

WIPO GREEN



Database Application User Guide

Version Rev1 December 2021

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INTRODUCTION

WHAT IS WIPO GREEN?

WIPO GREEN, established in 2013, is an interactive marketplace that connects technology and service providers with those seeking innovative solutions. WIPO GREEN consists of an online database and a network that brings together a wide range of players in the green technology innovation value chain, and connects owners of new technologies and providers of services with individuals or companies who might be looking to commercialize, license or otherwise distribute a green technology.

The core part of WIPO GREEN is its database, which lists around 3600 green technology products, services and IP assets. Users can upload their technologies and browse the catalogue after undergoing a simple online registration process.

Registration, technology upload and overall use of the WIPO GREEN Database are free of charge.

What are the benefits of WIPO GREEN?

The WIPO GREEN Network and freely accessible database offer a number of benefits:

- Green technology entrepreneurs, companies and providers: WIPO GREEN
- Offers global visibility for products listed on the database, helping to attract potential customers, partners and finance. It also offers tailored matchmaking opportunities through regional seminars.
- Seekers of green technologies and services: WIPO GREEN offers those with unmet green tech needs an opportunity to advertise their requirements and invite offers through the database, thus significantly increasing the chance that those needs will be met. In addition to specific green technologies, these needs could include requirements for expertise related to funding, training, IP, licensing, business development, or other professional services.
- Investors: WIPO GREEN offers a useful resource for investors looking to construct and execute deals in the green technology space, providing information and access to over 3300 innovative technologies from all around the world, in a variety of sectors, and in all stages of development.

In addition, the vibrant and dynamic WIPO GREEN Network connects technology providers and seekers, and provides access to global policy discourse on climate change as well as a range of services provided by WIPO and WIPO GREEN Partners. These include, for example, pro bono hours on IP advice, opportunities to exhibit at tech fairs, and participation in trainings and other events. WIPO GREEN also maintains an online WIPO Green Experts Database, which includes a range of offerings from licensing professionals to finance advisers from around the globe, in order to help green tech providers more rapidly commercialize their technologies and find the expertise required to make deals happen.

PURPOSE OF THIS DOCUMENT

The purpose of this document is to explain all functionalities of WIPO GREEN Database.

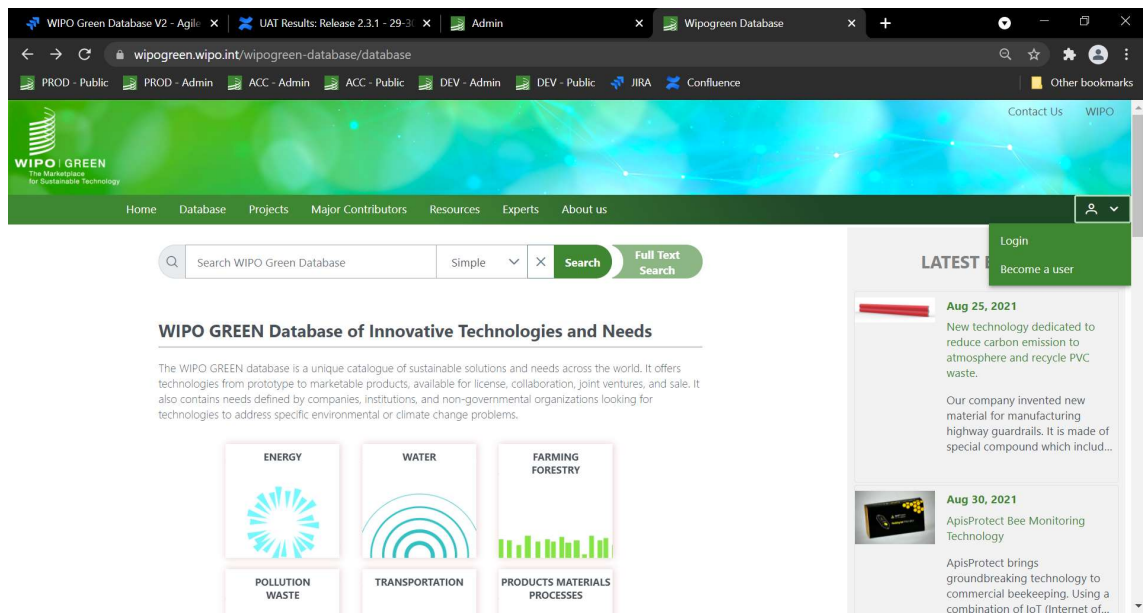
HOW TO CREATE A WIPO GREEN ACCOUNT

To create a WIPO GREEN account is a two-step process:

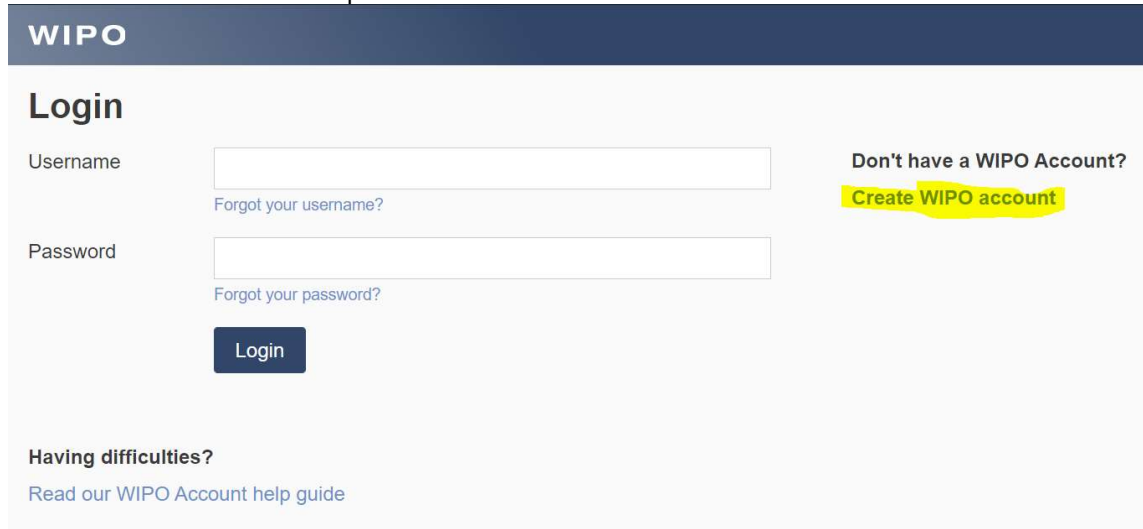
1. Create an official WIPO Account
2. Create an official WIPO GREEN profile

CREATE A WIPO ACCOUNT

1. Go to WIPO GREEN database page (<https://wipogreen.wipo.int/wipogreen-database/database>)
2. Click 'Become a user' option.



3. Click 'Create WIPO Account' option.



4. Fill in the details required to create a WIPO account.

WIPO [Terms of use](#) [Contact us](#) [My WIPO Account](#) [English](#) [Close](#)

Create WIPO Account

All fields marked with * are mandatory.

User information
WIPO Accounts are personal and NOT generic. Please provide your own **personal details**.

