Technology Marketplace and Matchmaking Platform: WIPO GREEN

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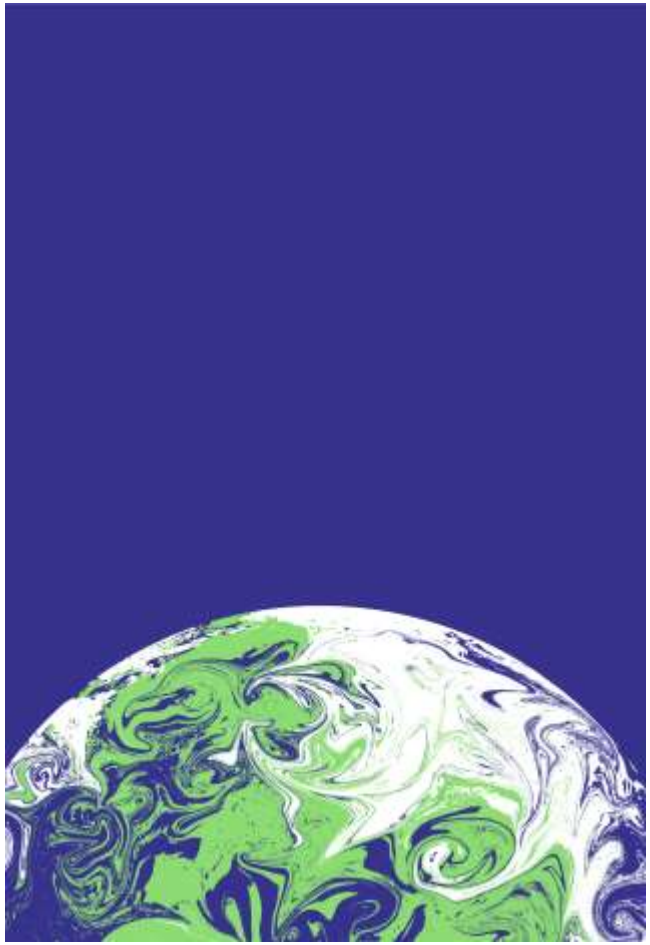
www.wipo.int/green

