

BRICS Industrial Innovation Contest 2024

Concept Note

I. Background

The 3rd BRICS Industry Ministers Meeting (July 2018) established the BRICS Partnership on New Industrial Revolution (PartNIR). The 10th BRICS Summit decided to commence its full operationalization and set up the PartNIR Advisory Group. Upholding the BRICS spirit of openness, inclusiveness, and win-win cooperation and in line with the principle of extensive consultation, joint contribution, and shared benefits, the PartNIR aims to translate the vision of the second Golden Decade of BRICS Cooperation into reality through deepened BRICS cooperation in digitalization, industrialization, innovation, inclusiveness, and investment. The 11th BRICS Summit (Brasilia, November 2019), the 12th BRICS Summit (Moscow, November 2020), the 13th BRICS Summit (New Delhi, September 2021), the 14th BRICS Summit (Beijing, June 2022) and the 15th BRICS Summit (Johannesburg, October 2023) all reaffirmed the commitments to advance the PartNIR. The year of 2024 has witnessed historic BRICS expansion. The growing influence of the BRICS cooperation mechanism provides a broader space for advancing the BRICS PartNIR.

The 1st PartNIR Advisory Group Meeting (Johannesburg,

December 2018) initiated the implementation process of PartNIR, with the participation of members from industry, communications, and other relevant administrations in BRICS countries. The 2nd BRICS PartNIR Advisory Group Meeting (Brasilia, September 2019) agreed on the *Work Plan* of the PartNIR. The Advisory Group Meeting of 2022 amended the *Work Plan* based on the inputs of various stakeholders. The PartNIR members are encouraged to propose initiatives and host events to implement the PartNIR *Work Plan*.

In view of the above, China has actively implemented the *Work Plan*, hosting the Contests for three consecutive years from 2021 to 2023. With a focus on policy coordination and human resources development, the Contest aims to create an effective platform to demonstrate outstanding projects and promote fair competition and mutual learning among BRICS members, building an enabling environment for industrial innovation and talent exchange.

II. Content

To further promote the PartNIR, personnel training and capacity building in the field of new industrial revolution, we will continue to launch the BRICS Industrial Innovation Contest 2024 in May 2024. Themed “Fostering High-quality Partnership and Embarking on a New Journey of New Industrialization”, the Contest will set up five tracks: “Artificial Intelligence—Large Language Models”,

“Intelligent Manufacturing—Intelligent Equipment”, “Green Industries—Low-carbon Technologies and Applications”, “Low-altitude Economy—General Aviation” and “Energy Electronics—Photovoltaics and New Energy Storage”, to collect industrial products , applications, standards, and technologies with outstanding innovation features, excellent application effects, and considerable market prospects from BRICS countries.

III. Organisation

The Center for International Economic and Technological Cooperation of the Ministry of Industry and Information Technology and the BRICS PartNIR Innovation Center will host the Contest. All BRICS members are invited to recommend their domestic agencies to join as BRICS Cooperation Partners, who will be mainly responsible for promoting the Contest, collecting projects, and recommending experts from their domestic enterprises, research institutes, universities and industry associations.

1. Prize : Each of the five tracks will set one First Prize, two Second Prizes and three Third Prizes, awarding certificates and bonuses to the winners. In addition, there will be Outstanding Project and Outstanding Organization Prizes with certificates. The winning projects will be awarded during the BRICS Forum on Partnership on New Industrial Revolution in September 2024.

2. Arrangements: The Contest is open to BRICS and BRICS+

countries. Participants can be enterprises, research institutes, universities, industry associations, industrial parks, as well as technology professionals and outstanding youth. Eligible participants can register for the Contest and submit entries on the official website (www.bricsiic.com).

1. National trials (May-July): BRICS countries can hold their own domestic trials to recommend outstanding projects for the Final, and shall submit their recommended projects to the Secretariat of the Contest before July 31st.

2. Expert review (Mid August): The Secretariat of the Contest organizes the Expert Review Committee to select 200 shortlisted projects (40 for each track) that will advance to the final. Subject to the Organizing Committee's approval, the shortlist of projects qualified for the Final will be published on the website.