Username *

First Name *

Last Name *

Company/Organization

Phone

Address

City *

Country or territory *

Preferred communication language *

E-mail
Please indicate an **individual** e-mail address below. **The same e-mail address cannot be used with another WIPO Account.**

E-mail *

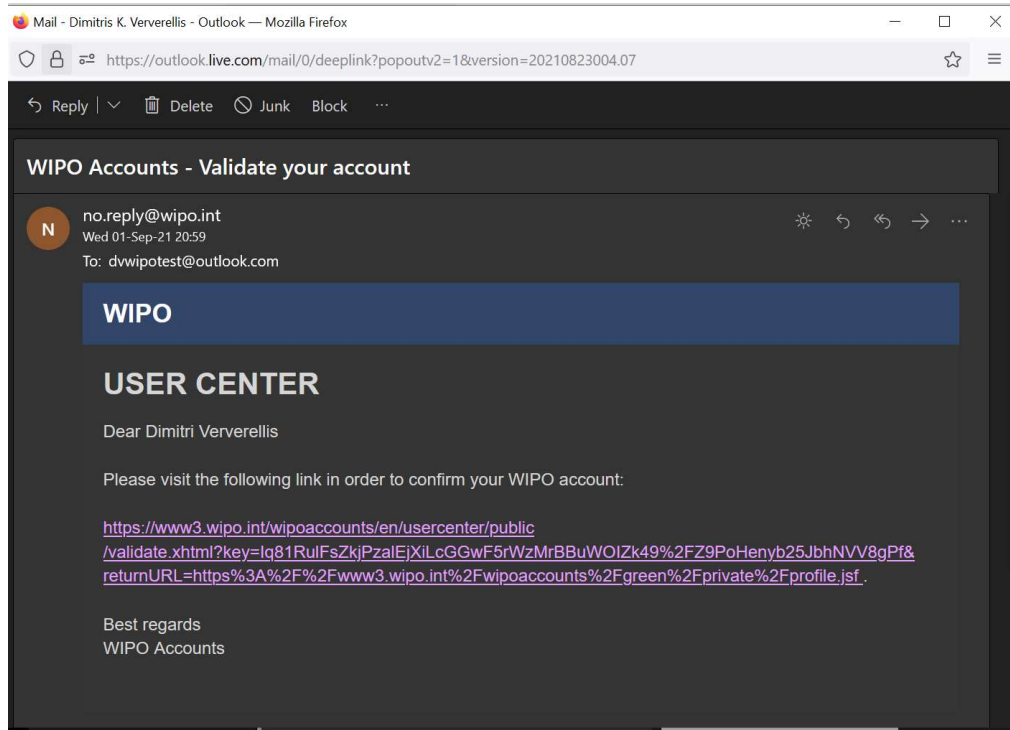
5. After filling in the information required creating your WIPO account, you will see the text below. Wait for the email confirmation sent to the email address you provided.

WIPO [Terms of use](#)

Create WIPO Account

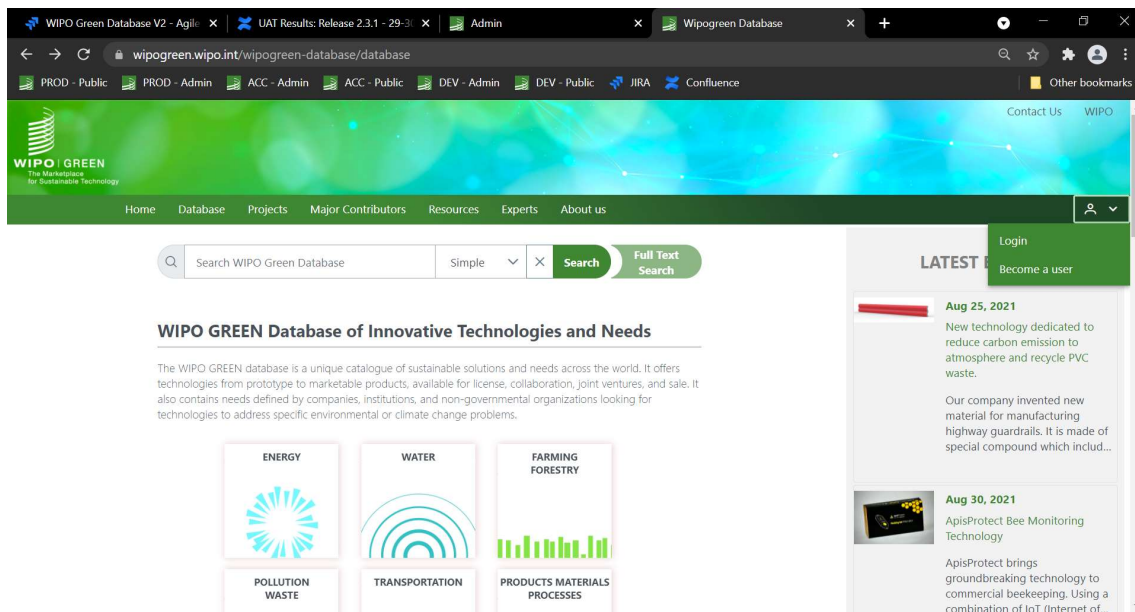
Your WIPO account has been created and requires validation. A confirmation link has been sent to the e-mail address provided. Please check the spam filters if you do not receive the e-mail in your inbox or request resend by clicking [here](#)