Overview

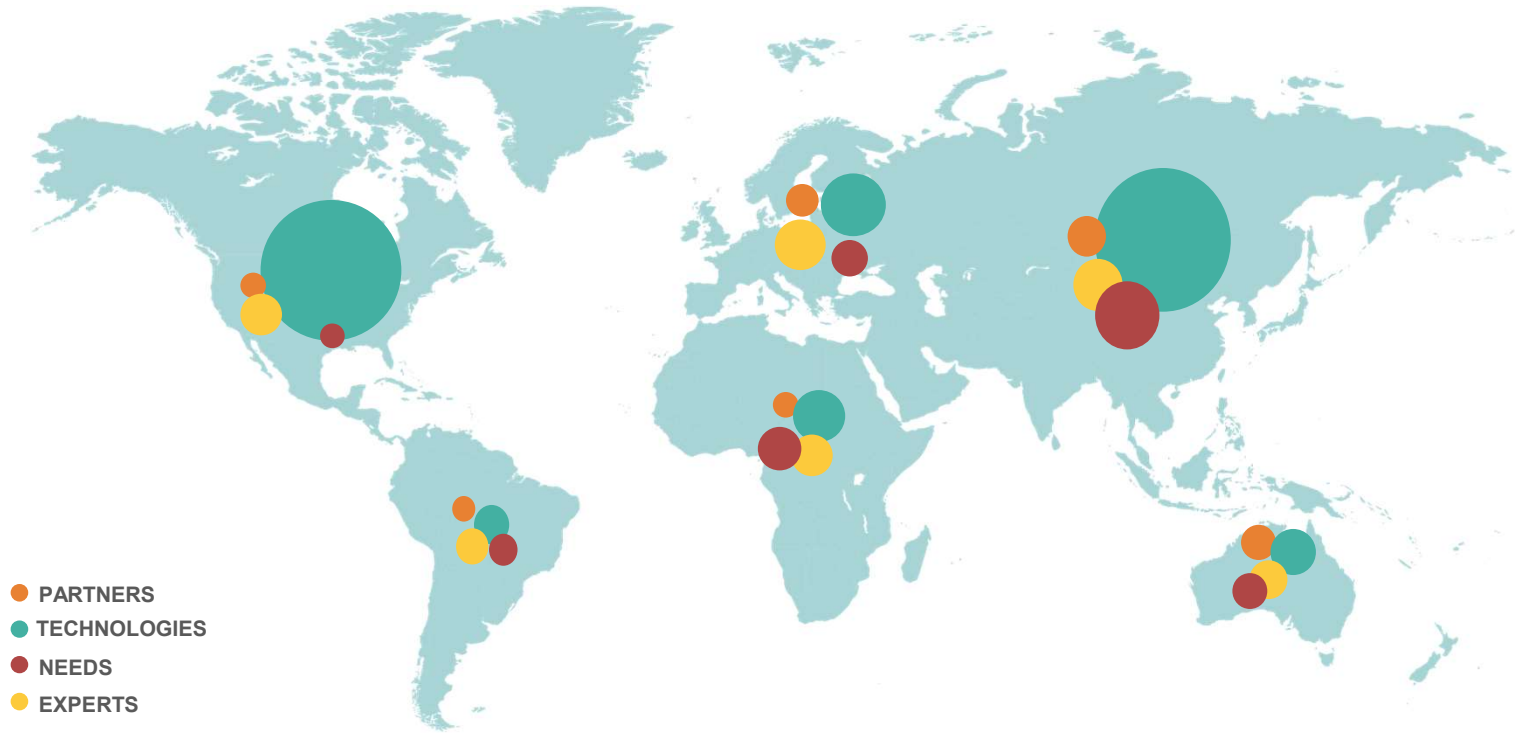
- Turning ambition into action
- Innovation and technology can help meet the challenges
- Contribute to SDGs
- Uptake too slow
- Information about available solutions



WIPO GREEN

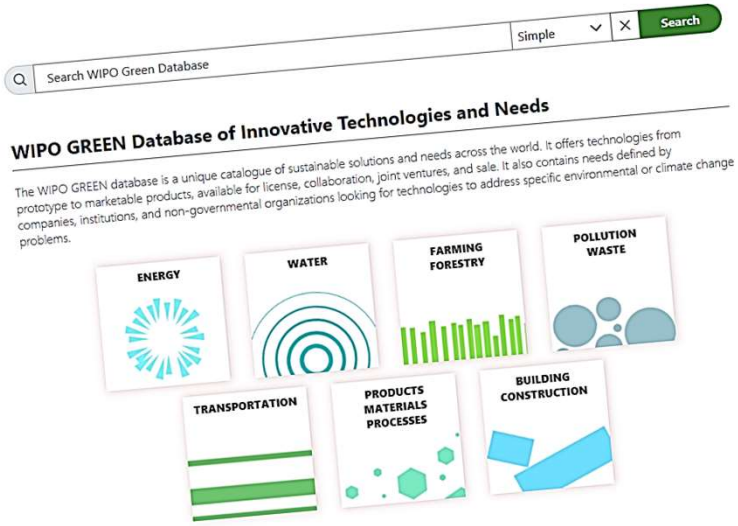
Online platform for accelerated adaptation, adoption, and deployment of green technology solutions

Connects seekers of environmentally sustainable solutions with technology and service providers



WIPO GREEN Database

- needs and solutions uploaded by different users
- green technology patent applications from the WIPO Patentscope
- imports from select partner organizations
- relevant knowledge material



