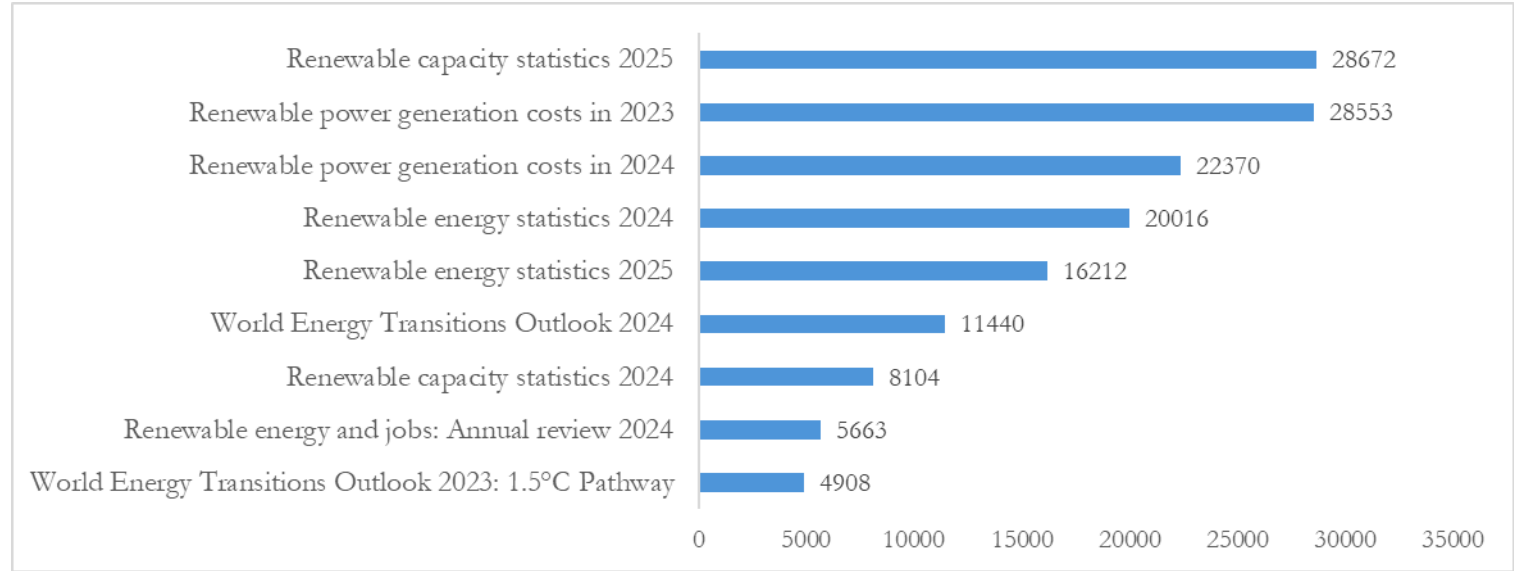
Examples of technical advisory and other knowledge products



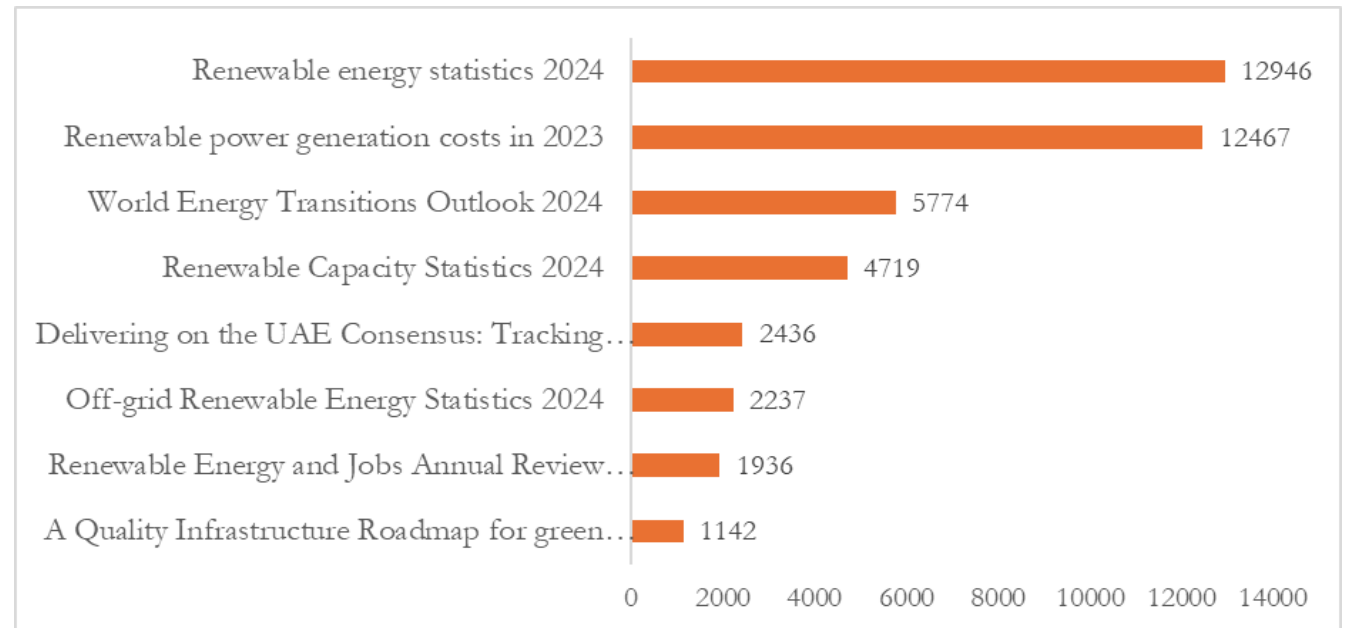
Number of Translations by Language (2024-2025)



Top 10 most downloaded publications, 2025



Top 8 most downloaded publications, 2024



* As of 15 November 2025

Support to Countries and Regions

IRENA supports decision-making at the country and regional level to accelerate the renewables-based transformation of national and regional energy systems, advance strategies to diversify energy sources, reduce global emissions and achieve sustainable development. IRENA collaborates with countries and regions to ensure that all Members have access to knowledge and practical support, enabling them to keep pace and avoid being left behind.

- 102** Countries engaged
- 189** Activities completed
- 42** Implementation of support
- 9** Scoping of support

Latin America and the Caribbean 24

Antigua and Barbuda	Dominica	Nicaragua
Argentina	Dominican Republic	Panama
Bahamas	Ecuador	Paraguay
Belize	El Salvador	Peru
Brazil	Grenada	Saint Kitts and Nevis
Colombia	Guatemala	Saint Lucia
Costa Rica	Guyana	Saint Vincent and Grenadines
Cuba	Honduras	Uruguay

Europe 9

Albania	Montenegro
Belarus	North Macedonia
Bosnia and Herzegovina	Türkiye
Georgia	Ukraine
Moldova	

Asia and the Pacific 30

Bangladesh	Iraq	Myanmar	Samoa
Bhutan	Jordan	Nauru	Saudi Arabia
Brunei Darussalam	Kazakhstan	Nepal	Solomon Islands
China	Kyrgyz Republic	Oman	Tonga
Fiji	Lao People's Democratic Republic	Pakistan	United Arab Emirates
India	Lebanon	Palau	Uzbekistan
Indonesia	Mongolia	Papua New Guinea	Vanuatu
Iran (Islamic Republic of)		Philippines	

Africa 39

Angola	Egypt	Malawi	Senegal
Benin	Eswatini	Mali	Seychelles
Burkina Faso	Ethiopia	Mauritius	Sierra Leone
Cameroon	Gabon	Mauritania	Somalia
Chad	The Gambia	Mozambique	South Africa
Comoros	Ghana	Namibia	Sudan
(Republic of) Congo	Kenya	Niger	United Republic of Tanzania
Côte d'Ivoire	Lesotho	Nigeria	Uganda
Democratic Republic of Congo	Liberia	Rwanda	Zambia
	Madagascar	São Tomé and Príncipe	Zimbabwe

102 countries supported

IRENA uses its **considerable body of knowledge and expertise** in the energy transition to support Members in developing and implementing NDCs that account for the cost-effective renewable energy potential of each country.