6. Click on the link provided in the email confirmation in order to validate your WIPO account.

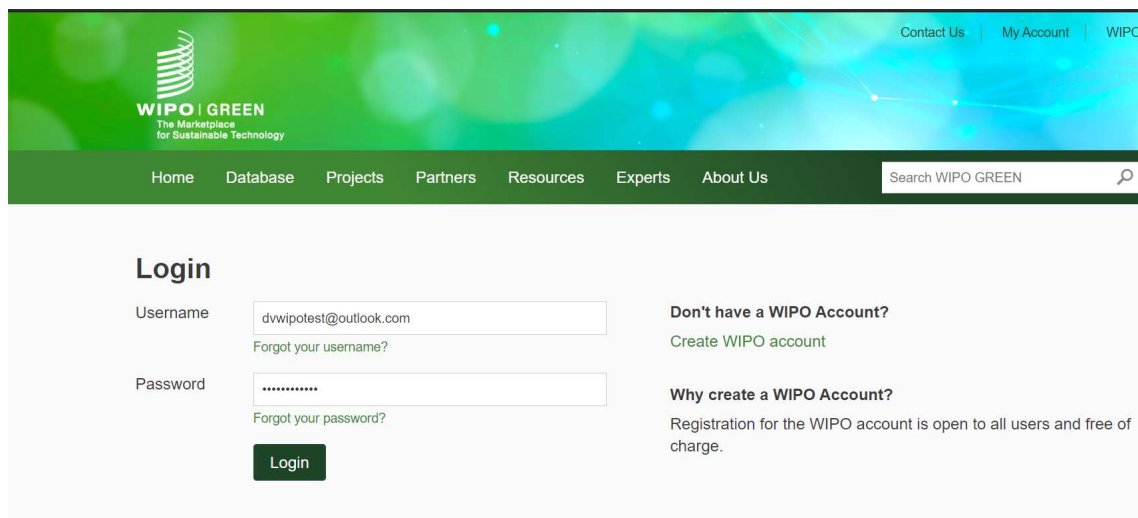


CREATE A WIPO GREEN ACCOUNT

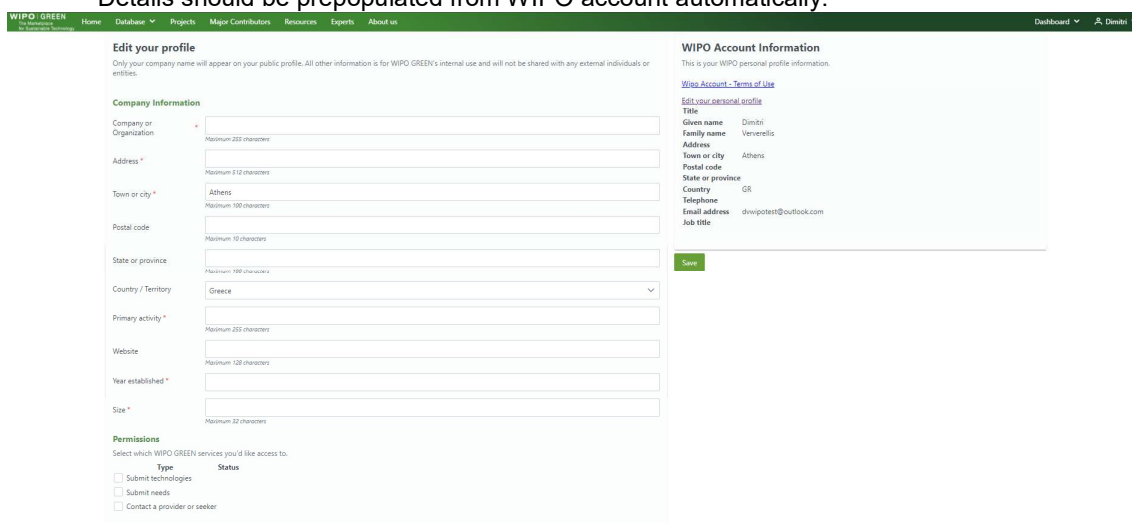
1. Go to WIPO GREEN database page (<https://wipogreen.wipo.int/wipogreen-database/database>).
2. Click the 'Log in' option.



3. Log into WIPO GREEN with the same user name and password you used in WIPO account registration.



- In 'Company information section, check and if needed update WIPO GREEN profile information. Details should be prepopulated from WIPO account automatically.



- In 'Permissions' section select the services you would like to have access.

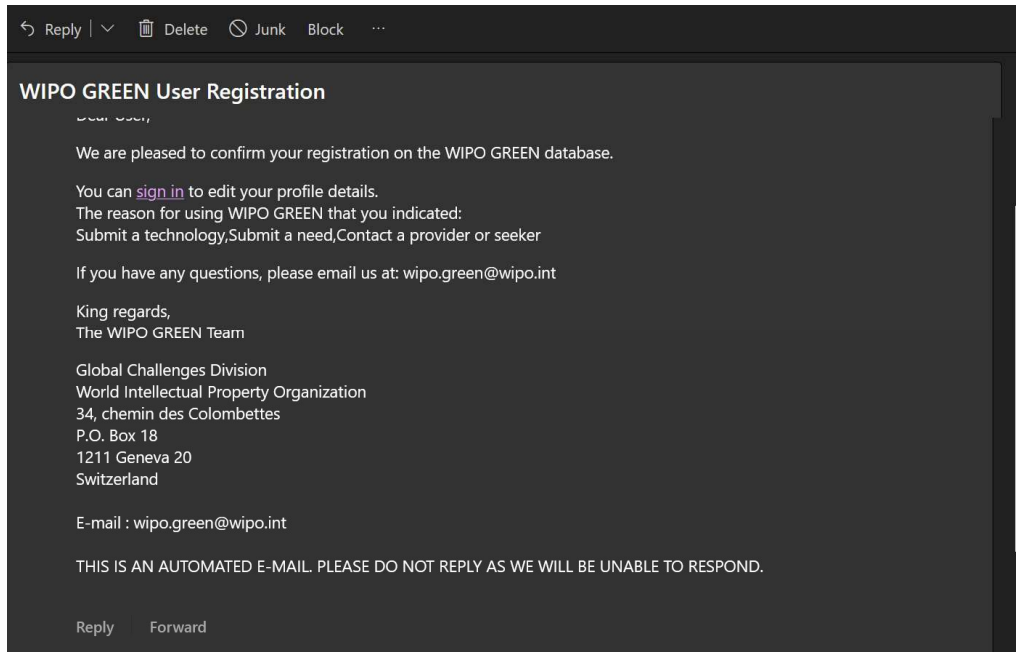
Option	Description
Submit technologies	Select this option to upload technologies in WIPO GREEN database
Submit needs	Select this option to upload needs in WIPO GREEN database
Contact a provider or seeker	Select this option to contact or be contacted from other WIPO GREEN users.

- Click 'Save' button to confirm your details. Confirmation pop-up window is displayed.



- You will receive an email notification of your registration request. The WIPO GREEN team reviews each registration individually. When your registration is approved (usually within 2

working days), you will receive an email confirmation. Please note that only organizations can submit technologies or needs, not individuals. You must be affiliated to an institution e.g. company, non-profit, university. If you are a student or an individual not affiliated to any institution, email us at wipo.green@wipo.int, so that we can consider your request.

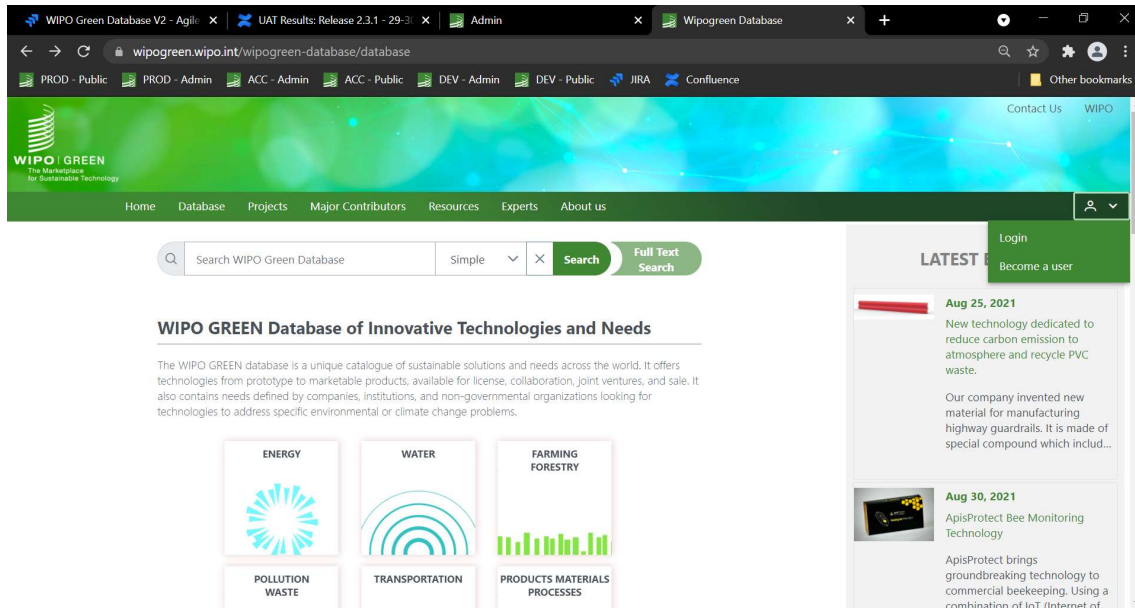


CONGRATULATIONS! You are now a registered WIPO GREEN user and can upload a need or technology on to the WIPO GREEN Database.

