BRICS ERCP Just Energy Transition Report 2024

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Structure

Structure of the BRICS Energy Dialogue

BRICS Energy Research Platform

BRICS Just Energy Transition Report 2024

BRICS ENERGY RESEARCH COOPERATION PLATFORM

BRICS Energy Dialogue: Structure and Roadmap up to 2025

BRICS Energy Dialogue: Structure

BRICS Energy Ministers Meeting (once a year)

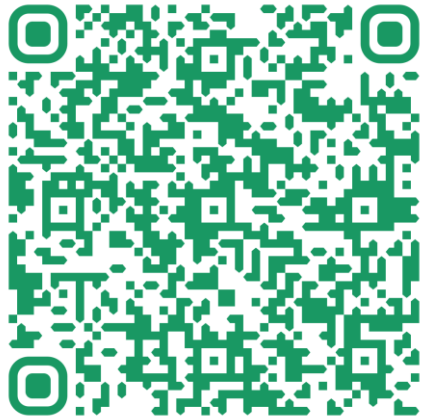
Committee of Senior Energy Officials (2-4 times a year)

Working Group on Energy Efficiency (once a year)

BRICS Energy Research Cooperation Platform (regular activities)

BRICS ERCP National Secretariats (regular activities)

BRICS Youth Energy Agency



Roadmap for BRICS Energy Cooperation 2025 - 2030

The updated Roadmap for BRICS Energy Cooperation 2025 – 2030 defines BRICS ERCP as a *main mechanism* of the energy dialogue within the group

BRICS ENERGY RESEARCH COOPERATION PLATFORM

BRICS Energy Research Cooperation Platform

BRICS Energy Research Cooperation Platform (BRICS ERCP)

Objectives

1. Achieve sustainable energy development through cooperation in energy research, technology, policy and innovation
2. Ensure universal access to affordable, reliable, sustainable and modern energy for all
3. Strengthen energy security of BRICS countries
4. Ensure a greater role for BRICS in the global energy agenda

BRICS ERCP National Secretariat in **each** BRICS country

100 organizations participating in BRICS ERCP

15 work-streams:
Working plans and Plans of Action approved by BRICS Energy Ministers for:
- Skills for Energy Transition
- Technological Cooperation

10 reports published

(+2 to be published)

BRICS Energy Research Cooperation Platform: Mechanisms

Research Activities

BRICS Presidency:

- Proposes topics for a report
- Coordinates the work on a report

Topics covered:

BRICS energy overview, technologies, renewables, skills, energy security, just energy transition, etc.

BRICS ERCP Reports

Practical Activities: BRICS ERCP Work-streams

Sectoral cooperation

- Hydrogen
- Renewables
- Coal
- Bioenergy
- Natural gas, including LNG
- Transport
- Smart grids

Cross-cutting issues

- Digitalization
- Capacity building
- Finance
- Standards and regulations
- Skills for energy transition*
- Energy research
- Energy Efficiency
- Technological cooperation*

Roadmap for BRICS Energy Cooperation 2025-2030:

Option to establish a new work-stream based on the Areas of cooperation

* Work-streams with Working plans and Plans of Action to have been approved by BRICS Energy Ministers

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BRICS Just Energy Transition Report 2024

