

WIPO GREEN Year in Review 2016



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WIPO | GREEN
The Marketplace
for Sustainable Technology

Letter from the Director General

“A Year of Solid Growth”

2016 has been a landmark year for global action on climate change, not least with the ratification and entry into force of the Paris Agreement in November 2016. WIPO GREEN is an important initiative in the context of supporting innovation, technology development and transfer through collaborative approaches, as highlighted by the Paris Agreement. 2016 has also been a year of solid growth for WIPO GREEN as it pushes forward in its quest to become the go-to platform for green technologies.

In 2016, the number of WIPO GREEN users increased by close to 200%, bringing us to more than 5000 Network members (Partners, Users, Experts, and subscribers) in more than 50 countries – making this one of the largest climate change networks currently in existence. The platform has also facilitated more than 120 connections, putting those in need of resources, information, training, expertise, and green tech solutions in touch with those who can provide answers.

Drawing on the lessons learned from organizing matchmaking projects and technology exhibits, administering the database of technologies and needs, and engaging in global policy dialogues, in 2017 WIPO GREEN will focus on making these processes more efficient, maximizing their impact, and increasing our efforts to partner with other organizations in the collaborative fight against climate change.

A warm thank you must go to the many Partners, Network members, and colleagues who have contributed to strengthening WIPO GREEN in the last year.



Francis Gurry
Director General
World Intellectual Property Organization

Overview by Numbers

(as of December 2016)

100000+ 2016 page views

5000+ Network members
and subscribers

2400+ Listed technologies
needs

100+ Connections
facilitated

74 Partners

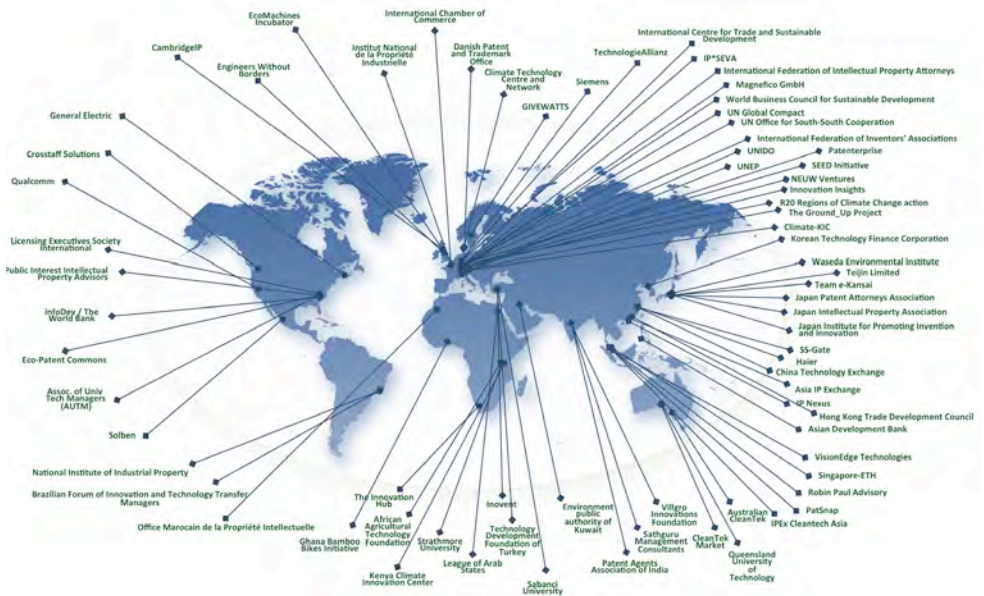
2016 Highlights

Summary

- WIPO GREEN has achieved significant improvements as a green technology transfer platform through the expansion of its network, and entries in the WIPO GREEN database.
- 2016 was an active year for the WIPO GREEN Network. Most importantly, over 100 connections between providers and seekers have been fostered through the use of the WIPO GREEN database and matchmaking events. This was achieved through use of the database contact form, 25 letters of intent and 1 MOU resulting from matchmaking projects, collaboration with Partner events, the COP22 exhibit, and manual matchmaking by the WIPO GREEN team.
- In 2016, we exceeded 70 Partners (currently 74). They increasingly reflect the full spectrum of companies, large and small, universities, banks and associations across the value chain in all major areas of “green”.
- The number and type of technologies available for license, sale or collaboration in the WIPO GREEN database have expanded considerably in 2016 when measured against the performance over the two previous years. The total number exceeds 2400 and is increasing regularly. The growth rate of database registered users is more than 200% of what it was in 2015.
- The needs registered on the database now reach 150 and are largely from developing countries.
- The WIPO GREEN website has been visited well over 100000 times during the first 10 months of 2016, representing 13000 unique visitors. The WIPO GREEN newsletter has over 4000 subscribers.

