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UNIDO Global Call 2023

Clean and Smart Energy for
Inclusive and Sustainable Industrial Development



DG Muller
on Green hydrogen

"Energy is the basis for all development. It is the decisive motor," said Gerd Müller, UNIDO Director General. "Green hydrogen is an immense opportunity, especially for developing countries. With their vast renewable energy potential, many can be green hydrogen producers. This is the chance for low-carbon industrialization, and jobs for millions of people."



UNIDO Global Call 2023
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UNIDO Global Call 2023

The UNIDO Global Call was launched in 2020 for the first time by the UNIDO Investment and Technology Promotion Office (ITPO) in Rome, Italy. Since its inception, the torch has been passed to ITPO Bonn in 2021, and Shanghai in 2022. Over the 3 years, more than 2,000 participants from 108 countries took part in the initiative.

As the winner of the UN Innovation Award, the UNIDO Global Call has emerged as one of the most impactful flagship events in the UN system, effectively fostering technology innovation and application.

The Global Call 2023, initiated by UNIDO ITPO Beijing, together with the Division of ITPOs and Institutional Partnerships and other related divisions in UNIDO, is set to gather innovative solutions in clean and smart energy that contribute to Inclusive and Sustainable Industrial Development.

Strategic Categories

In the context of the post-COVID green recovery and global challenges, the Global Call 2023 is looking for clean technologies and solutions in the following strategic categories:

Green Hydrogen



- Green hydrogen production (including "super green" hydrogen production)
- Green hydrogen in manufacturing
- Green hydrogen in transportation
- Green hydrogen storage and integration into energy networks

Energy Efficiency



- Digital solutions for energy efficiency
- Secure and efficient energy network (including decentralized energy systems)
- Energy efficiency improvement in industry, construction, and homes
- Industrial design and commercialization of energy efficient products

Clean Energy Innovation



- Renewable energy development and application
- Fuel cell innovation
- Clean energy storage, transportation, and load shifting
- Climate resilience of energy systems

Key milestones



Why apply

- Join roadshows and present in front of leading industry experts
- Matchmaking with investment institutions, industrial parks and local governments
- Get targeted coaching, global matchmaking and networking support
- Access to UNIDO and UN technology platforms and networks
- Showcase at global high-level events including the China International Import Expo in November in Shanghai and other exhibitions highlighting green hydrogen and sustainable energy solutions

Who can apply

- Multinational corporations
- Small and medium-sized enterprises
- Start-ups
- Technology innovation labs



Target Groups

The call for proposals targets private sector entities to submit proposals for each category according to the following sub-categories:

- Technological solutions in the early stage: These are technologies that are at an advanced stage of research and development and ready for implementation, with verified data from testing.
- Technological solutions in the growth stage: These solutions have already been piloted with verified data at a replicable scale and have demonstrated proof of concept (POC).
- Mature technological solutions: These are established technologies on the market that are aiming to expand to new markets.

Candidates may submit up to two applications, and any extra proposals will be excluded based on the order in which they are received.



Criteria