IRENA's work on NDCs includes targeted support to implement climate action plans and strategies through technical analysis and assistance as well as capacity building.

Disclaimer: This map is provided for illustration purposes only. Boundaries and names shown on this map do not imply the expression of any opinion on the part of IRENA concerning the status of any region, country, territory, city or area or of its authorities, or concerning the delimitation of frontiers or boundaries.

Technical Analysis and Recommendations for NDC 3.0



Based on country assessments:

- Bangladesh, Chad, Colombia, Indonesia, Iraq, Kyrgyzstan, Lebanon, Nigeria, Pakistan, Papua New Guinea, Philippines, and Somalia

NECP-NDC Alignment for Energy Community countries



Align NDCs with higher ambition NECPs:

- Albania, Bosnia and Herzegovina, Georgia
- Expand to all Energy Community countries

Energy data, statistics and resource assessment



- Energy data and statistics: Ecuador, Mauritania, Nepal, Samoa
- RE resource assessment: Angola, Bahamas, and Senegal
- Climate transparency, BTR: UAE

NDC 3.0 Technical Assistance (including with NDC Partnership)



- Cost-effectiveness analysis of mitigation options: Malawi, Mauritius, Namibia, Seychelles, and Tanzania
- Power infrastructure resilience: El Salvador
- Energy planning: Senegal, South Africa and Zimbabwe
- Capacity building: Benin, Burkina Faso, Tonga and UAE
- Sectoral analysis: Brazil
- NDC implementation: Belize, Dominica, Dominican Republic, Fiji and Montenegro

Country Strategy aligned with Tripling RE Ambition



Assessment and strategic action plan for overcoming key challenges to Tripling RE goal:

- Brazil, Colombia, and Morocco

Objective: Accelerate development of renewable energy to transform energy landscape of Central Asia, while maximizing socio-economic development benefits



Strengthening
Energy
Infrastructure



Policy, Regulatory and
Institutional Frameworks and
Capacity Building



Enabling Local Value
Creation and Green
Industrialization



Mobilizing Private
Investments and Boosting
Access to Finance

- Azerbaijan, Kazakhstan, Kyrgyzstan, Tajikistan and Uzbekistan joined the APRECA.

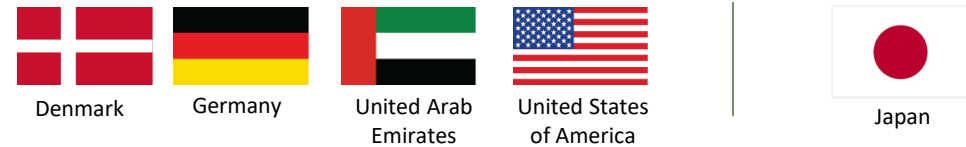
Accelerated Partnership for Renewables in Africa (APRA)

Launched at COP 28 in Dubai and rooted in the Nairobi Declaration on Climate Change and Call to Action, APRA is an **African-led partnership** that fosters a strategic transition to renewable energy.

Members



Partners



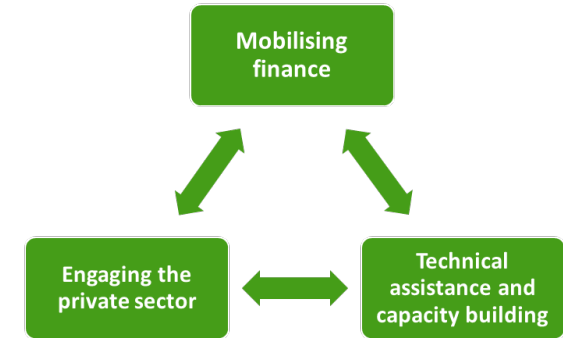
Supporting partners



Objectives

- ❖ Enhance energy access, security, and green growth
- ❖ Leverage resources for industrialisation
- ❖ Foster a collaborative approach and tailored solutions

Key focus areas:



Secretariat



Implementation Office



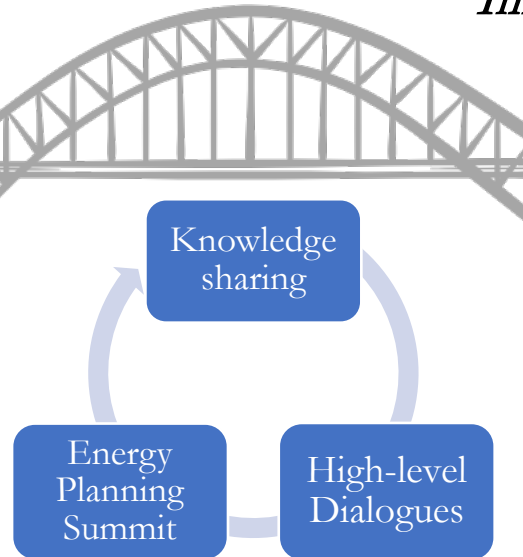
IRENA provides analytical work and support to countries to improve their **long-term energy planning, with a focus on renewable energy**. The workstream includes **capacity-building of government and regional institutions, sharing best practices of national energy planning, and providing a collaborative platform for peer-to-peer learning**.

An example of IRENA's efforts to go beyond and create a bridge between planning and resource mobilisation is the **Global Coalition for Energy Planning, launched in June 2025**.

Ambition & Planning



Capital & Implementation



- **Purpose:** Member-driven platform linking national plans to finance.
- **Distinct role:** Coordination hub & political amplifier, no duplication.
- **Governance:** Rotating Chair + IRENA as neutral Secretariat.
- **Member benefits:** De-risking guidance, high-level finance dialogues, streamlined partner support.
- **Resource model:** Early phase funded by in-kind and voluntary contributions.

