

Introduction to workshop

IRENA UNIDO ICTSD

Needs and Gaps on Standardisation for Renewable Energy
24 October 2012

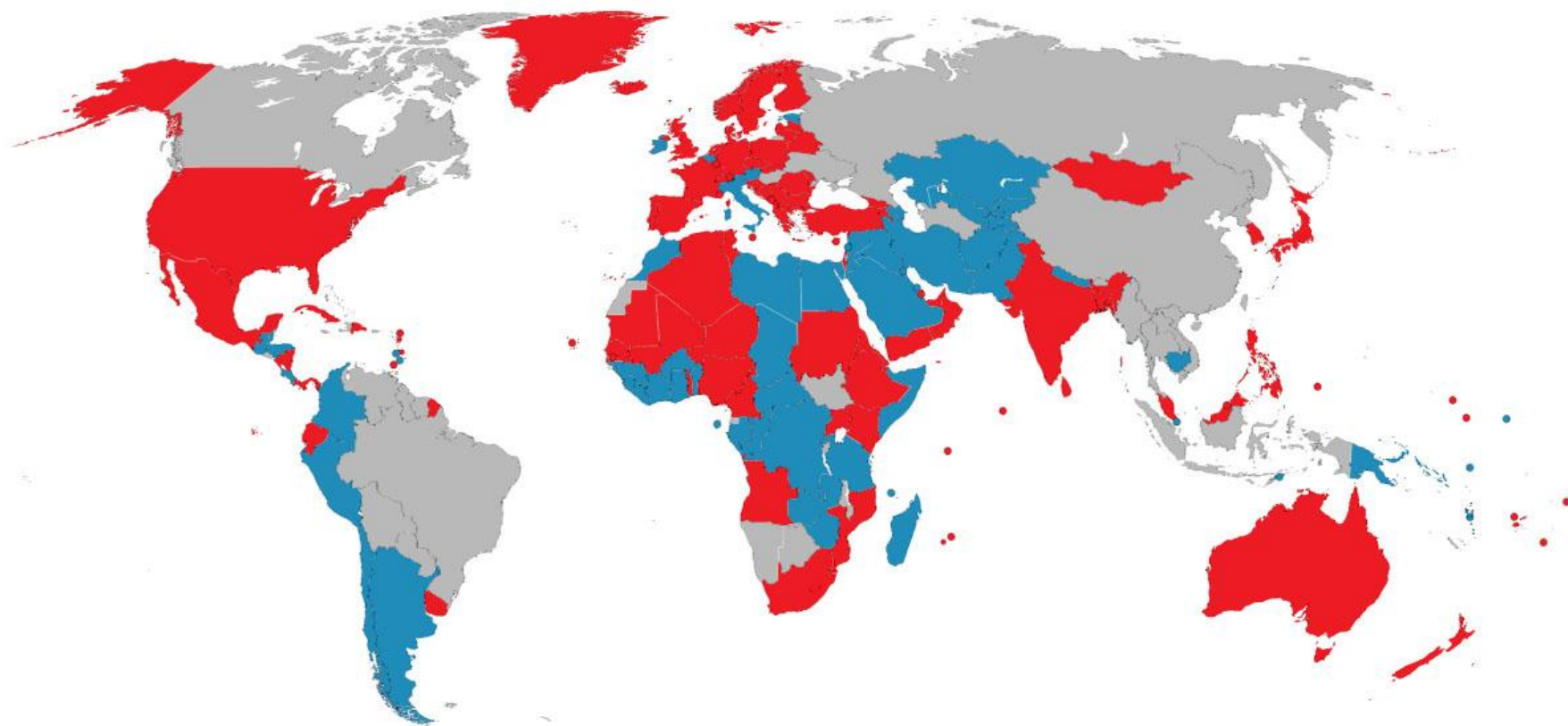


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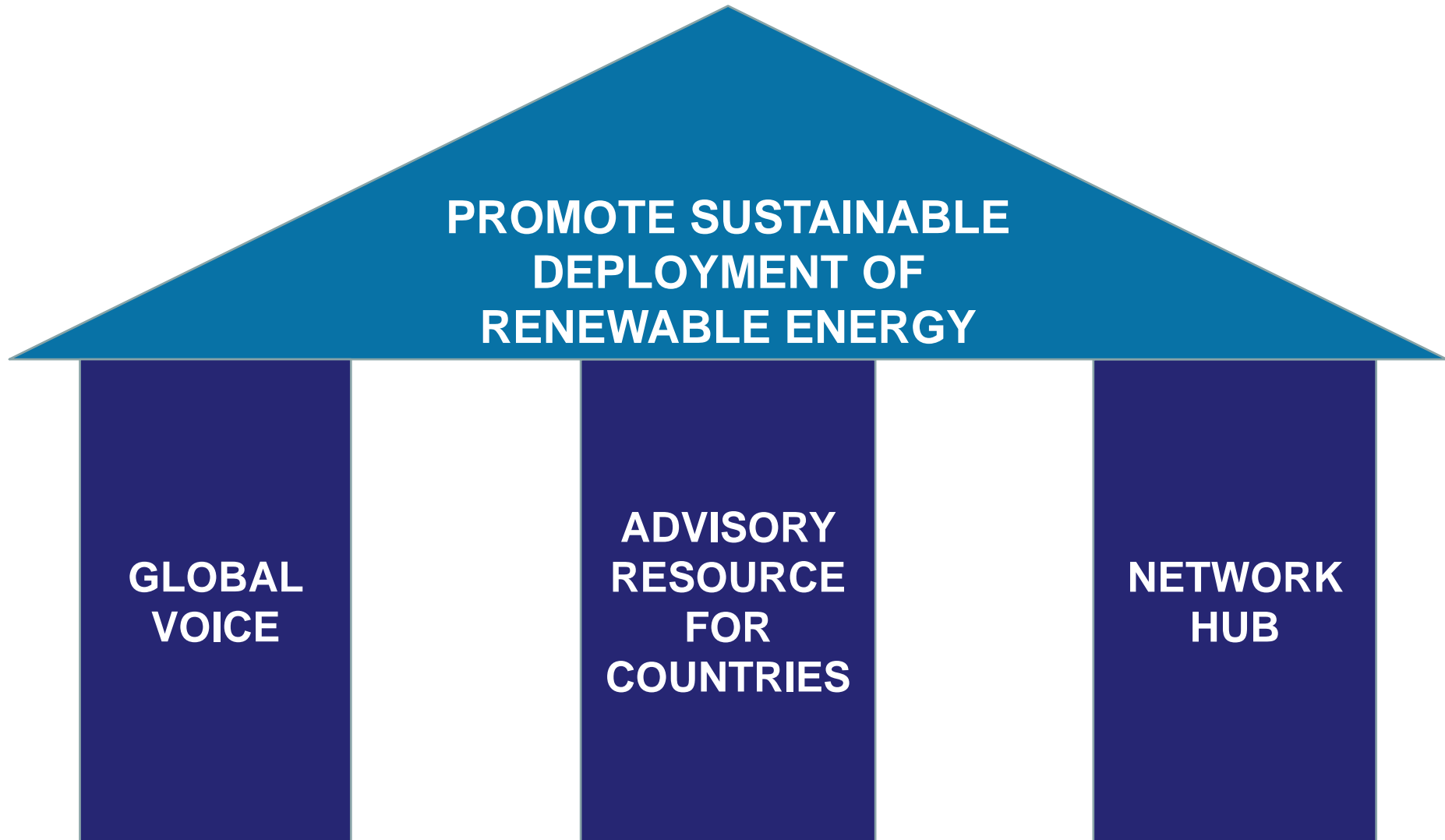
THE AGENCY