WIPO GREEN Partners: 74

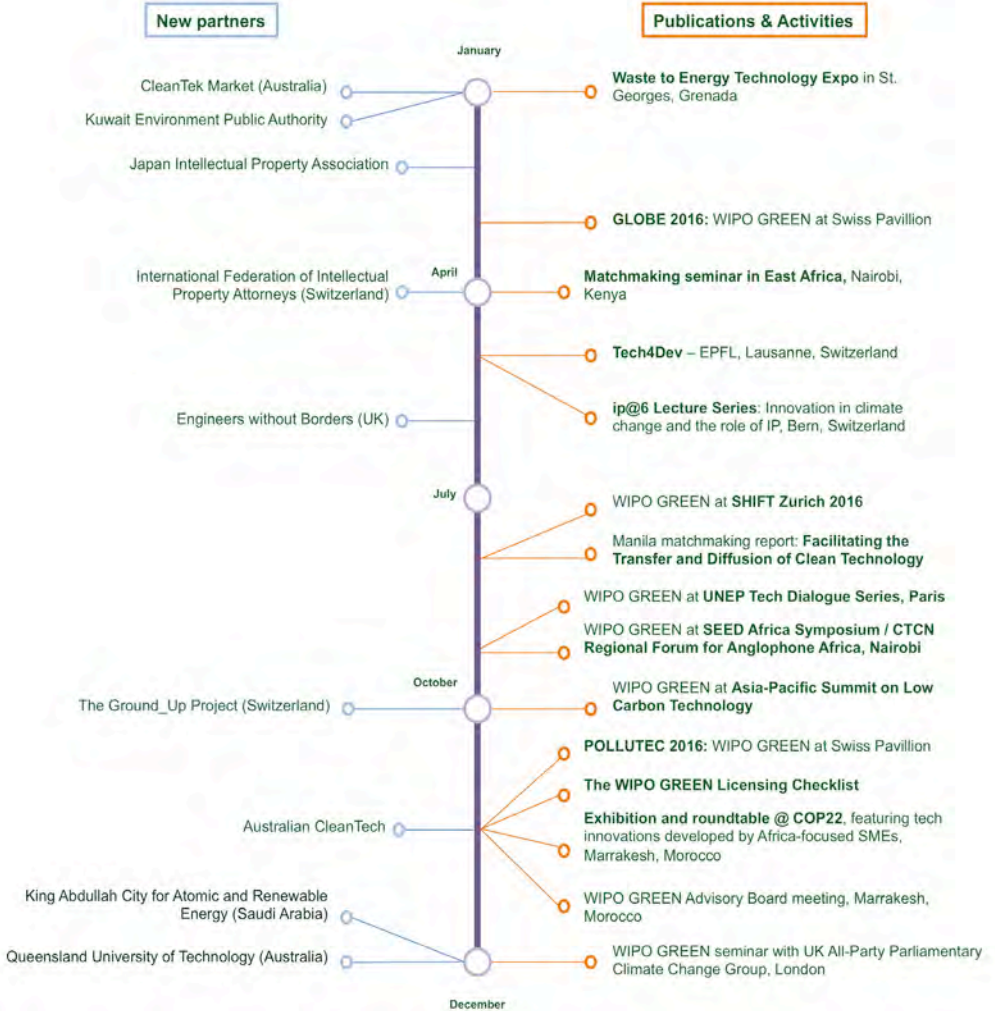
(as of December 2016)