“Turning credible national plans into investable pipelines”

Strategic Partnerships and Engagements

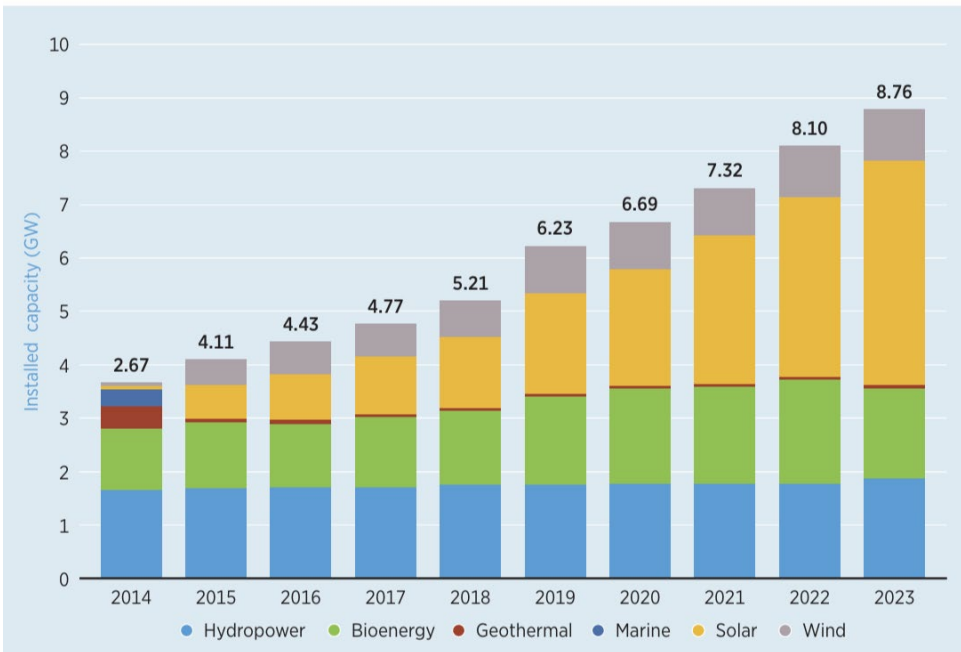
IRENA provides an inclusive platform for all stakeholders to foster action, convergence of efforts and knowledge sharing for impact on the ground.

IRENA's shift toward inclusion and partnerships remains important given the need to accelerate implementation, and the growing number of actors in the energy transitions space.

SIDS Lighthouse Initiative (SIDS LHI)

Launched at the 2014 United Nations Climate Summit, SIDS LHI is a **framework for action to support SIDS in their renewables-based energy transition, and the achievement of the Paris Agreement and 203 Agenda**. IRENA provides **technical assistance, capacity building, knowledge sharing, and energy data and statistics analysis**, as well as **developing progress indicators and impact measures** of implementing the SIDS LHI 12 priority areas.

Total installed RE capacity by technology for all SIDS (2014-2023)



- ❖ 41 SIDS
- ❖ 53 Development partners

Source: IRENA, *SIDS Lighthouses Initiative Annual Progress Report, 2023*

Impact of efforts towards the energy transition in SIDS

Renewable energy deployment

- 150% growth from 3.4 GW in 2014 to 8.7 GW in 2023

4.21 GW 1.84 GW 1.67 GW

8.7 GW

Growth in partnerships

- 140% growth in partnership base since 2014
- Well-established partnership base
- 41 SIDS
- 12 partner countries
- 41 partner organisations

94 partners

NDC enhancement and implementation support

- 331 national activities in 40 SIDS for NDC support since 2014
- 45 regional activities in AIS, Caribbean, Pacific
- 56 global activities
- 100 000+ beneficiaries in SIDS

SIDS LIGHOUSES

Knowledge and digital engagement

- 70+ SIDS focused publications
- 1 000+ annual views on Social Media
- 13 500+ annual views on SIDS LHI website

~15 000 views

Examples of recent technical support to SIDS

- SIDS LHI M&E framework
- Renewables readiness assessment
- RE and E-mobility roadmap
- Resource assessment

Global recognition and awards

- UN SIDS Partnerships Award winner 2022 (environmental category)
- IRENA support for global priorities through the SIDS LHI (SIDS4)

10 GW

2030 RE target

10+

years in action

Among 12 priority areas

NDCs
Access to finance
Innovative solutions
Climate resilience
SIDS appropriate technologies
Renewable energy nexus

Co-chaired by IRENA, the Global Offshore Wind Alliance (GOWA) has been successfully established as the world's primary public-private vehicle for transforming political ambition into bankable project pipelines, driving toward the 2000 GW required by 2050.

- **A Premier Global Coalition:** GOWA unites 39 members, strategically blending national and sub-national governments from mature and emerging markets (Canada, EU, Colombia, Australia) with private sector leaders (Ørsted, Vestas, CIP).
- **Powered by IRENA's Data & Analytics:** As the Alliance's knowledge partner and co-chair, IRENA provides the robust data, technical intelligence, and global scenarios that underpin GOWA's policy recommendations and de-risk investment.
- **Positioning Offshore Wind as a Pillar of Energy Security:** GOWA has successfully framed offshore wind as a scalable solution capable of delivering 35% of necessary GHG emission cuts via ocean-based climate action.
- **Driving the Global Agenda:** From UN Climate Week NYC to the APAC Energy Summit, GOWA is actively shaping the international conversation, focusing global leaders on the critical priorities of supply chain development, predictable permitting, and stable policy frameworks.
- **Embedding Ambition into Climate Policy:** We are leading the effort to integrate offshore wind into national climate commitments through the Blue NDC Challenge, ensuring targets are visible at the highest political level ahead of COP30.
- **Ensuring Cohesion Across the Energy Transition:** IRENA's leadership ensures GOWA's work is fully coordinated with other major international platforms, preventing duplication and maximizing the collective impact of global renewable energy initiatives.

Growth factors:

- **Catalyze Growth in the Global South:** Expand the coalition to new, high-potential markets.
- **Establish Regional Cooperation Hubs:** Launch formal platforms in the Asia-Pacific, Latin America, and Africa to build shared infrastructure and expertise.
- **Unlock First-Mover Projects:** Provide targeted diplomatic and technical support to deliver inaugural auctions (e.g., Philippines), creating replicable models for gigawatt-scale deployment.

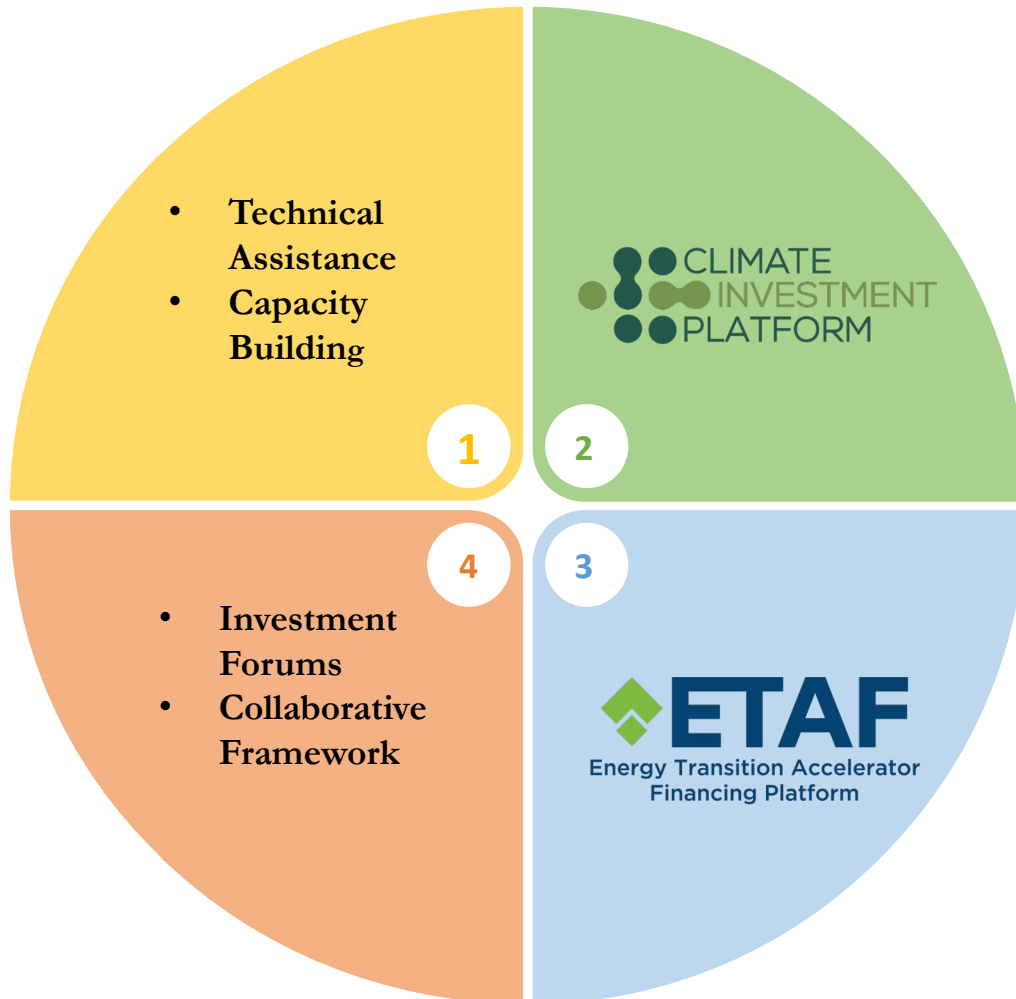
IRENA brought together a community of 300 innovators for IRENA's flagship event **Innovation Week** to discuss how **technological advances**, diverse **business models**, adaptive **regulation**, and **strategic planning** and **system operation** can establish new ways to implement and advance the energy transition.