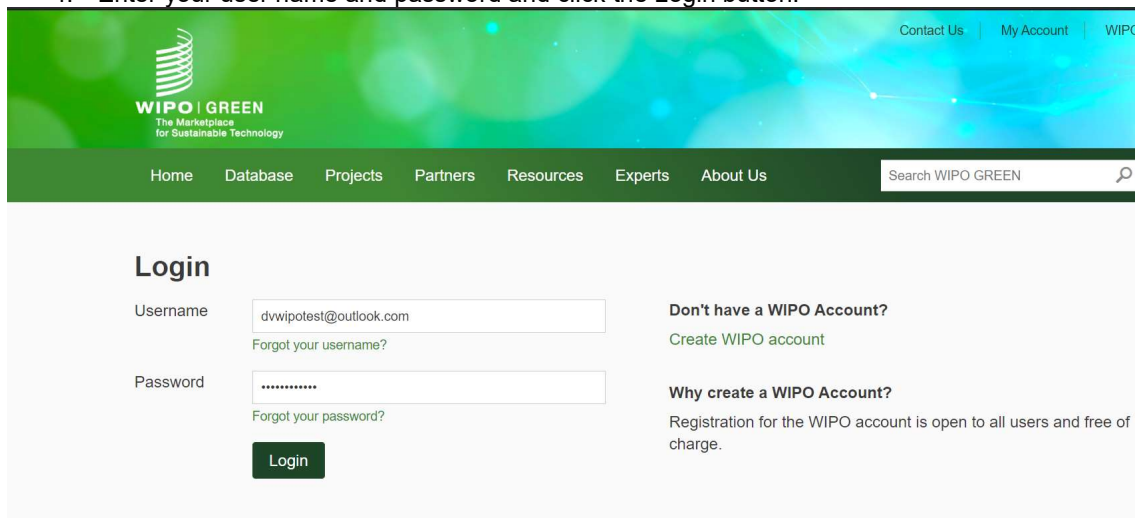
LOG IN WIPO GREEN DATABASE

To log in WIPO GREEN Database:

1. To log in WIPO GREEN database you must have completed the WIPO GREEN profile registration (see How to create a WIPO GREEN account paragraph)
2. Go to WIPO GREEN database page (<https://wipogreen.wipo.int/wipogreen-database/database>).
3. Click the 'Log in' option.



4. Enter your user name and password and click the Login button.



You will be redirected to WIPO GREEN Database home page. Menu options under 'Database', 'Dashboard' and profile name are now activated.

LANDING (HOME) PAGE

WIPO GREEN landing page (home page) serves as an entry point to the whole green technology subject and guide the user into this highly complex and extensive field.

Home page contains the following elements:

The screenshot shows the WIPO GREEN landing page. At the top is a navigation bar with the logo and menu items: Home, Database, Projects, Major Contributors, Resources, Experts, About us. Below the navigation bar is a search interface with a search box containing 'Search WIPO Green Database', a dropdown menu set to 'Simple', and buttons for 'Search' and 'Full Text Search'. The main content area is titled 'WIPO GREEN Database of Innovative Technologies and Needs' and includes a brief description of the database. Below this is a grid of seven category tiles: ENERGY, WATER, FARMING FORESTRY, POLLUTION WASTE, TRANSPORTATION, PRODUCTS MATERIALS PROCESSES, and BUILDINGS CONSTRUCTION. To the right is a 'LATEST ENTRIES' section with three entries: 'Sep 9, 2021 Hydrogen Sulfide Bio-scrubber', 'Sep 9, 2021 Biogas Upgrading & Distribution (CBG)', and 'Aug 25, 2021 New technology dedicated to reduce carbon emission to atmosphere and recycle PVC waste'.

- Search interface for the three search options (simple, advanced, full text search)
- Invitation to go into the seven major categories of the database. Click on a category tile and you will be redirected to category page of the selected tile (see 'Category' page).
- List of latest technologies/needs uploaded by WIPO GREEN database users.

The screenshot shows the WIPO GREEN landing page with the 'Collections' and 'Major Contributors' sections highlighted. The 'Collections' section is titled 'Collections' and includes a description: 'Collections group needs and technologies from WIPO GREEN Acceleration Projects and other activities. WIPO GREEN Acceleration Projects actively identify pertinent needs within specific climate change, food security, and environmental issues in a country or region as well as potential innovative green solutions.' It features two sub-sections: 'LAC Climate Smart Agriculture' and 'POME Indonesia'. The 'Major Contributors' section is titled 'Major Contributors' and includes a description: 'Most active needs or technology uploaders to the WIPO GREEN database.' It features three logos: Fujitsu, Toyota, and Ricoh, each with a brief description of the company's focus.

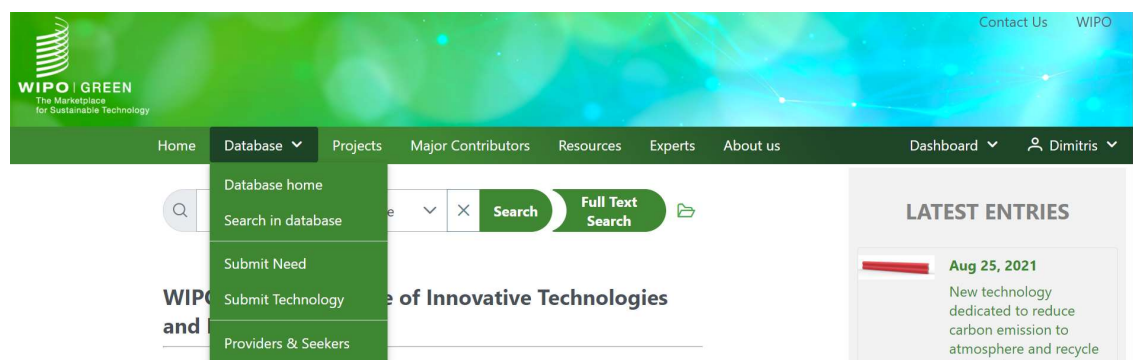
- Collections section (needs and technologies from WIPO GREEN Acceleration Projects and other activities. WIPO GREEN Acceleration Projects actively identify pertinent needs within specific climate change, food security, and environmental issues in a country or region as well as potential innovative green solutions.)