Members: 159 affiliates - 101 ratified



- Members of the Agency
- Signatories to the treaty
- Non Signatory

Three pillars supporting IRENA's mandate



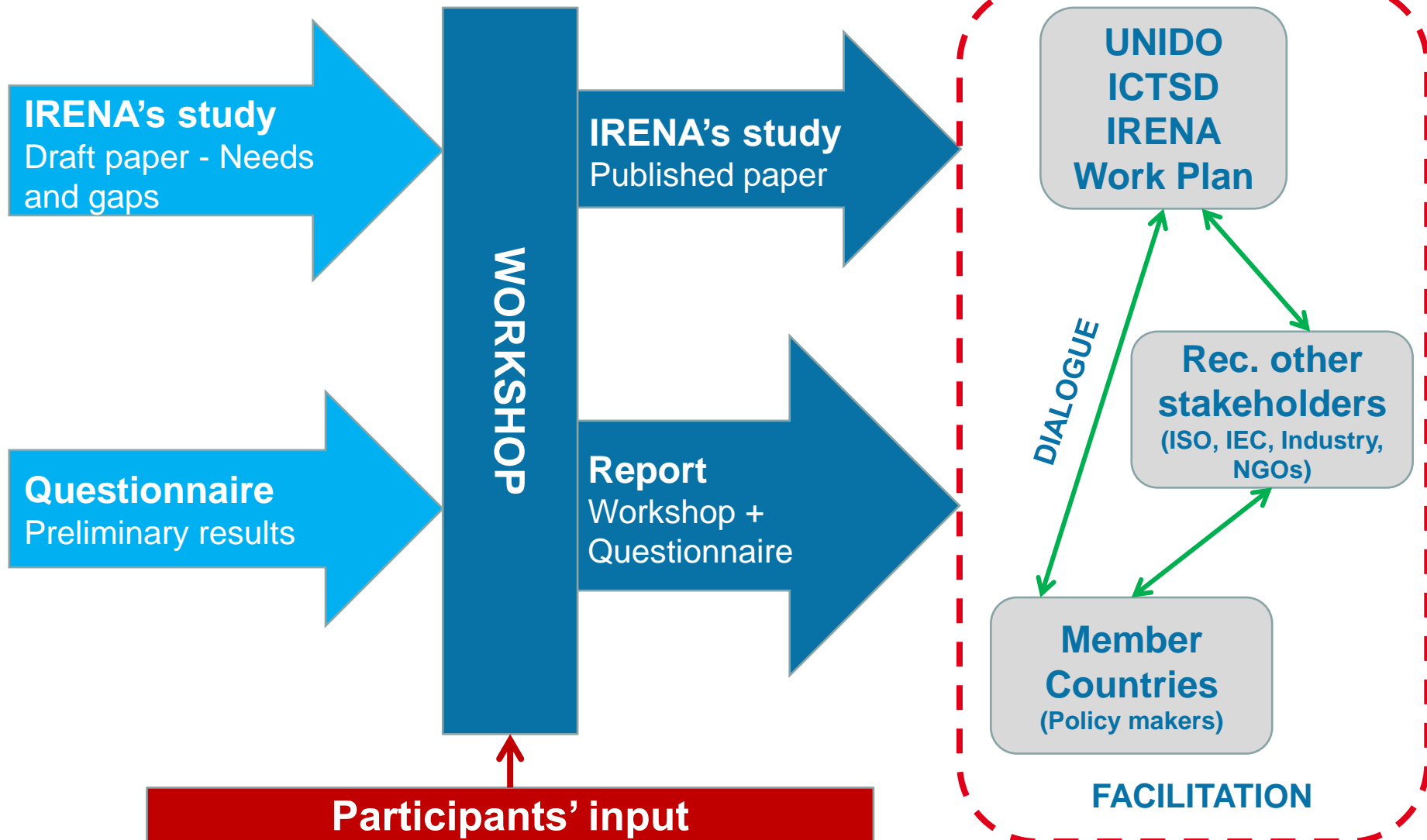
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WORKSHOP

Workshop objectives

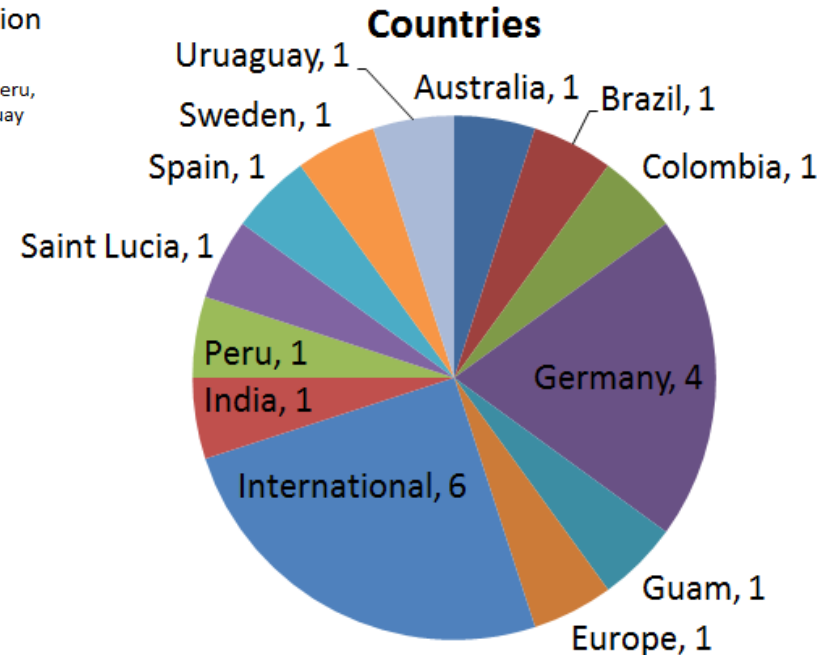