WIPO GREEN STATS

120,000+ Technologies, needs and experts *(3,750+ in 2020)*

2,065 Registered users *(1,717 in 2020)*

800+ Connections *(770+ in 2020)*

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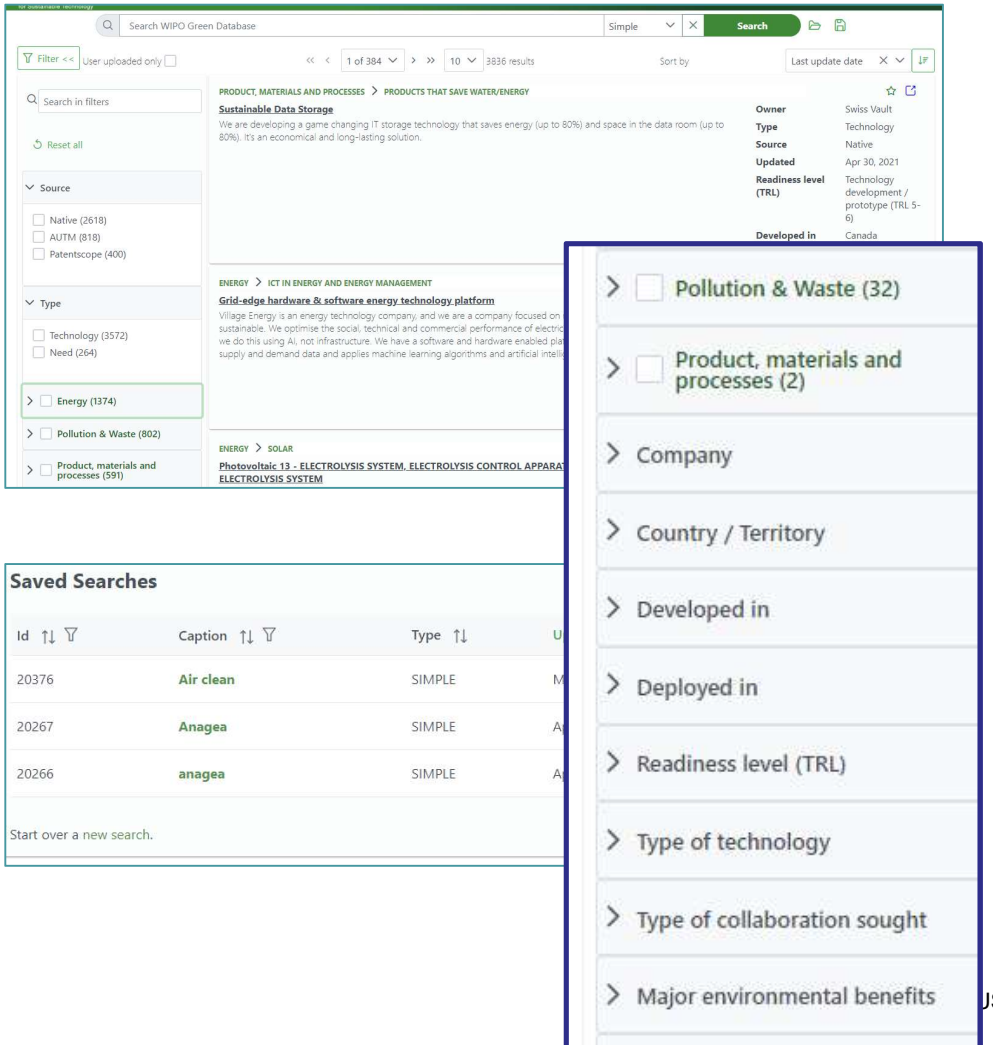
Browse, search & filter



- Category pages
- Searches
  - Simple and advanced
  - Full text search (AI-assisted search)
  - Saved searched + alerts
- Patent2solution (AI assisted search)
- Filter options