Project Facilitation

IRENA plays an active role in understanding the key levers to attract private investment and how the existing and new risk mitigation instruments and financing mechanisms. IRENA is also utilising its knowledge, expertise, and professional relationships to facilitate the creation of project pipelines and access to finance.

IRENA's analytical work, including on policy, finance, and investment also brings greater awareness and deeper knowledge on how to ensure capital flows to developing countries.



1. Technical Assistance:

- Combines expert guidance and project-specific support with a strong focus on implementation and skills transfer.

Capacity Building

- Expert-led and participatory approach, designed for flexible delivery, sustainable skills transfer, and long-term local empowerment.

2. CIP

- CIP is a **demand-driven platform** launched in partnership with UNDP, SE4ALL in collaboration with the Green Climate Fund, and with a mandate to increase capital mobilisation and renewable energy impact investing in developing countries.

3. ETAF

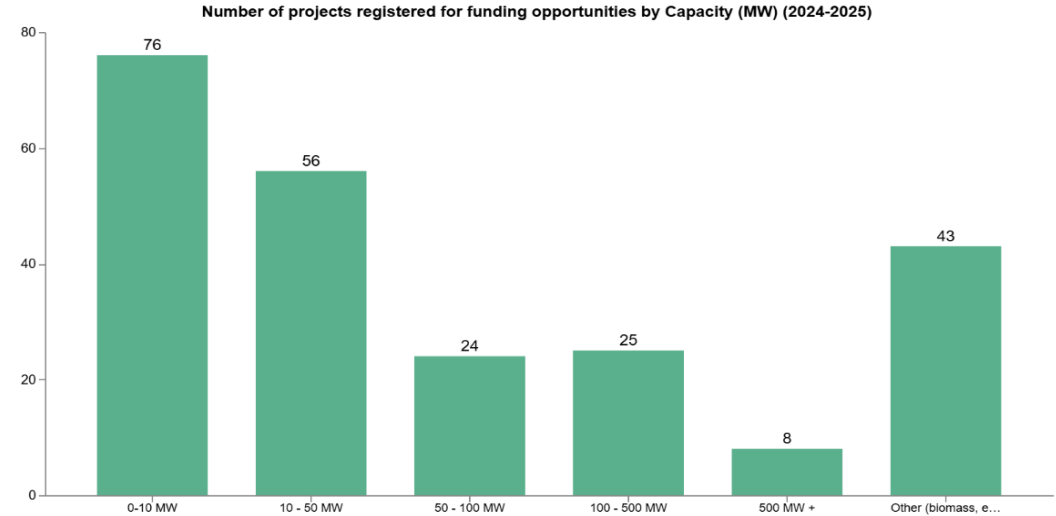
- ETAF is a **multi-stakeholder platform** supporting the implementation of renewable energy projects by accelerating access to finance for the energy.
- The platform focus is on **acceleration** of the deployment of sizeable and strategic RE solutions through access to a dedicated funding pool and derisking instruments.

4. Investment Forums and Collaborative Frameworks

- **Investment Forums:** Convene public and private sector leaders, financiers, and development partners to drive energy transition **investments**
- **Collaborative Frameworks:** Foster inclusive peer **dialogue** and coordinated action to address policy and financing challenges for bankable renewable energy projects and accelerate the energy transition.

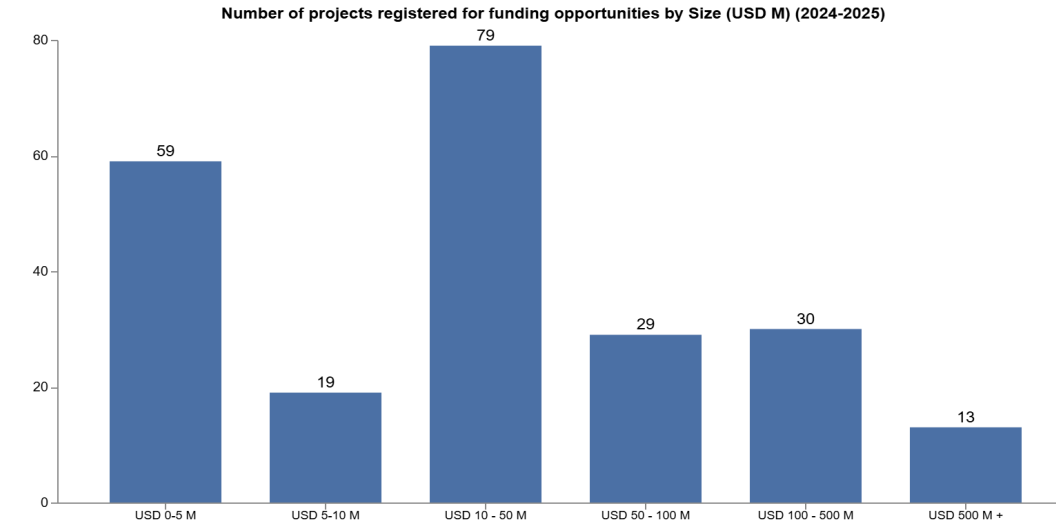
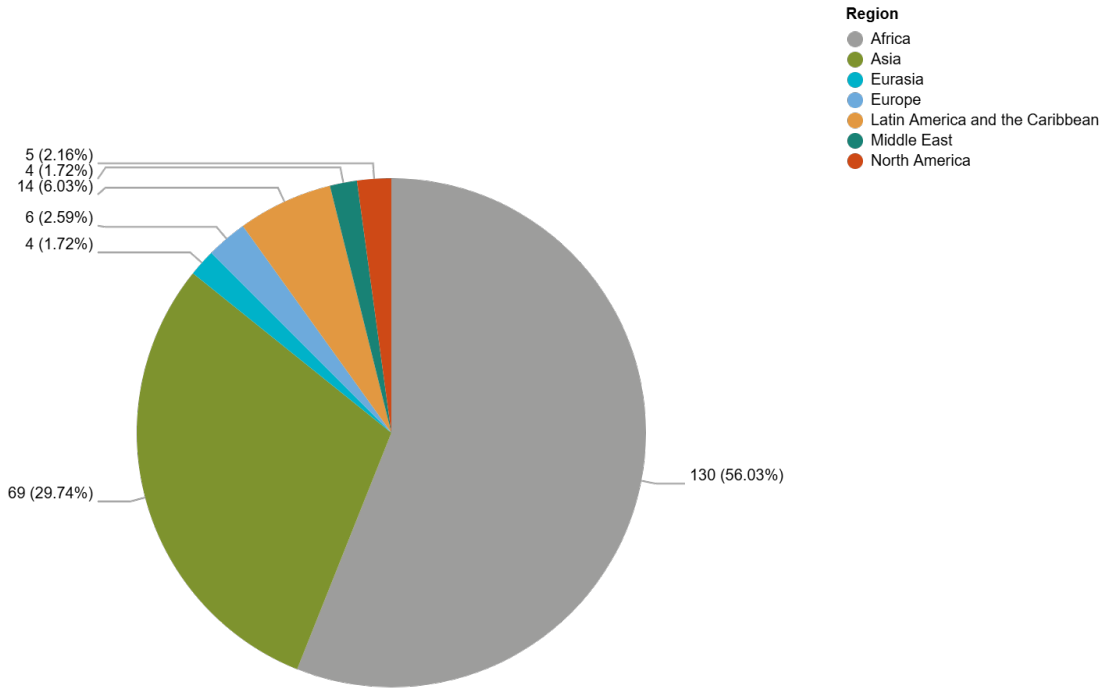
Projects submitted to CIP & ETAF seeking funding opportunities