2016: New Partners



2016 Timeline

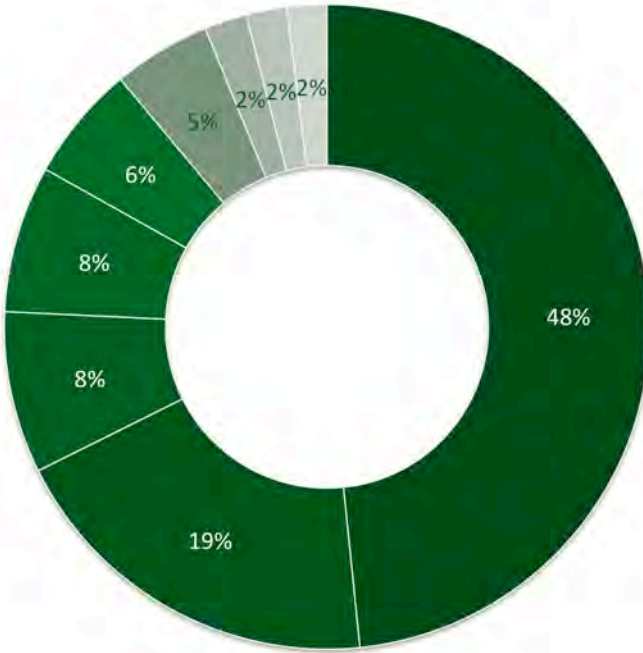


Database Highlights

- Registered Users: From 463 to 779 (+68 %); growth rate increased by over 200% as compared to 2015
- By November 2016, 2280 technologies were uploaded on the database (up from 1855 in November 2015) (+23%) and 150 needs (up from 71 needs as of November 2015) (+110%)
- Association of University Technology Managers (AUTM) technologies now represent 65% of all technologies on the database (down from 75% in 2015, and 90% in 2014).

Database Highlights

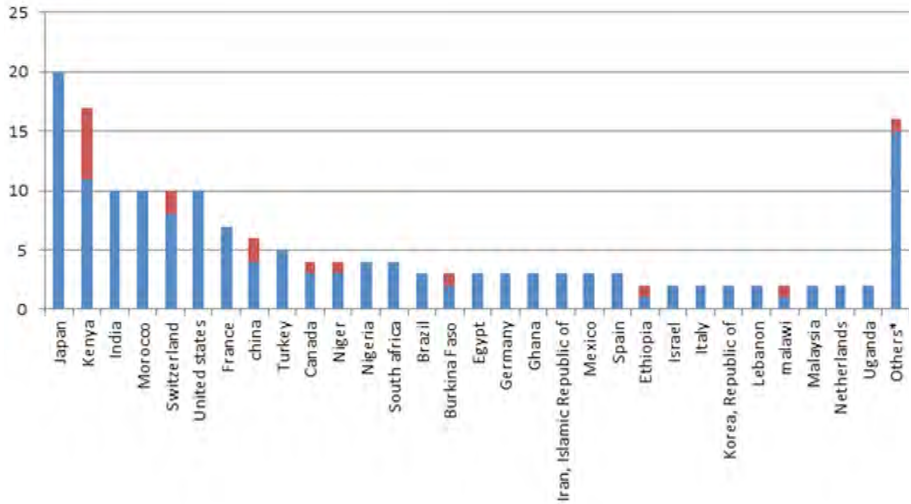
Listed technologies by sector



- Energy
- Pollution & Waste
- Water
- Farming & Forestry
- Green Products
- Chemicals & Advanced Materials
- Building & Construction
- Transportation
- Other Areas

Database Highlights

Providers and seekers by country



Blue = Listed technologies / Red = Listed needs

Network Highlights

2016 Matchmaking Project – Water and Agriculture in East Africa

WIPO GREEN's matchmaking project on water and agriculture in East Africa was a successful demonstration of how to facilitate green technology transfer in the developing world. The matchmaking event (organized in collaboration with CTCN, Strathmore University, Kenya CIC and AATF) also contributed to expanding needs focusing on specific regions (Kenya, Ethiopia, and Tanzania) and corresponding technology solutions in the WIPO GREEN database.

Of the 39 seekers present, nine letters of intent were signed, as well as eight additional connections made between seekers and CTI-PFAN, GIZ and AfDB.

Read the full matchmaking report from the 2015 matchmaking project on wastewater in South Asia.



Photo: WIPO

Network Highlights

WIPO GREEN @ COP22 in Marrakesh



Photo: OMPIC

Showcasing Innovative SME Climate Solutions for Africa: Exhibit and Roundtables

The exhibition featuring green tech innovations coming from Africa-focused SMEs during the COP 22 in Marrakesh was a fruitful collaboration with WIPO GREEN Partners OMPIC and INPI in promoting green technologies transfer and local innovators in Africa.

The event was also successful in terms of increasing the number of user registrations and technologies on the database in 2016, bringing in over 100 new registrations in one month alone.

Network Highlights

WIPO GREEN Licensing Checklist

Licensing checklist

The WIPO GREEN Licensing Checklist [PDF](#) is designed for those involved in negotiating technology transfer licensing agreements. It provides a checklist of key issues which should be considered when negotiating and concluding such contracts. The checklist is not an exhaustive resource; rather it helps provides an overview, as well as links to further information.