- Major contributors section (Most active needs or technology uploaders to the WIPO GREEN database)

WIPO GREEN DATABASE MENUS

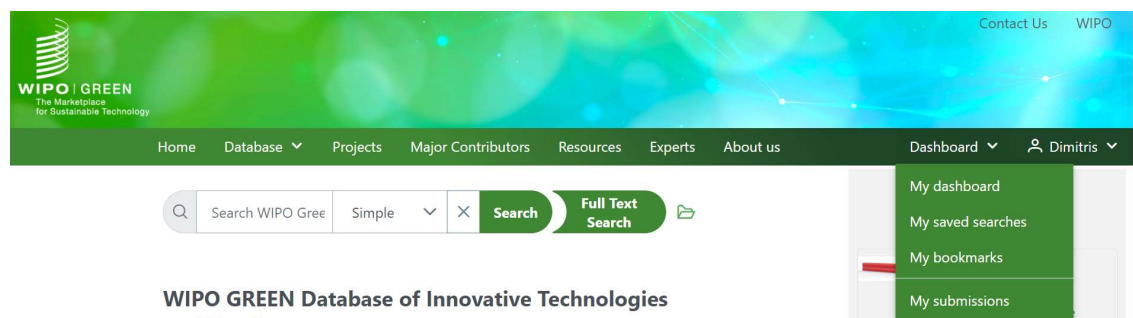
When user is logged in WIPO GREEN database following menus and sub-menus are activated in WIPO GREEN Database accessible from all pages:

'DATABASE' MENU



Menu	Sub-menu	Description
Database	Database Home	User is redirected to WIPO GREEN home page
	Search in database	User can search the database and explore technologies, needs and other knowledge material uploaded in WIPO GREEN database
	Submit a need	User can fill this form to submit a need in the database.
	Submit a technology	User can fill this form to submit a technology in the database.
	Providers & Seekers	List of all technology providers and seekers

'DASHBOARD' MENU

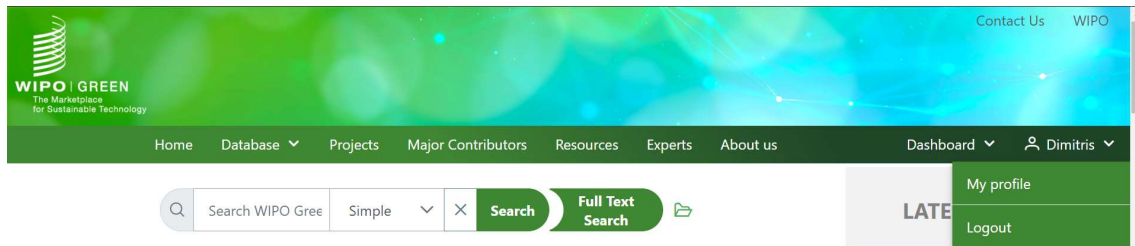


Menu	Sub-menu	Description
Dashboard	My dashboard	A single page where user can see statistics about his activity and analytics about own technologies/needs in WIPO GREEN database
	My saved searches	Saved combinations of filters and or keywords usually applied by user when searching the database.

	My bookmarks	List of technologies, needs and other knowledge material bookmarked by user.
	My submissions	Page where user can see and maintain all technologies and needs s/he has uploaded in WIPO GREEN database.

LOGIN MENU

Menu label is the name of the user registered in WIPO GREEN profile information.

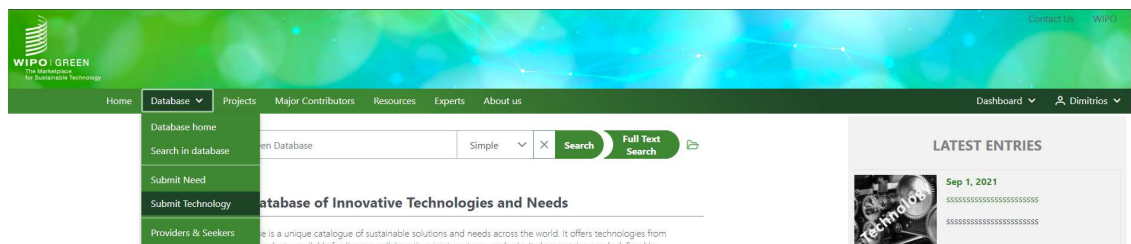


Menu	Sub-menu	Description
<User Name>	My profile	Page to view and maintain WIPO GREEN Profile and WIPO Account details
	Logout	Option to log out from WIPO GREEN database.

SUBMIT A TECHNOLOGY

To submit a technology in WIPO GREEN database:

1. Click 'Submit a Technology' option from 'Database' menu.



2. Submit a Technology page is loaded.
3. If technology is submitted on behalf of the owner, then fill 'Contact Information (if different from person uploading)' section, otherwise leave flag 'No' and proceed with the rest of the page.

Contact Information (if different from person uploading)

Are you uploading technologies on the behalf on another entity that would want to be contacted directly for business opportunities?

Yes No

First name

Last name

Company name *

Email of contact *

Address

City

Country*

Phone

Website

Maximum 250 characters, starting from protocol - e.g. http://*

4. Please fill all fields marked with a red asterisk. These fields are mandatory and unless they all have a valid value, technology cannot be published in WIPO GREEN database.

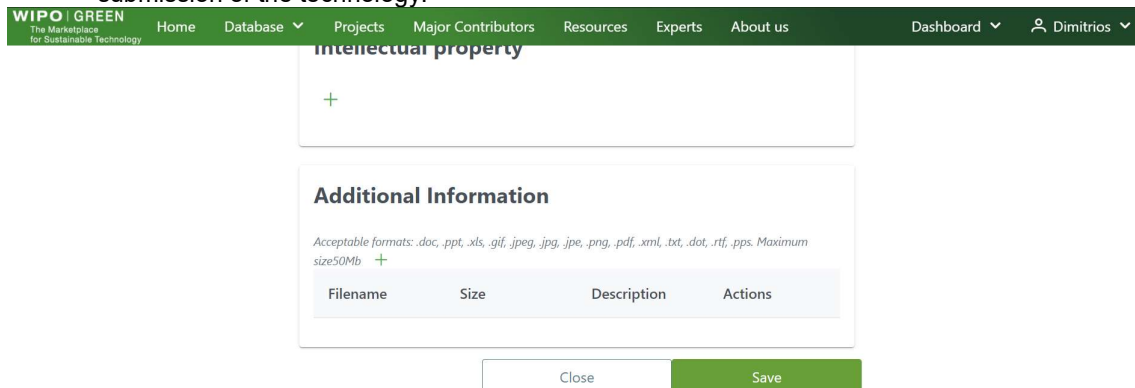
Field Name	Description/Comments
Title	Title of technology
Description	Description of technology
Technology categories	Category and sub-category of technology. Multiple combinations can be selected.
Developed in	Developed in country of the technology
Summary of benefits	Benefits of the technology. Provide as much information is possible.
Development stage	The readiness level of the technology
Type of collaboration sought	Indicate the type of collaboration you are looking for the technology.

5. Fill other not mandatory fields of the submit page. Following table includes fields recommended to fill:

Field Name	Description/Comments
Website	URL of official website where users can read about the technology. When a user visits the details of the technology, a link will be displayed in the page.
Upload an image	Upload an image related to the technology. The image will be displayed as a thumbnail in the WIPO GREEN database results page and in the details page of the technology. If no image is uploaded, the default technology image used in WIPO GREEN database will be displayed.
Collections	Only to be filled if your upload is part of a WIPO GREEN Acceleration Project or similar. If in doubt, leave blank.
Investment sought	If you are seeking for financial support for your technology please change flag to 'Yes' and tick any of the options available.
Additional Information	Please upload any files relevant to your technology. All commonly used file types can be uploaded in WIPO GREEN database. To upload a file click the '+' icon.