Year	# of projects registered
2024	96
2025	136



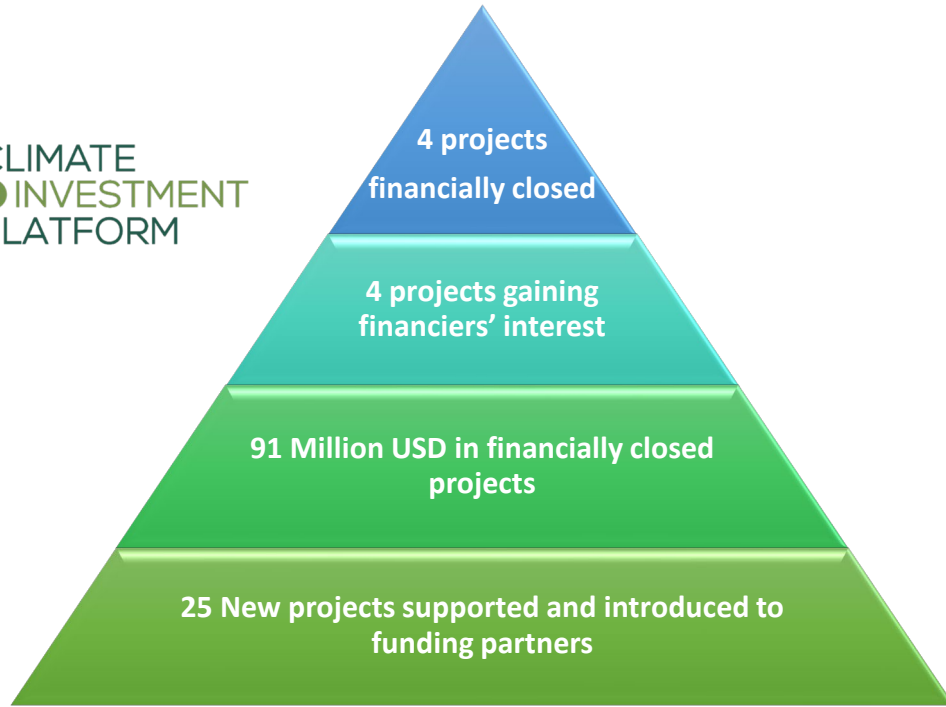
1. 0-10 MW
2. 10-50 MW
3. 50-100 MW
4. 100-500 MW
5. 500 MW +
6. Other (biomass, e-mobility etc.)

Number of Projects registered for funding opportunities by Region (2024-2025)



1. USD 0-5 M
2. USD 5-10 M
3. USD 10-50 M
4. USD 50-100 M
5. USD 100-500 M
6. USD 500 M +

Progress of the project pipeline (August 2024 to August 2025)



489 registered partners

100 MW of financially closed projects

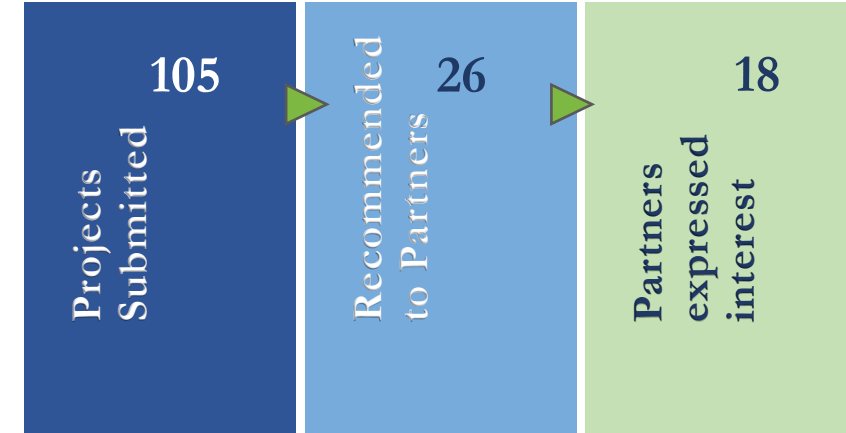
176 M USD of financially closed projects

Countries of financially closed projects:



Albania Benin Dominica Indonesia Malaysia Niger Zimbabwe

ETAF



33% increase in project portfolio between August 2024 and August 2025

4 projects (917 MW) financially closed in Uzbekistan and Comoros.

USD 1.02 billion in co-financing. Powering over **1 million homes**. Over **1 million tCO2e** emission reductions