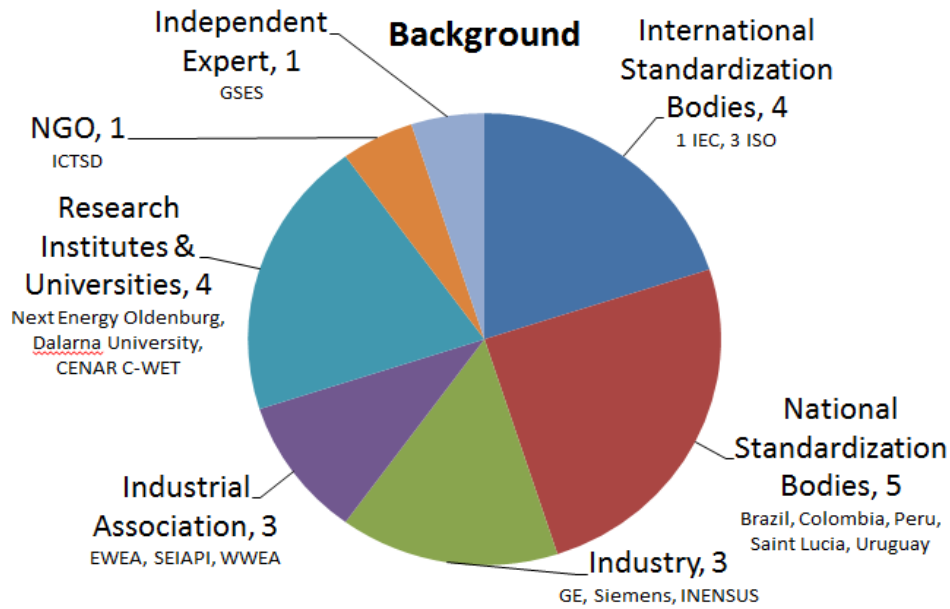
- To establish a stakeholders' network to discuss the priority needs and gaps related to standardisation focused on renewable energy technologies
- To translate these needs and gaps into concrete action items relevant to different stakeholders