Tip: Please fill as many fields and information about the technology possible. The more details the higher possibility for other users to discover the technology in the database

6. When all information is filled click the 'Save' button (at the bottom of the page) to finalize the submission of the technology.



7. 'Save options' popup window is displayed. User has four different options to proceed:

Save options



Are you sure you want to publish your article?

Discard

Continue editing

Publish later

Yes, publish

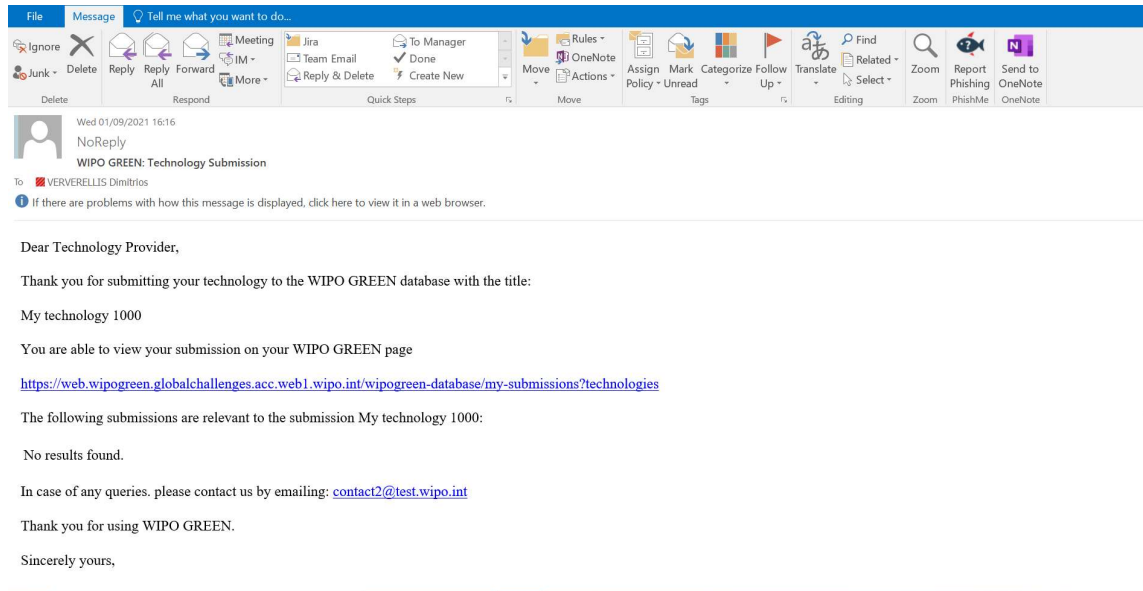
Option	Description/Comments
Discard	All work will be deleted. User will have to re-enter everything from the beginning.
Continue editing	User can continue working in the submit page.
Publish later	<ul style="list-style-type: none">Technology will be saved in the database in 'Ready' status.Technology will be visible only to the user only via My submissions page
Yes, publish	Technology will be uploaded in WIPO GREEN database and will be visible to all visiting and registered users. Technology will be saved in the database in 'Published' status

- To publish the technology in WIPO GREEN database and make it publically visible click the 'Yes, publish' button. Upon successful submission user is re-directed automatically to My Submissions page and a pop-up window is displayed.

The screenshot shows the WIPO GREEN website interface. At the top, there is a navigation bar with the WIPO GREEN logo and the tagline 'The Marketplace for Sustainable Technology'. The navigation menu includes Home, Database, Projects, Major Contributors, Resources, Experts, About us, Dashboard, and a user profile for Dimitrios. A green notification box in the top right corner displays a checkmark and the text: 'Save success. The Technology was saved successfully. You can view your published Technology here.' Below the navigation bar, the 'My Submissions' section is visible, with tabs for 'Technologies' and 'Needs'. Under 'Technologies', there is a table with columns for Title, Updated on, Status, Bookmarks, and Actions. A single submission is listed: 'My technology 1000' with an update date of 'Sep 1, 2021' and a status of 'Published'. The 'Actions' column for this submission contains icons for a star, a trash can, and a pencil.

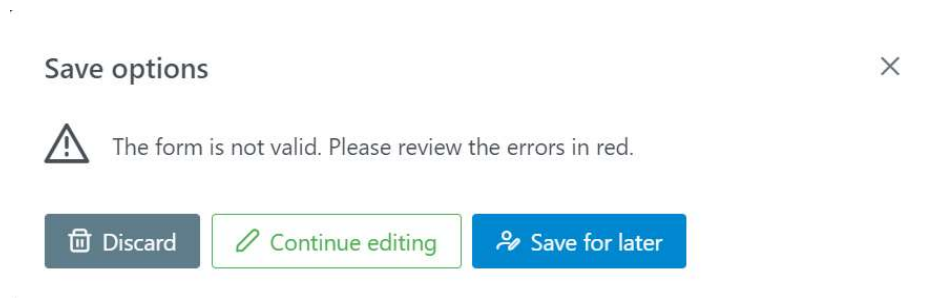
Tip: If technology has attachments process might take few minutes to complete (depending on the size of the files), but this does not affect the user to continue his work by navigating to other pages and/or using other functions of the system. **UPLOAD COMPLETE!**

- A notification email is also received by user as confirmation of the technology upload in WIPO GREEN Database.



Note

If form validation errors exist, a different 'Save options' popup window will be displayed.



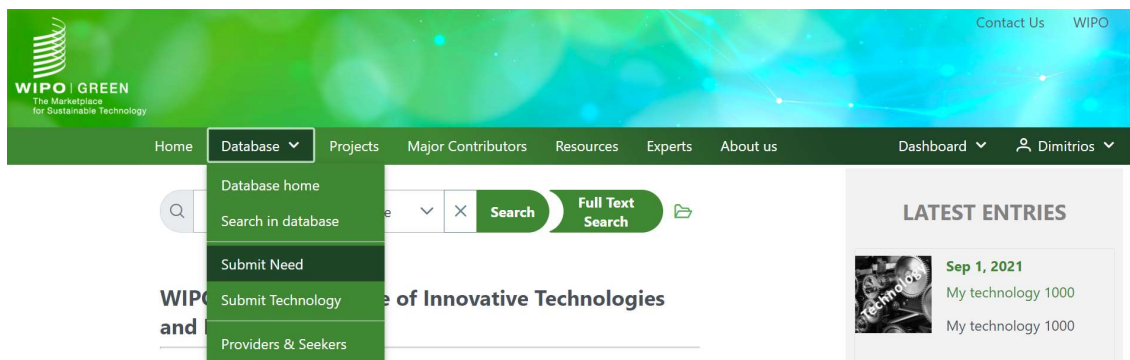
Option	Description/Comments
Discard	All work will be deleted. User will have to re-enter everything from the beginning.
Continue editing	User can continue working in the submit page.
Save for later	<ul style="list-style-type: none"> Technology will be saved in the database in 'Draft' status. Technology will be visible only to the user only via My submissions page

Tip: • Your submission will automatically be matched against needs and technologies in the database upon submission. You will receive an email with potential matches and a "Saved search" will be created with email alert on by default.