Comoros



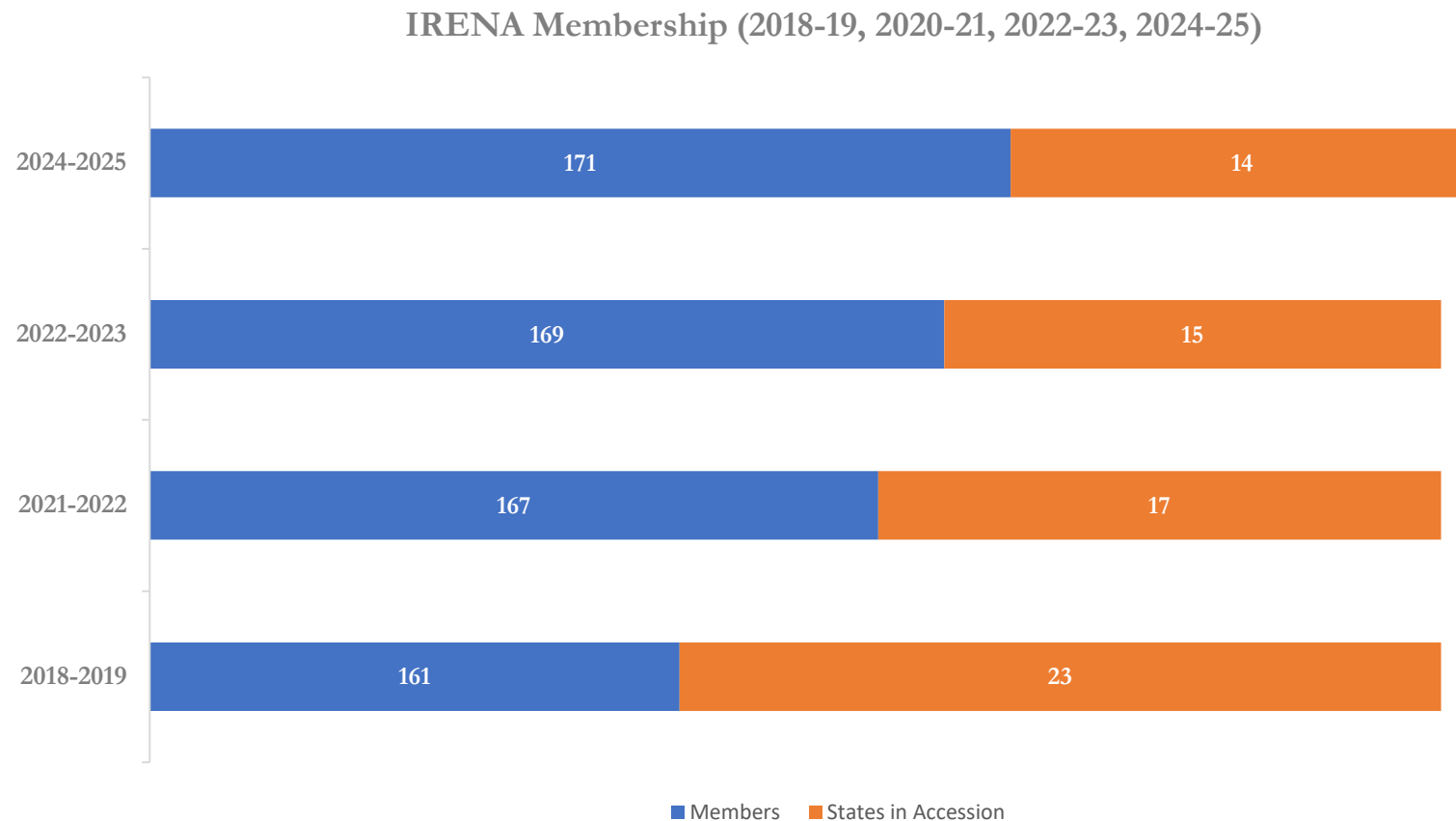
Uzbekistan

Member engagement

IRENA's convening role is central to its mandate, effectively establishing it as the premier global platform for intergovernmental and multi-stakeholder dialogue on renewable energy.

In addition to the Governing Body Meetings, IRENA engages with its Members through various flexible, member-led technical platforms that facilitate peer-to-peer exchange and coordinated action on specific aspects of the energy transition.

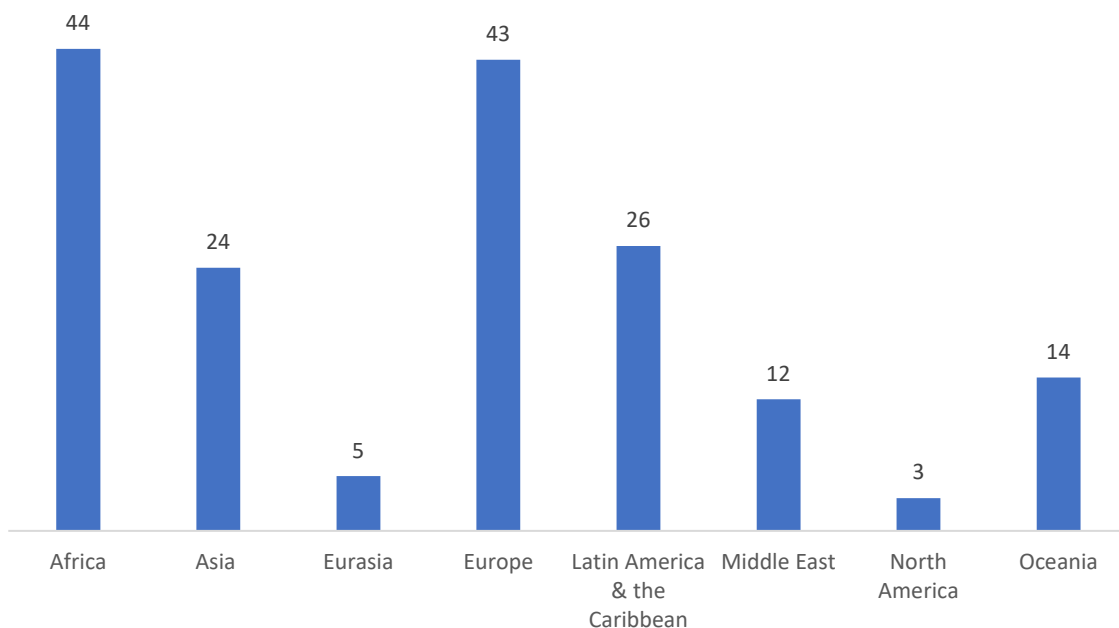
The IRENA Statute stipulates that membership is open to those states that are members of the United Nations, and to regional intergovernmental economic-integration organisations. In the course of the biennium, the Agency reached a total of **171 Members (170 countries and the European Union)***.



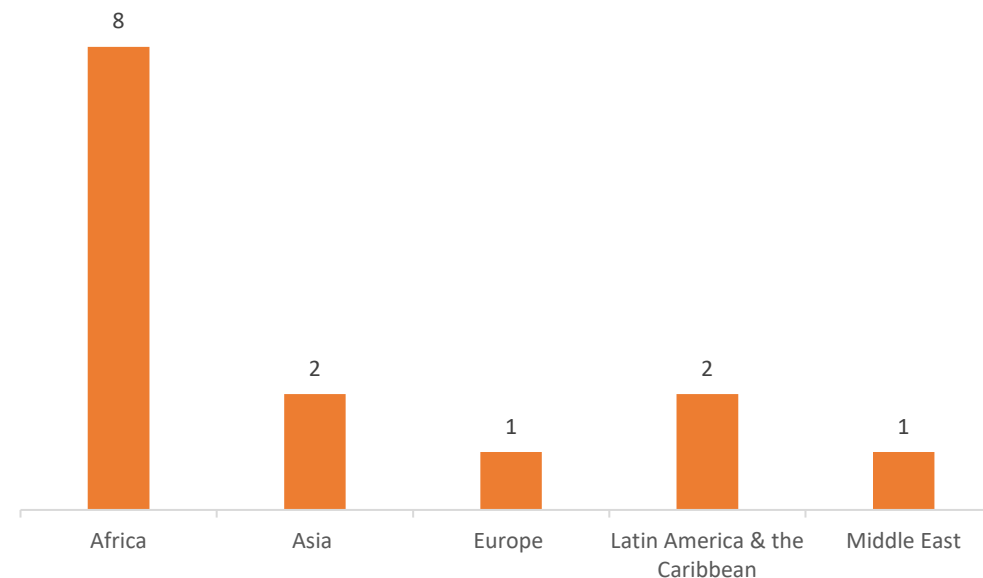
* As of 15 November 2025.

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Geographic distribution of IRENA Members*



Geographic distribution of States in Accession*



* As of 15 November 2025.