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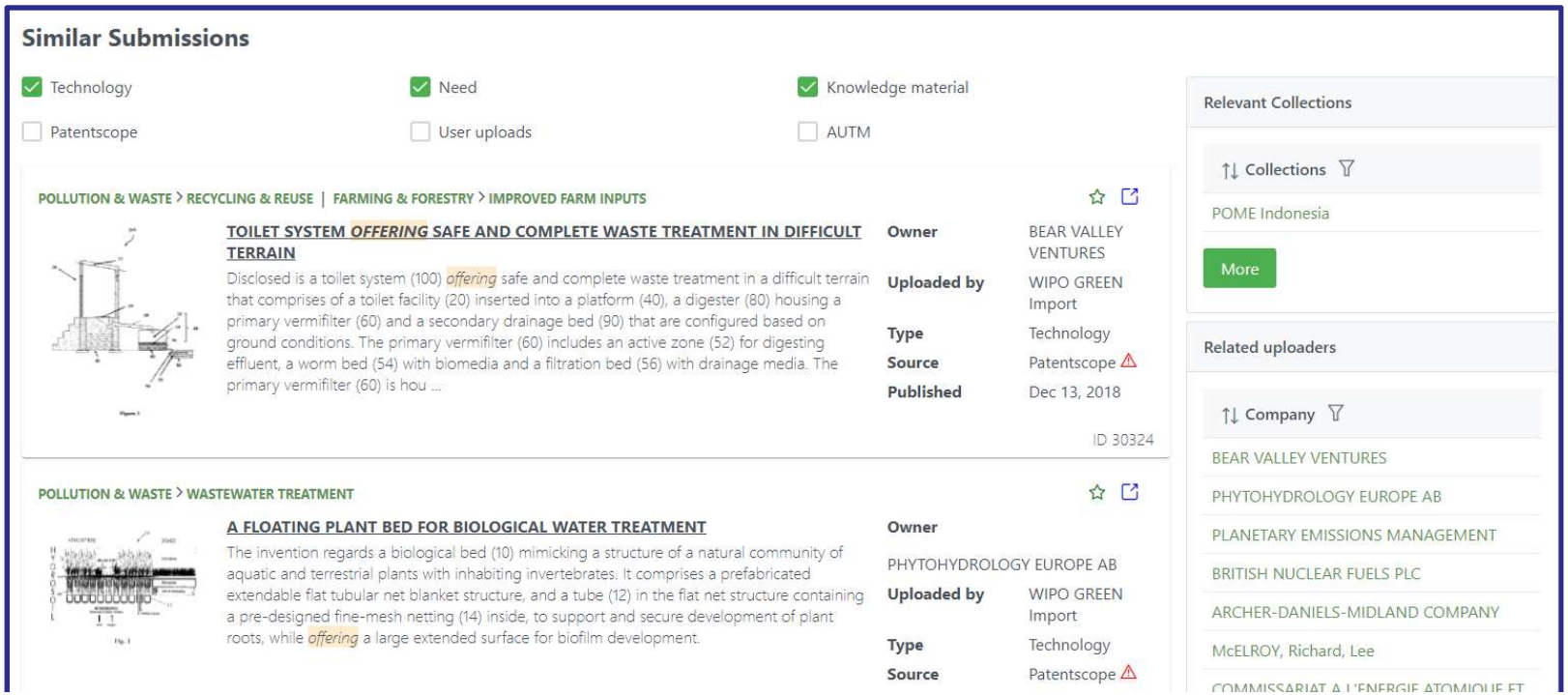
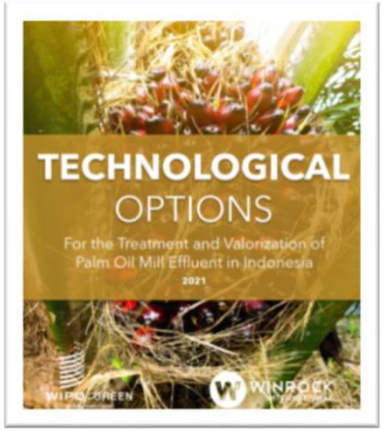
Connect