SUBMIT A NEED

To submit a need in WIPO GREEN database:

- Click 'Submit Need' option from 'Database' menu.



- Submit a Need page is loaded.
- If need is submitted on behalf of the owner, then fill 'Contact Information (if different from person uploading)' section, otherwise leave flag 'No' and proceed with the rest of the page.

Contact Information (if different from person uploading)

Are you uploading needs on the behalf on another entity that would want to be contacted directly for business opportunities?

Yes No

First name

Last name

Company name *

Email of contact *

Address

City

Country*

Phone

Website

Maximum 250 characters, starting from protocol - e.g. http://*

- Please fill all fields marked with a red asterisk. These fields are mandatory and unless they all have a valid value, technology cannot be published in WIPO GREEN database.

Field Name	Description/Comments
What is your technical problem?	Title of technology
Description of need	Description of technology
Needed by	

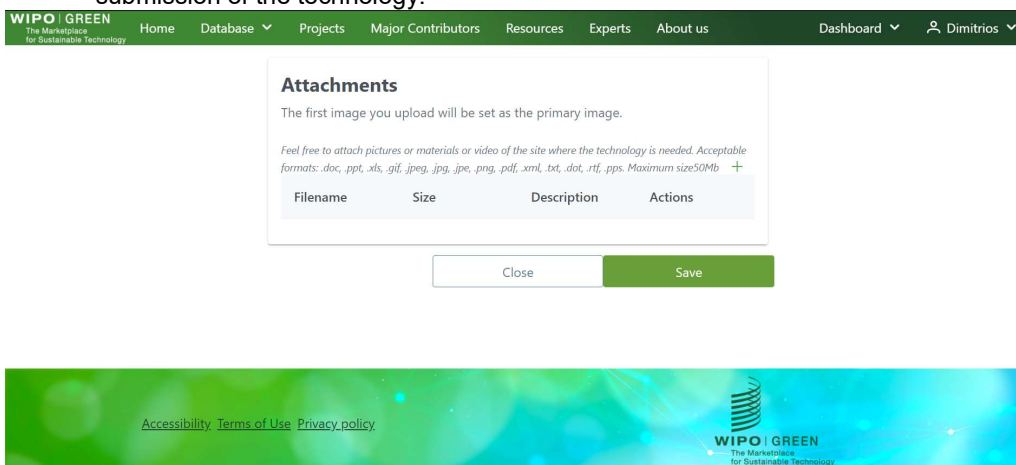
Technology categories	
Geographical location	
What type of technology transfer are you looking for?	

14. Fill other not mandatory fields of the submit page. Following table includes fields recommended to fill:

Field Name	Description/Comments
Upload an image	Upload an image related to the technology. The image will be displayed as a thumbnail in the WIPO GREEN database results page and in the details page of the technology. If no image is uploaded, the default technology image used in WIPO GREEN database will be displayed.
Collections	Only to be filled if your upload is part of a WIPO GREEN Acceleration Project or similar. If in doubt, leave blank.
Attachments	Please upload any files relevant to your need. All commonly used file types can be uploaded in WIPO GREEN database. To upload a file click the '+' icon.


Tip: Please fill as many fields and information about the need possible. The more details the higher possibility for other users to discover the need in the database

15. When all information is filled click the 'Save' button (at the bottom of the page) to finalize the submission of the technology.



16. 'Save options' popup window is displayed. User has four different options to proceed:

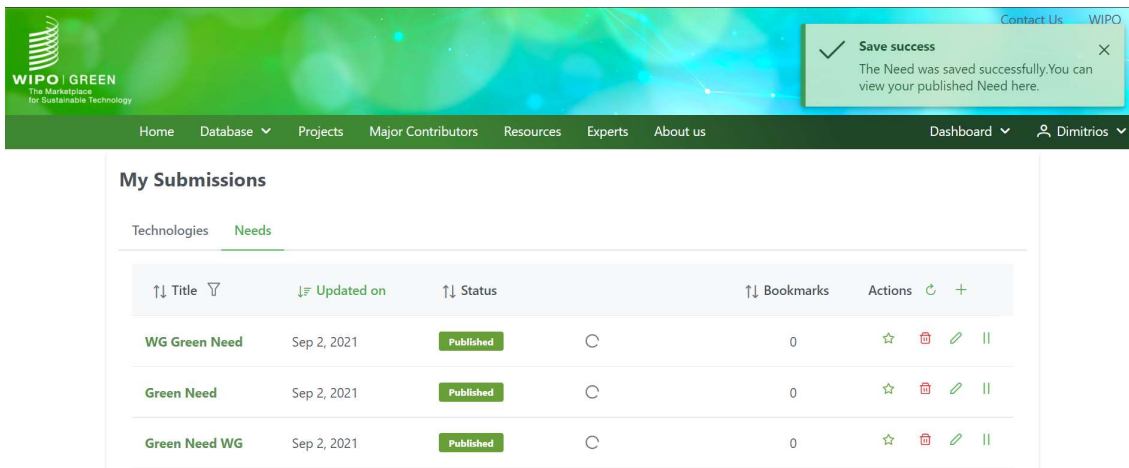
Save options ×

 Are you sure you want to publish your article?



Option	Description/Comments
Discard	All work will be deleted. User will have to re-enter everything from the beginning.
Continue editing	User can continue working in the submit page.
Publish later	<ul style="list-style-type: none"> Technology will be saved in the database in 'Ready' status. Technology will be visible only to the user only via My submissions page
Yes, publish	Technology will be uploaded in WIPO GREEN database and will be visible to all visiting and registered users. Technology will be saved in the database in 'Published' status

17. To publish the need in WIPO GREEN database and make it publically visible click the 'Yes, publish' button. Upon successful submission user is re-directed automatically to My Submissions page and a pop-up window is displayed.



The screenshot shows the WIPO GREEN website with a 'Save success' notification: 'The Need was saved successfully. You can view your published Need here.' Below the notification is the 'My Submissions' page, which has tabs for 'Technologies' and 'Needs'. The 'Needs' tab is active, showing a table with the following data:

↑↓ Title	↑↓ Updated on	↑↓ Status	↑↓ Bookmarks	Actions
WG Green Need	Sep 2, 2021	Published	0	☆ 🗑️ ✎️
Green Need	Sep 2, 2021	Published	0	☆ 🗑️ ✎️
Green Need WG	Sep 2, 2021	Published	0	☆ 🗑️ ✎️

Tip: If technology has attachments process might take few minutes to complete (depending on the size of the files), but this does not affect the user to continue his work by navigating to other pages and/or using other functions of the system. **UPLOAD COMPLETE!**

18. A notification email is also received by user as confirmation of the technology upload in WIPO GREEN Database.



Thu 02/09/2021 09:31

NoReply

WIPO GREEN: Need Submission

To VERVERELLIS Dimitrios

If there are problems with how this message is displayed, click here to view it in a web browser.