Key Findings

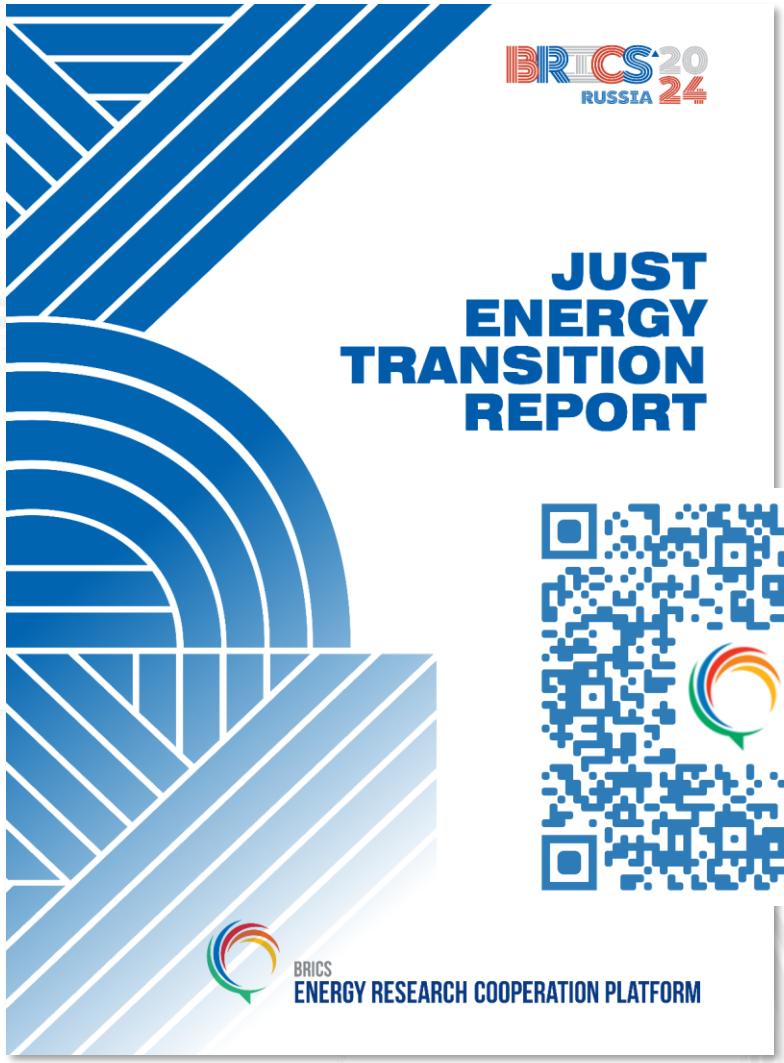
BRICS ERCP Just Energy Transition Report 2024: Background

- **BRICS Expansion in 2024**:
  + 5 new members (Egypt, Ethiopia, Iran, UAE, Saudi Arabia)
- 2023 – **BRICS Energy Transition Skills Report**
- No **common approach** to just energy transition among BRICS countries

	BRICS Energy Consumption Outlook			BRICS Energy Production Outlook		
	2021	→	2050	2021	→	2050
Oil	37%	→	41%	41%	→	42%
Natural Gas	36%	→	45%	37%	→	43%
Nuclear	27%	→	44%	27%	→	44%
Coal	74%	→	75%	70%	→	74%
Renewables	39%	→	45%	39%	→	45%

Source: *The Energy Research Institute of the Russian Academy of Sciences, Global and Russian Energy Outlook 2024 (figures for 2021 present data for 10 BRICS Countries).*

BRICS ERCP Just Energy Transition Report 2024: Concept



The BRICS partners have an adamant stance that just energy transition should be guided by a right for free and independent choice of energy transition pathway, energy balance formation and energy development priorities based on specific national features and priorities.

Structure:

- **Introduction**
- **National parts**
  - National approach to just energy transition
  - Prepared by BRICS countries
  - National data used
- **Conclusions and Recommendations**
  7 principles of Just energy transition for BRICS countries

BRICS ERCP Just Energy Transition Report 2024: Key Findings

Principles of Just energy transition

1. The transition to low- and zero-carbon energy systems should be gradual and prioritized with the **national circumstances, conditions and objectives**, while contributing to achievement of sustainable development goals
2. The **use of all available fuels and technological solutions** that reduce greenhouse gas emissions is advisable
3. **Transitional fuels**, including but not limited to natural gas, hybrid fuels (including biofuels) and other low-carbon fuels, may be used to ensure the just energy transition without compromising with energy security and access to energy
4. **Equitable and sufficient access to technology and funding** for energy transition should be ensured
5. It is acceptable to use additional instruments (including carbon units, credits and offsets, generation attributes, green certificates, etc.) aimed at reducing or avoiding greenhouse gas emissions, provided that such instruments contribute to achieving SDG 7
6. Implementing the just energy transition should contribute to **stable employment, livelihood and social security for workers**, as well as to reinforce sustainability of national economies
7. International cooperation based on **equity, common benefit, mutual assistance and respect** is paramount on the track towards the just energy transition

BRICS Just Energy Transition Report 2024

Approved by BRICS Energy Ministers *(BRICS Energy Ministers Communiqué 2024)*

BRICS ERCP Just Energy Transition Report 2024: Outcomes and Prospects

Roadmap for BRICS Energy Cooperation 2025-2030

Just energy transition as one of the essential backdrops

Brazilian Presidency in BRICS 2025: Developing the topic of just energy transition

- Technical seminars
- Reports continuing the topic of just energy transition:
  New and Sustainable Fuels
  Access to Energy Services

BRICS Energy Transition Skills Report: Part 2

For member countries joined in 2024-2025

Prospects:

Just energy transition in BRICS and BRICS enlargement
New members and partner countries

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Thank you!

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