- Contact owner for user uploads
- User dashboard with your uploads, business intelligence analytics, connection requests
- Automatic matches with relevant needs and technologies
- Bookmarks



Acceleration projects



Indonesia

- Palm oil mill effluent (POME) in Indonesia identified 19 needs and 24 potential solutions.
- Catalogue on technological options for the treatment and valorization of POME, including biogas utilization, scum and sludge treatment, compost, biochar production, green hydrogen

Latin America

- Climate smart agriculture exploring local challenges and potential green solutions.
- Sustainable agriculture, forestry, soil-recarbonization, zero-till, wine sector.
- Around 200 stakeholders contacted, 10 needs, 81 technologies.

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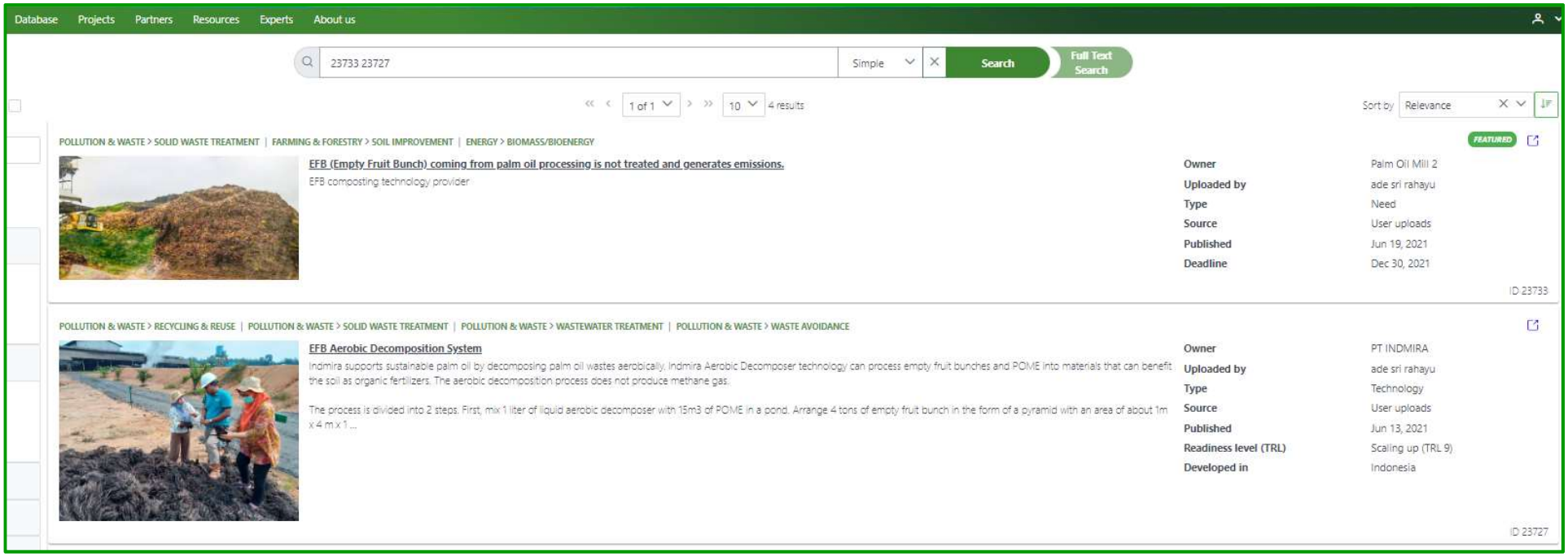
Need & technology matched



Trying to solve an environmental or climate change problem?