3. Final (Early September): The Final selection will be conducted based on the outcomes of national trials. It will be a hybrid event with both virtual and physical participation, including roadshows, defenses and expert scoring. The Secretariat will be responsible for the specific arrangements accordingly. The list of winning projects will be announced on the website after the approval of the Organizing Committee.

4. Award ceremony (Early September): The winning projects will be awarded during the BRICS Forum on Partnership on New

Industrial Revolution.

3. Evaluation Rules: The Secretariat will draft evaluation rules in light of innovation, professionalism, maturity, social effect, implementation outcomes, and submit them to the Expert Review Committee for deliberation. After being approved by the Organizing Committee, the evaluation rules will be published on the website.

IV. Contact Information

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Project Application Form of The BRICS Industrial Innovation Contest

Project Name: _____

Track: _____

Applicant: _____

Date: _____ MM/DD/YY

Instructions

1. Applicants should provide authentic and detailed information in each part of the Application Form as required.
2. Each part of the Application Form must be completed unless otherwise specified.
3. Applicants must own the intellectual property rights of the projects they submit, be responsible for the authenticity of all the documents submitted, and sign a declaration.

Declaration

I, (Applicant's name), declare that the (project name) submitted to the BRICS Industrial Innovation Contest is developed and produced by me, or I own the intellectual property rights to it.

I hereby guarantee that all the documents submitted are authentic and lawful. I will be held legally responsible for any falsehood.

Applicant (seal/signature):

Date:

1. General information of applicant				
Applicant				
Basic profile	(Applicant's basic profile, including main businesses, market sales, commercialization of technological achievements; or personal biography (within 500 words/characters))			
Contact information	Name		Title	
	Phone		WeChat ID	
	E-mail		Fax	
For non-individual applicants only				
Legal representative			Registered capital	
Registered address:				
Principal office address:				
Type of entity	<input type="checkbox"/> State-owned company <input type="checkbox"/> State-owned holding company <input type="checkbox"/> Company with state holding shares <input type="checkbox"/> Private company <input type="checkbox"/> Foreign venture <input type="checkbox"/> Joint venture			

	<input type="checkbox"/> Research institute <input type="checkbox"/> College/university <input type="checkbox"/> Social organization <input type="checkbox"/> Others (please specify):
Public company or not	<input type="checkbox"/> No <input type="checkbox"/> Yes (date of going public: location: stock code:)
2. General information of project	
Project name	
Track	<input type="checkbox"/> Artificial Intelligence—Large Language Models <input type="checkbox"/> Intelligent Manufacturing—Intelligent Equipment <input type="checkbox"/> Green Industries—Low-carbon Technologies and Applications <input type="checkbox"/> Low-altitude Economy—General Aviation <input type="checkbox"/> Energy Electronics—Photovoltaic and New Energy Storage
Type of project	<input type="checkbox"/> innovative product <input type="checkbox"/> innovative application <input type="checkbox"/> innovative standard <input type="checkbox"/> innovative technology

Overview of project	(Brief introduction to the project, including background, R&D, application, core advantages, social benefits, etc. within 1,000 words/characters)
Project innovation	(Highlights of innovation, status of intellectual property rights, within 500 words/characters)
Project implementation	(Advantages, progress and demands of project implementation and commercialization, within 500 words/characters)
BRICS elements	(Collaboration between the project and BRICS/BRICS+ countries, within 500 words/characters)

3. Cover letter of application

(Including but not limited to the following items)

3.1 Overview

(1) Qualifications, financial status, technological and industrialization capabilities of the applicant, among others.

(2) Design and implementation plans, including technological roadmap, project size, implementation path, expected goals, cost-benefit analysis, etc.

(3) Competencies of the project leader and team, including the leader's qualifications and working experience, team members' skill sets, similar project experience, and involvement in research projects at provincial or ministerial level.

(4) Project innovation, including proprietary innovation points and related intellectual property rights.

(5) Project application prospect, such as the value, feasibility and scope of project application.

3.2 Current implementation

(1) Implementation subjects, service objects and applicable scenarios.

(2) The status of the work that has been carried out, including existing problems and difficulties, and possible solutions.

3.3 Next steps

The main content, schedule, risk control, etc. of the next steps.

3.4 Videos, pictures and other presentation materials