Part I

Part I addresses the most relevant items to be considered when concluding a licensing agreement:

- Section 1 is about the kind of agreement you are negotiating.
- Section 2 is about the subject matter of the agreement, e.g. the nature of the agreement, the technology involved, which type of IP is relevant to your project.
- Section 3 is about your rights as a licensee.
- Section 4 is about the financial terms.
- Section 5 is about concluding contract clauses, such as how the agreement can be terminated, how disputes will be addressed, how to interpret the agreement, etc.

Part II

Part II addresses issues which concern development collaborations specifically.

Resources and references

A list of resources and references presents a selection of links to further information.

Note: The WIPO GREEN Licensing Checklist is neither educative, nor is it a substitute for professional legal advice. You are encouraged to adapt the checklist to your own needs or concrete projects. The Checklist is published as a draft for consultation. Please contact us with any feedback.

As part of our continuing efforts to provide tools that facilitate the transfer of green technologies, in 2016 we created the WIPO GREEN Licensing Checklist, designed as a basic reference for those involved in negotiating technology transfer licensing agreements. Available for free on the WIPO GREEN website, the Checklist provides a list of key issues which should be considered when negotiating and concluding licensing agreements.

Part I of the checklist covers the fundamentals of the contract, whilst Part II provides specific information on development collaborations, and the final section presents a selection of resources and references for further learning.

The checklist is not an exhaustive resource, but rather provides users with basic information and links to further resources. It is still at the consultation stage and remains a work in progress. We invite anyone who uses it to contact the WIPO GREEN team with feedback.

Network Highlights

Cooperation with Partners

2016 was a year of extensive cooperation with our Partners:

- GLOBE 2016 in collaboration with Magnefico
- Asia Pacific Low Carbon Technology Summit in collaboration with Asian Development Bank
- 2016 matchmaking project in collaboration with Climate Technology Centre and Network, Kenya Climate Innovation Center, Centre for Intellectual Property and Information Technology Law, and African Agricultural Technology Foundation
- Attendance at the SEED Africa Symposium
- Attendance at various Climate Technology Centre and Network events, including the CTCN Advisory Board
- Attendance at United Nations Environment Programme Tech Dialogue Series
- Session at Tech4Dev, in collaboration with World Business Council for Sustainable Development and Patenterprise
- Lunchtime seminar with UK United Kingdom All Party Parliamentary Climate Change Group, in collaboration with EcoMachines and Engineers Without Borders UK

PIIPA Pro Bono Hours

We began our pilot “pro bono hours” program with 300 hours donated by WIPO GREEN Partner Public Interest Intellectual Property Advisors (PIIPA). These hours were split between two applicants – Khepri Biosciences, South Africa, dealing with animal waste, branding and IP, protection and licensing, and; Community Energy Hub, Botswana, solar PV, branding. These WIPO GREEN users received assistance with identifying the full range of IP options available, as well as alternatives where there was no IP to protect – including information on how to protect other proprietary interests through a transactional contract.

WIPO GREEN Advisory Board and Committees

A big thank you must go to the WIPO GREEN Advisory Board, in particular those Partner representatives who participated in the licensing, matchmaking, funding and experts database committees, offering us their valuable time and expertise on a regular basis.

Network Highlights

Quotes from the Network

“Je remercie WIPO GREEN pour l’invitation à la COP22. WIPO GREEN nous a permis de faire des liens avec des acteurs des secteurs de l’eau et des énergies renouvelables. Nous avons rencontré des structures qui ont des technologies complémentaires à la nôtre, notamment dans les domaines du solaire et des engrais liquides, avec lesquelles nous avons lié des relations et sommes en train d’avancer. WIPO GREEN devrait pérenniser ce cadre de rencontre des acteurs, qu’on puisse échanger davantage et partager nos expériences de manière régulière et périodique.”

Abdou Maman,
Niger (COP22 SME Exhibitor)

“Cette exposition me donne l’occasion de montrer aux Africains que c’est possible. Nous avons les capacités de trouver des solutions aux problèmes auxquels nous sommes confrontés. Il suffit de nous réunir pour nous donner l’inspiration et la confiance qu’on peut réussir.”

Isidore Nzeyimana,
Rwanda (COP22 SME Exhibitor)

“WIPO GREEN made it possible for us to have easy access to technologies, services and – most importantly – people with expertise and relevant information.”

Edward Mungai,
Kenya (WIPO GREEN Partner Kenya
Climate Innovation Center)

“We value being able to effortlessly connect to technology seekers from around the world through WIPO GREEN.”

Yorimasa Suwa,
Japan (WIPO GREEN Partner Japan
Intellectual Property Association)

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