Your options on WIPO GREEN:

- Browse available technologies
- Use free text search and upload project document, save search/set email alert
- Register and contact providers
- Share your needs on database - Invitation to solution providers to respond to your needs
- Find corresponding technologies in your dashboard, contact providers

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Sample need

Anaerobic digester effluent separation technology

POLLUTION & WASTE > WASTEWATER TREATMENT | POLLUTION & WASTE > RECYCLING & REUSE

ID	23663
Owner	PT Bangka Biogas Synergy
Uploaded by	Winrock International
Type	Need

Description | Details | Other Information | Support

This is a biogas power plant with an installed capacity of 2 MW. The POME is supplied from a mill with a capacity of 35 tons per hour. There is an issue with anaerobic digester effluent that flows to the mill's existing wastewater treatment ponds. The sediment accumulation in the ponds was quicker than the of use conventional POME treatment when fresh POME from the mill is flowing directly to the open ponds. Nevertheless, the final effluent quality has no issue with the regulatory discharge limit. The final effluent is used for land application. The mill is interested in separating sludge/cake from effluent water. Digester effluent cake will be used for fertilizer, while the effluent will be used for land application or to be treated further by water purification so that it can be recycled back to the palm oil processing plant, whenever required. The cake quality should be analyzed further whether the mineral contents are equivalent to fertilizer so it can be used on the plantation. In the dry season, the mill is short of water. If the final effluent can be processed and recycled back to the mill then it can support palm oil production during the dry season.

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Need description

- Describe the technical problem. [E.g. arsenic problem in drinking water, plastic clogging up irrigation canals, etc.]
- Where is the technology going to be used?
- What type of technology transfer are you looking for? - Licensing, buying products, technical assistance, trading partner
- Have you gained any experience from attempting to solve the problem?
- Is there any existing support (financial and technical from companies, government, etc.)?
- Existing infrastructure and limitations (electricity, road, rail, etc.)

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Innovators - Services and tools for start-ups and SMEs

- **Pro bono IP and legal advisory service for green technology SMEs in developing countries**
  - With two partners: Sagacious IP and Sidley Austin LLP
  - Application form on www.wipo.int/green

- **Licensing checklist**
  - A walkthrough of issues to consider when planning a technology transfer licensing agreement
  - Free download at www.wipo.int/green

- **IP management checklist**
  (December 2021)

IP management clinic – green products

- Expert advice for selected green tech SMEs
- June 2021 and again in 2022
- Program with colleagues from IP for Business Division

What have we learned?

- Classic challenges, e.g. unclear business models, misalignment between business aspirations and IP strategy, unclear IP ownership
- Green technology often technology-based, IP other than patents often overlooked (trademarks, designs, utility models, trade secrets)
- Branding opportunities – often innovative products that outperform conventional technology
- Sometimes focus on “green” side, neglecting business
- Favorable policy and finance environment for green technology

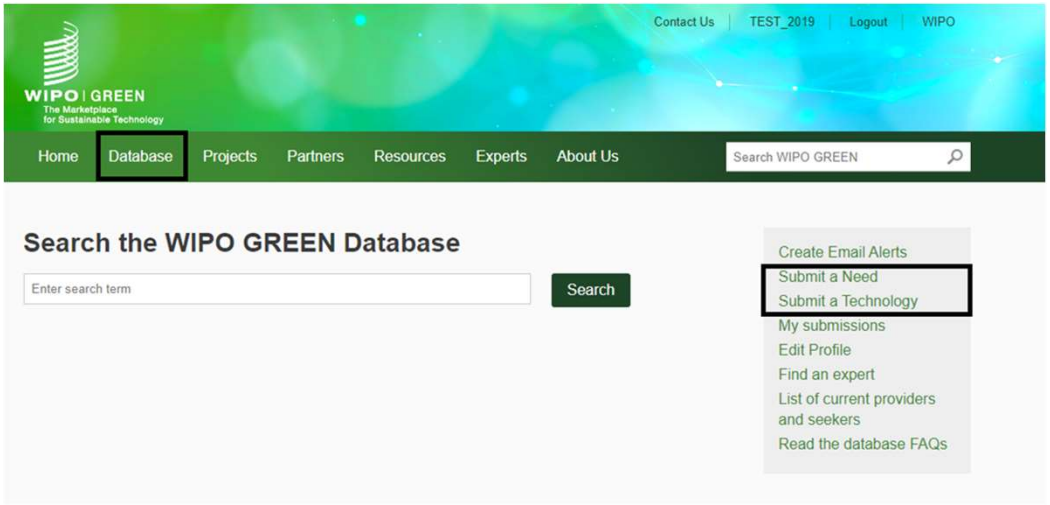
How to join WIPO GREEN

Join as a **user** and add to the global platform of technologies and needs!

