
CNI
Brazilian National
Confederation
of Industry

About BRICS Solutions Awards

The BRICS Solutions Awards celebrates and promotes innovative projects that drive climate change mitigation, environmental sustainability, and the efficient use of natural resources. These awards spotlight high-impact initiatives tackling global challenges while fostering sustainable development across BRICS nations. Aligned with the strategic priorities of the BRICS Business Council (BBC), they strengthen BRICS' role as a global leader in advancing environmental and climate technologies.

Target audience: legal entity (for-profit companies, non-profit organizations and associations, public institutions, universities, startups, etc.), an individual, a public authority, a local government body.

Competition Format

1

Regional Phase (March - May 2025)

The regional phase will be led by local experts from BRICS member countries, who will assess projects at the national level. Each country will compile a shortlist of the top-ranked projects, with the best from each nation advancing to the final phase.

2

Final Phase (June 2025)

The projects shortlisted at the regional level will be assessed by a Brazilian panel of experts, who will evaluate all submissions and select the final winners. The BRICS Solution Awards winners will be announced at the BRICS Business Forum.

Award Categories

1	Bioeconomy
2	Energy Transition
3	Digital Transformation for Sustainability
4	Circular Economy
5	Food Security and Sustainable Production
6	Innovative Financing for Sustainability

Bioeconomy

The bioeconomy is a vital pillar for building a sustainable future, promoting the use of renewable biological resources to replace fossil-based materials and reduce environmental impact. This award category recognizes innovative solutions that drive the transition to a circular economy by maximizing resource efficiency and transforming waste into value. Submitted projects must demonstrate a positive impact on BRICS nations, showcasing technological innovation, economic viability, and contributions to climate change mitigation and biodiversity conservation.

Category Priorities

- Biodiversity solutions for technological and social use.
- Biotechnology and bio-input solutions (use of living organisms) to develop technologies.
- Advancement of biodegradable and sustainable materials.

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Energy Transition

The energy transition is a critical global challenge, requiring technological innovations to replace fossil fuels with sustainable alternatives. This award category recognizes projects that drive decarbonization, improve energy efficiency, and accelerate the adoption of renewable energy, strengthening energy security and sustainability across BRICS nations. Submissions must demonstrate a tangible impact on emissions reduction, economic feasibility, and scalability while contributing to the democratization of access to clean, reliable energy.

Category Priorities

- Solutions for the expansion and scalability of renewable energy production. Examples include electrification, biofuels, and synthetic fuels.
- Electrification frameworks, encompassing energy storage and charging infrastructure to guarantee stability during the transition to renewable energy sources.
- Energy efficiency enhancement in the sectors of industry, transportation, and construction.
- Intelligent networks enhancing efficiency in energy consumption and distribution (smart grid solutions).
- Use of agricultural waste as an energy source.

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Digital Transformation for Sustainability

Digital transformation plays a crucial role in building a sustainable future by optimizing resource efficiency, streamlining industrial processes, and reducing carbon emissions. This award category recognizes technological innovations that harness artificial intelligence, advanced data analytics, and automation to drive sustainability. Submissions must demonstrate a measurable impact on reducing environmental footprints, economic viability, and the integration of digital technologies into key sectors across BRICS nations.

Category Priorities

- Cybersecurity for essential environmental infrastructure.
- Use of artificial intelligence and data analysis for the purposes of decarbonization and enhanced productivity.
- Digital surveillance of emissions and the utilization of natural resources.
- Data governance and federation for sharing climate data insights.
- Automation and intelligent management of environmental systems, encompassing energy and water.
- Use of digital technologies for the prevention and mitigation of extreme climate-related events.

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Circular Economy

The circular economy aims to transform production and consumption patterns, emphasizing the reuse, recycling, and regeneration of materials and natural resources. This strategy reduces waste, extends the life cycle of products, and mitigates environmental impacts. This award category aims to recognize technological innovations and business models that facilitate the transition to a circular economy within BRICS nations. Projects submitted in this category must demonstrate a positive effect on waste reduction, resource optimization, and the implementation of sustainable production and consumption models.