Number of members participating in Assembly Meetings (2024-2025)

Baseline biennium	Members	States in Accession	Observer States	Total
2024				
14A (I)	126	3	1	130
14A (II)	131	2	1	134
2025				
15A	134	8	1	143

The **Assembly is IRENA’s ultimate decision-making authority**, made up of one representative from each Member. It convenes annually to discuss and decide upon issues such as the work programme, budget, adoption of reports, applications for membership and potential amendments to agency activities.

Number of Members participating in Council Meetings (2024-2025)

Baseline biennium	Council Members	Council Member Alternate	IRENA Members (for Council mtgs)	States in Accession	Observer States	Total	Alternate Council Members
2024							
27C	20	11	68	3	1	103	
28C	18	12	80	4	1	115	
2025							
29C	20	9	88	3	1	121	
30C	18		85	4	2	119	10

The **IRENA Council**, composed of 21 Member States, is accountable to the Assembly. The Council’s responsibilities include facilitating consultation and cooperation among IRENA Members and reviewing the draft work programme, draft budget and annual report.

Number of FDCR sponsored members participating in Assembly Meetings (2024-2025)

Baseline biennium	Members
2024	
14A	38
2025	
15A	37

Number of FDCR sponsored Members participating in Council Meetings (2024-2025)

Baseline biennium	Council Members	Council Member Alternate	Total
2024			
27C	2	1	3
28C	4	2	6
2025			
29C	7		7
30C	6		6

The Fund for Developing Country Representatives (FDCR) was established at the 2nd session of the IRENA Assembly.

The Fund **supports the participation of representatives** of Least Developed Countries (LDCs) and Small Island Developing States (SIDS) in all IRENA’s governing body meetings, including Assembly, Council and Committees.

A total of **234 delegates** participated in the Governing Body Meetings in 2024-25 with the support of FDCR.

Collaborative Framework
on Critical Materials for the Energy Transition



Collaborative Framework
on Enhancing Dialogue on High Shares
of Renewables in Energy Systems



Collaborative Framework
on the Geopolitics of Energy Transformation



Collaborative Framework
on Green Hydrogen



Collaborative Framework
on Hydropower



Collaborative Framework
on Just and Inclusive Energy Transition



Collaborative Framework
on Ocean Energy/Offshore Renewables



Collaborative Framework
on Project Facilitation to Support on-the-
ground Energy Transition



Collaborative Frameworks seek to facilitate peer-to-peer collaboration and knowledge exchange on key aspects of the energy transition.

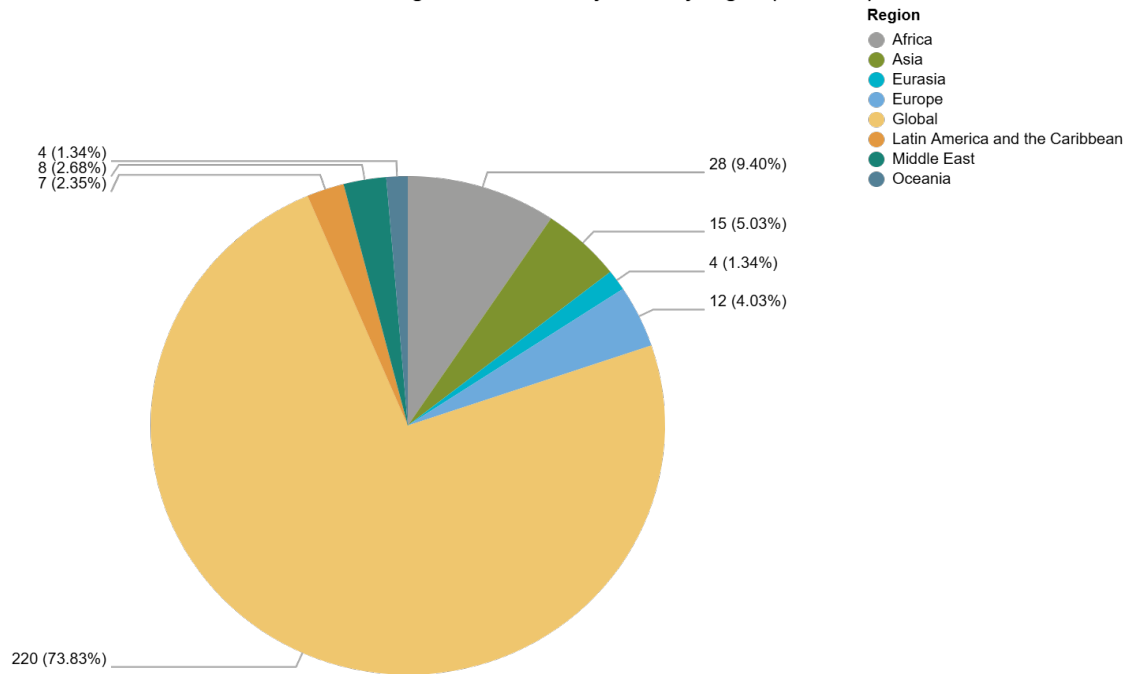
They also serve as multi-stakeholder platforms for co-operation and coordinated action, bringing public, private, intergovernmental and non-governmental actors together to support and accelerate the global energy transformation

Communications and Outreach

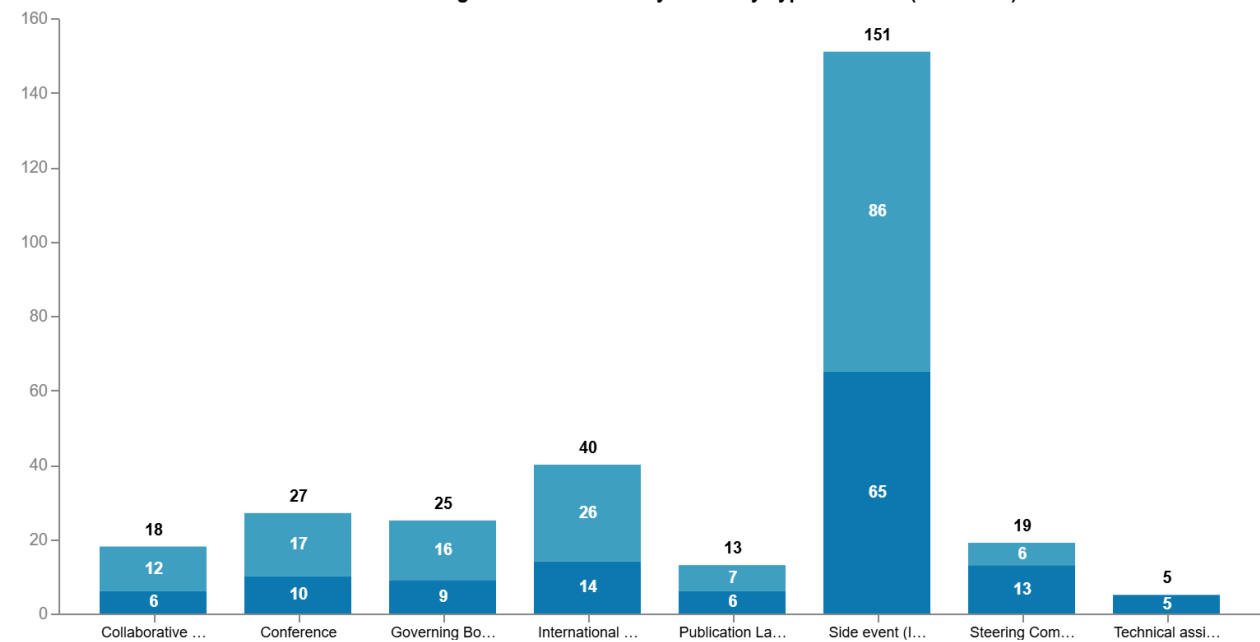
IRENA organised events 2024-2025

IRENA convenes events with a **country, regional** as well as **global focus**, to ensure perspectives from all levels are given a platform, contribute to the discourse on the energy transition and are taken into account in IRENA's work.