- Register through the WIPO GREEN website
- Submit your technology and/or need

Join as a **partner** and engage in acceleration projects, joint publications, and Committees!

- Send us a letter with the proposed contribution and the acceptance of the Charter.
- We regularly share updates on our partners' work with the WIPO GREEN network and through WIPO social media



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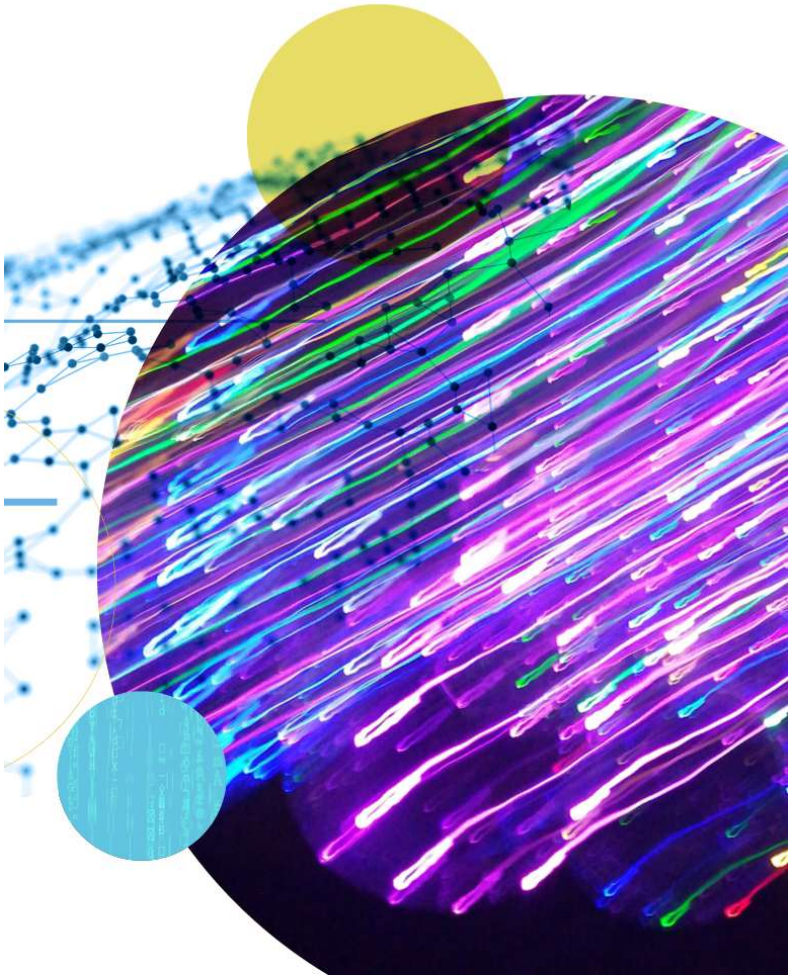
Looking ahead

- Address technology challenges in the transition to a green economy
- Support developing country innovators
- Improve access to funding by connecting entrepreneurs with investors for connections established through WIPO GREEN
- Facilitate new ways of innovating together
- Encourage demand-driven innovation

Role for TISCs

- Leverage local knowledge and local networks to identify environment, climate change and food security needs – WIPO GREEN can help address them
- Connect green innovators with the WIPO GREEN network – visibility, potential partners, customers etc.



Thank you!

WIPO GREEN

Queries:

wipo.green@wipo.int

Further information:

www.wipo.int/green

WIPO GREEN Newsletter

Register as a database user

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