Category Priorities

- Technologies for the reuse of waste and biomass in industry.
- Carbon capture, storage, and utilization to reduce emissions.
- Manufacturing procedures - This minimizes waste and promotes the reuse of materials.
- Advanced recycling and resource recovery
- Circular product design.
- Strategies for enhancing the product life cycle advocating for its repurpose and reintegration into the production cycle.

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Food Security and Sustainable Production

Ensuring food security and promoting sustainable production are pivotal challenges in addressing climate change and bolstering the resilience of agri-food systems. This award category is designed to recognize technological innovations that boost agricultural productivity and food chain efficiency, while simultaneously minimizing environmental impacts and optimizing the use of natural resources. Projects submitted in this category must demonstrate a positive impact on sustainable food production, contribute to the mitigation of environmental degradation, and ensure access to nutritious food for the population.

Category Priorities

- Solutions for sustainable agricultural practices minimizing the overuse of chemical inputs and enhancing soil management practices, fertility, and adaptation to climate change.
- Optimal utilization of water resources in irrigation and advanced water management.
- Minimizing food waste by advancing more efficient production networks.
- Solutions for sustainable production efficiency (digital surveillance and agricultural automation; may include utilizing IoT and AI for instantaneous decision-making).
- Genetic development to increase productivity.

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Innovative Financing for Sustainability

The transition towards a sustainable economy requires innovative financial models that bolster investment in environmental technologies, green infrastructure, and circular business models. This award category is designed to recognize solutions that improve access to sustainable finance, promote transparency, and encourage responsible investment within BRICS nations. Projects submitted in this category must demonstrate a positive impact on capital mobilization for environmental initiatives, economic feasibility, and innovation in financial models for sustainable development.

Category Priorities

- Sustainable financing models for projects focused on environmental impact.
- Technologies for monitoring and certifying environmental impact.
- Digital platforms that connects investors to sustainable projects, democratizing access to financing.
- Fintech companies with social and environmental impact that fosters accessible financing for sustainable innovation.
- Use of blockchain and artificial intelligence.

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Assessment Standards Criteria

01

General Concept and Substance of the Practice (15%)

- Clarity of the proposal and anticipated impact
- Alignment with the environmental and climate guidelines of BRICS

02

Novelty and Uniqueness of the Practice (15%)

- Use of new (non-standard) approaches when implementing the Practice

03

Competitive Advantages of the Practice (15%)

- Benefits and advantages compared to current solutions.
- Potential for differentiation within the global marketplace.

04

Results and Effectiveness of the Practice (20%)

- Positive impact achieved and cost-benefit ratio of the solution.
- Tangible evidence of environmental, social, or economic advantages.

05

Expert Validation of the Practice (15%)

- Patents, certifications, and external assessments.
- Tests conducted and scientific evidence of the solution's viability.

06

Potential for Replication of the Practice (20%)

- Potential for adoption across various markets and sectors.
- Lack of regulatory or operational obstacles to worldwide implementation.

Award

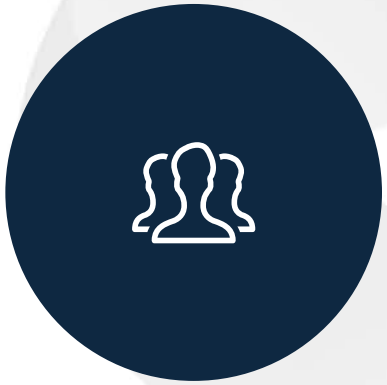
The winners of the BRICS Solutions Awards will be granted with:

Global Acknowledgment

At the BRICS Business Council and international innovation forums.

Access to Sustainable Investors and Financiers

Incorporating international funds dedicated to climate technology.



Mentorship with Specialists

In the realms of climate change, bioeconomy, and circular economy.

Collaborations with Innovation Hubs

And research institutions dedicated to the development and scalability of solutions.

Award Inverted Timeline

APRIL	MAY	JUNE	JULY
7th | Project Registration	**16th | End of Project Registration** **21st | Regional Phases**	**9th | Final Phase**	**Award Ceremony at the BRICS Business Forum in Brazil**

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