

PANEL 3: Green Innovation in Developing Countries: How to Address the Challenges

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Green technology growth outlook

(in billion euros)



Demand for green technology is expected to grow by **7.3 percent** annually to **9,383 billion euro** in 2030



But...

- Green innovation taking place largely in OECD countries

And...

- Sales do not address poverty alleviation, economic development, education, or innovation

So...

- We need initiatives to strengthen domestic innovation ecosystems in LMICs

And...

- True technology transfer to enable the use and further development of green technology
- Licensing and collaborative development agreements that create opportunities for manufacturing and distribution channels in developing countries

However...

- Consistent investments that foster capacity building in developing countries, including research institutions, innovation infrastructure and manufacturing capacity, is a medium to long-term challenge (sound familiar?).
- So what can the IP system do?

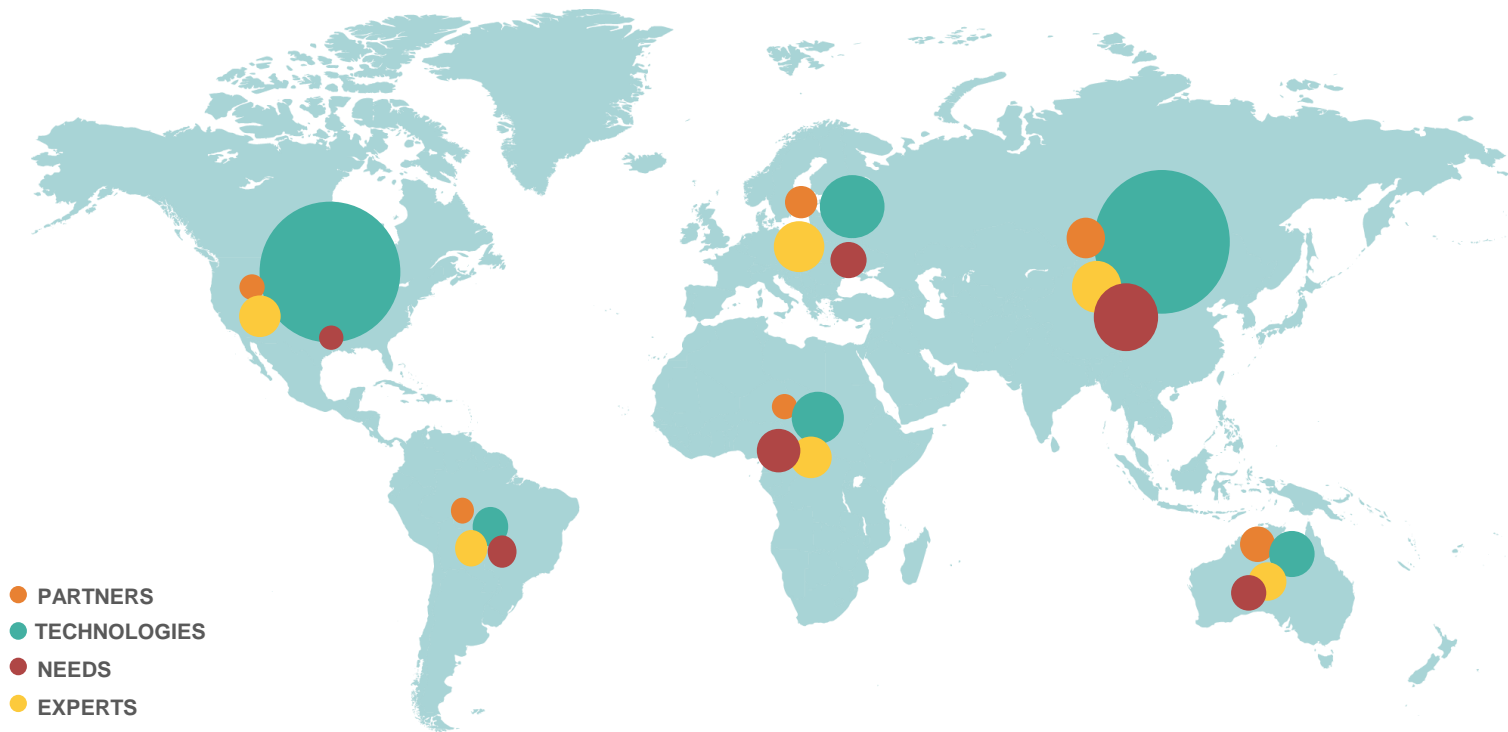
WIPO GREEN



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



Connects seekers of environmentally sustainable solutions with technology and service providers

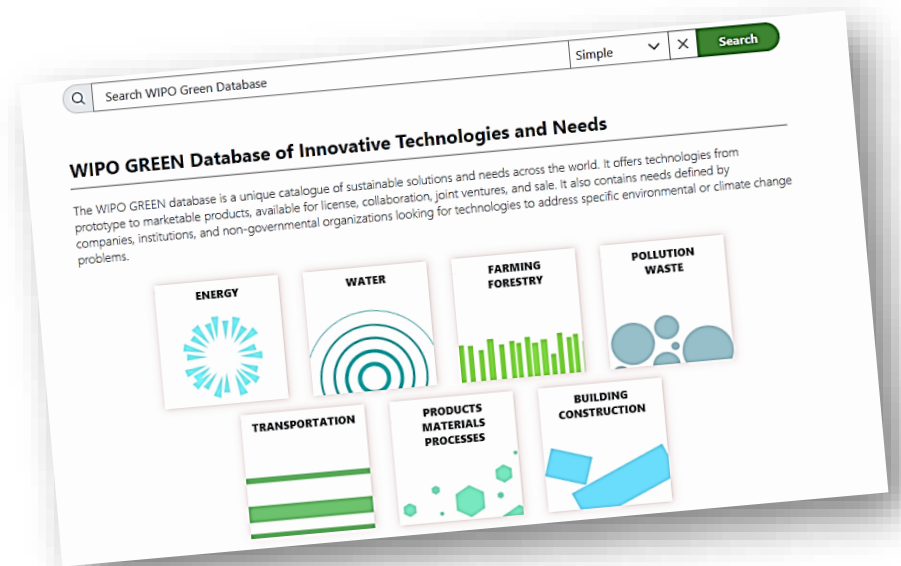


WIPO GREEN Database

- Integrated green technologies from PatentScope
- Organized collections and thematic groupings
- Integrated artificial intelligence-assisted search features;
- Increased connectivity through automated matches of needs and technologies

WIPO GREEN STATS

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



800+ Connections (*770+ in 2020*)

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

Services and tools for SMEs

- **Pro bono IP and legal advisory service for SMEs**
 - With two partners: Sagacious IP and Sidley Austin LLP
- **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)



Some parting thoughts:

- What failure looks like
- «Frugal (low-tech) innovation» isn't as sexy as cutting-edge high-tech, but its equally important.
- Technology and innovation matter and the IP system can act as a green technology accelerator, but there must be broader societal demand to «pull through» green innovation.
- We will need tailored strategies to support green innovators and markets in LMICs (development banks!).
- It's all related. Political systems, economic systems, societal norms, institutional capacity, personal choices, the list goes on (and on and on).
- Is COVID-19 giving us a preview of tech transfer discussions and challenges to come in the green innovation space?

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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.

Thank you!

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