Number of events organised/convened by IRENA by Region (2024-2025)

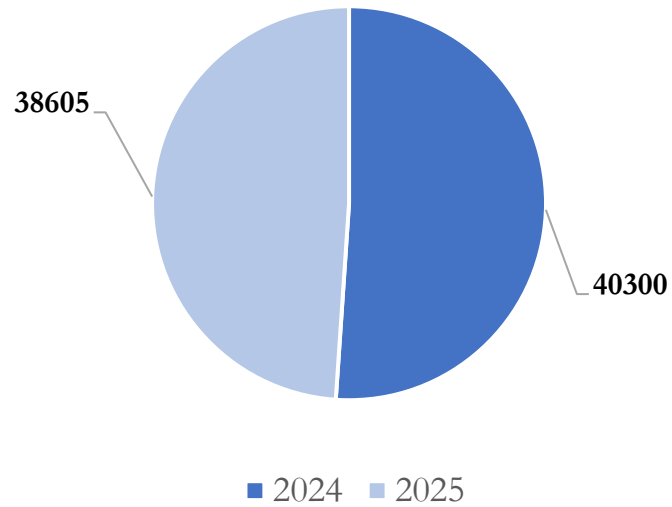


Number of events organized / convened by IRENA by Type of events (2024-2025)

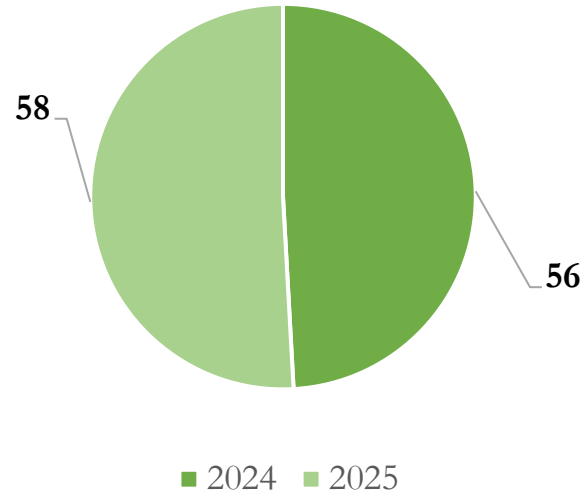


1. Collaborative Framework meetings
2. Conference
3. Governing Body Meetings
4. International and Regional Fora
5. Publication Launch
6. Side event (IRENA as main lead or co-lead)
7. Steering Committee, Advisory Group or Board Meetings
8. Technical assistance

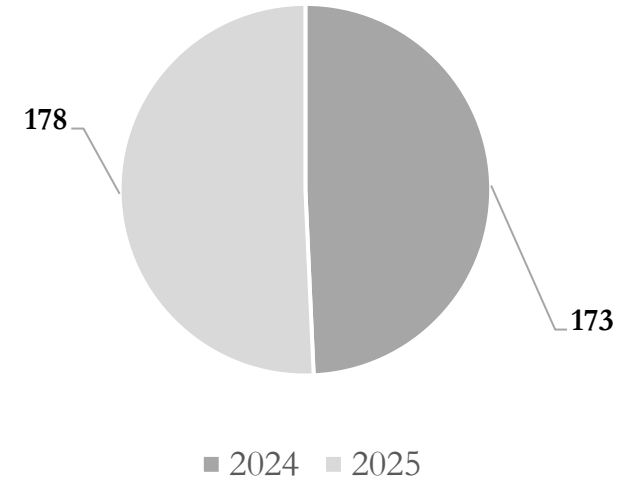
Number of media mentions (articles)



Languages



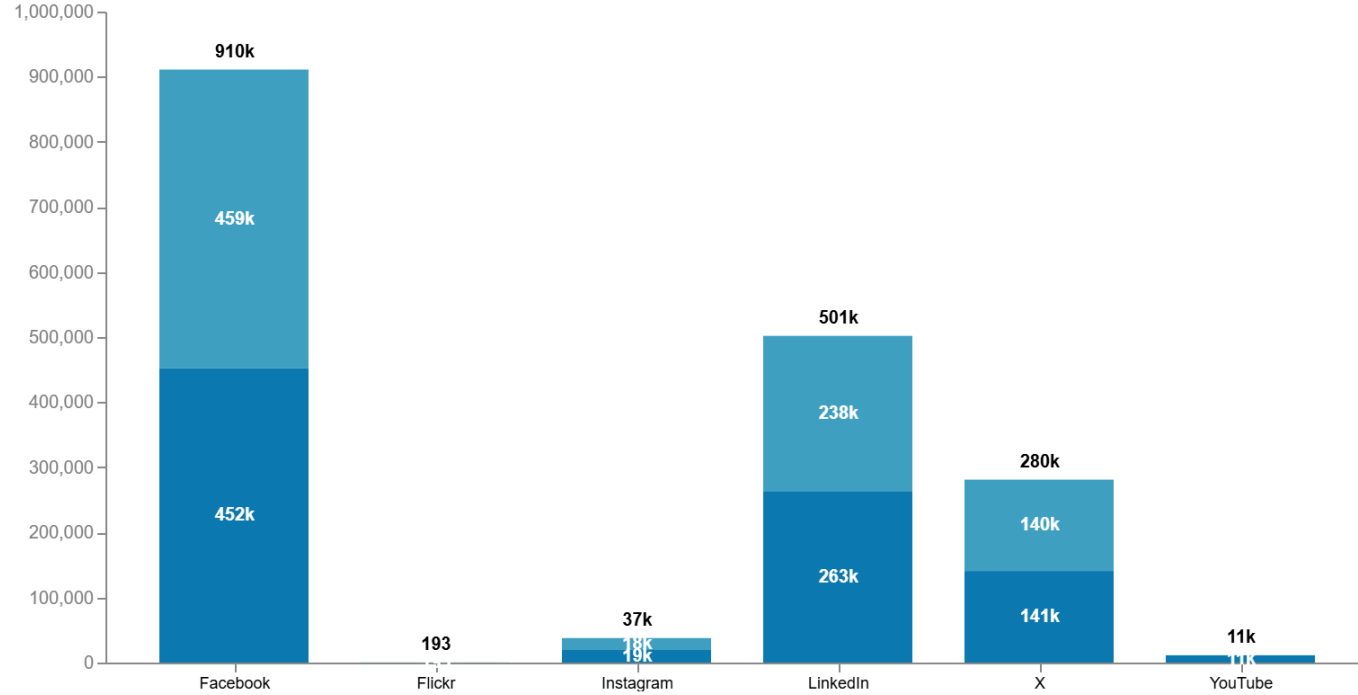
Countries



Media outlets



Number of Social media followers by platform (2024-2025)



1. Facebook
2. Flickr
3. Instagram
4. LinkedIn
5. X
6. YouTube

Top 10 countries of social media followers