Inputs and outputs



Questionnaire respondents

21 responses



Questionnaire preliminary results

Needs and Gaps

Trading and Harmonization	Testing & Certification	Policy Framework & Capacity Building	Developing Countries Engagement	Access to Information
Possible market domination of a few players	Some stake holders are unaware of how to certify or test equipment	Regulation often does not specify standards	Participation in standard development is expensive	It is difficult to find relevant standards
There exist many national standards that impede trade	Some laboratories lack infrastructure to certify	Often national standards are developed, in place of accepting international standards	There is a lack of awareness in how to participate	Purchasing standards can be expensive
Many grid codes for small markets	Lack of trust on labelling and certification schemes	There are many government entities working with the RE industry without coordination	Motivation is lacking to participate	Consumers do not understand benefits of purchasing equipment certified against standards
Higher penetration of renewables without considering demand/supply match	Some laboratories lack trained staff to certify	Some stakeholders do not understand the process of standards development	Standards may not take into account specific needs and realities of developing countries	Lack of information - no database that collects all relevant standards for an application
Difficulty of power trading with RE due to its variability and unpredictability	Certifying can be a nuisance to some technology providers	Some stakeholders do not understand how to apply standards and their purpose/benefit	It is not clear who should participate	Standards language is difficult to understand

- Introduction
- Plenary I – Keynote Speakers
- Breakout groups – Defining actions to address identified needs
- Plenary II – Discussion on outcome from breakout groups
- Next steps
- Closing

Breakout groups session

~2hrs



The diagram illustrates five breakout groups arranged in a circular pattern. Each group is represented by a red rounded rectangle with white text, surrounded by red circles representing participants. The groups are: Trading & Harmonisation (top), Developing countries engagement (left), Information Access & Dissemination (right), Testing & Certification (bottom-left), and Standards in policy framework & capacity building (bottom-right).

Trading & Harmonisation

Developing countries engagement

Information Access & Dissemination

Testing & Certification

Standards in policy framework & capacity building

Template

Sample Topic A

NEEDS	ACTIONS	WHY (rationale)	WHO (actors)	WHAT (sub-tasks)	WHEN (time frame)
N1	A1.1	...	X, Y, Z	1.1.1	Short-term
				1.1.2	Long-term
	A1.2	...	...	1.2.1	On-going
			
N2	A2.1	...	...	...	...
N3	A3.1	...	...	...	...
....

**Suggested from study
and questionnaire**

Presentation to plenary

~5mins
each

**Trading &
Harmonisation**

**Developing
countries
engagement**

**Information Access &
Dissemination**

**Standards in policy
framework & capacity
building**

**Testing &
Certification**



**LOOKING FORWARD TO A
LIVELY AND PRODUCTIVE
WORKSHOP!**