Dear Technology Seeker,

Thank you for submitting your need to the WIPO GREEN database with the title:

WG Green Need

You are able to view your submission on your WIPO GREEN page

<https://web.wipogreen.globalchallenges.acc.web1.wipo.int/wipogreen-database/my-submissions?needs>

The following submissions are relevant to the submission WG Green Need:

Id Title

[86718](#) Need Finance Technology

In case of any queries, please contact us by emailing: contact2@test.wipo.int

Thank you for using WIPO GREEN.

Sincerely yours.

Note

If form validation errors exist, a different 'Save options' popup window will be displayed.

Save options ×

The form is not valid. Please review the errors in red.

Discard
 Continue editing
 Save for later

Option	Description/Comments
Discard	All work will be deleted. User will have to re-enter everything from the beginning.
Continue editing	User can continue working in the submit page.
Save for later	<ul style="list-style-type: none"> Technology will be saved in the database in 'Draft' status. Technology will be visible only to the user only via My submissions page

Tip: • Your submission will automatically be matched against needs and technologies in the database upon submission. You will receive an email with potential matches and a “Saved search” will be created with email alert on by default.

SUBMIT A NEED ANONYMOUSLY

If you wish to remain anonymous when uploading a need:

1. In ‘Submit a need’ page select ‘Yes’ option in ‘Contact Information’ section
2. In ‘Company name type ‘ANONYMOUS’ or any other name you prefer.

The screenshot shows the 'Submit a Need' form on the WIPO GREEN website. The form is titled 'Submit a Need' and includes instructions for users who did not find a solution in the database. It contains a section for 'Contact Information (if different from person uploading)' with a question: 'Are you uploading needs on the behalf on another entity that would want to be contacted directly for business opportunities?'. The 'Yes' radio button is selected. Below this are input fields for 'First name', 'Last name', 'Company name', and 'Email of contact'. The 'Company name' field is highlighted with a green border and contains the text 'ANONYMOUS'.

3. Publish the need. Owner in results list and details page will show ANONYMOUS or the name you have selected.

The screenshot shows the search results page on the WIPO GREEN website. The search bar contains 'Search WIPO GREEN Database' and the results are sorted by 'Published date'. The results list shows one entry: 'Need for green energy' under the category 'ENERGY > SOLAR'. The entry includes a thumbnail image of a person in a field and the text 'Need for green energy'. The details for this entry are shown on the right:

Owner	ANONYMOUS
Uploaded by	VERVERELLIS Dimitris
Type	Need
Source	User uploads
Published	Sep 9, 2021
Deadline	Sep 29, 2021

The ID for this entry is 71581.

Need for green energy

ENERGY > SOLAR





ID 71581
Owner ANONYMOUS
Uploaded by DVERV
Type Need
Source User uploads
Published Sep 9, 2021
Updated Sep 9, 2021

Description Details Support Matching technologies Similar needs Statistics

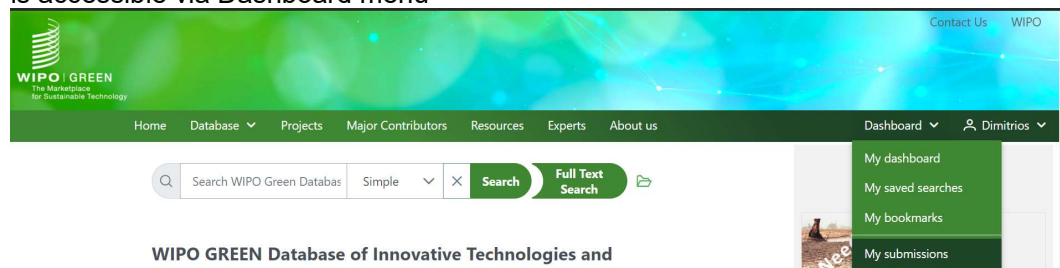
Need for green energy

Need by Sep 29, 2021

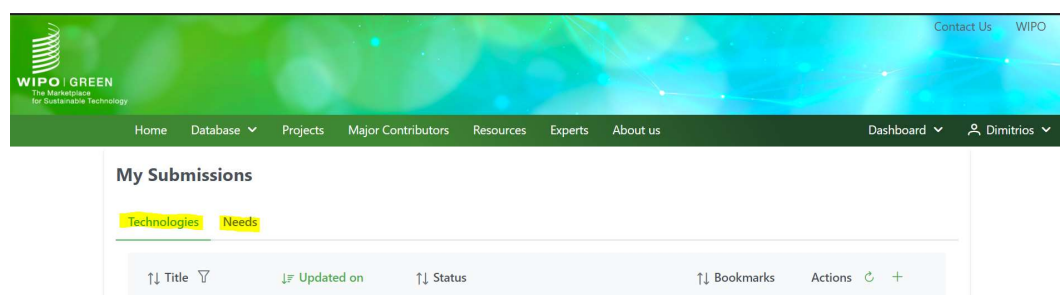
 EMAIL OWNER
 NO WEBSITE
ANONYMOUS

MANAGE UPLOADS (MY SUBMISSIONS)

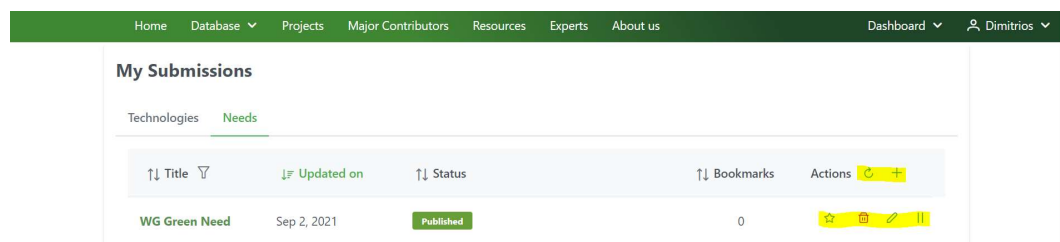
User can view and manage the technology/needs uploaded in 'My Submissions' page. Page is accessible via Dashboard menu





Technologies and needs are organized in tabs in My Submissions page. Simply click the tab name and contents will be loaded.



In both tabs, user can perform a series of actions, displayed as icons.




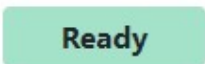


Icon	Label	Description/Comments
	Refresh list	Click the icon to refresh the page.
	Create new	Create a new technology or need.
	Click to bookmark	Add the technology or need in your bookmarks list.
	Delete	Delete the technology or need. This action will permanently delete the record from WIPO GREEN database from user's profile. Action can be recovered only from WIPO GREEN Administrator.
	Edit	Edit (update) the technology or need. This action will change the status of the upload to 'Draft' i.e. it wont be publically visible in WIPO GREEN database until it is published again.
	Suspend	Use this option if you would like to temporarily not have the technology/need publically visible in WIPO GREEN database Technology/need status is updated to 'Ready'.

	Click to remove bookmark	Remove a technology/need from bookmarks list.
	Publish	Make a technology/need publically available in WIPO GREEN database. Status will be updated to 'Published'

To view the details of a technology/need click the name in 'Title' column.

TECHNOLOGY / NEED STATUSES

Depending on the action of the user when submitting a technology or need (see Submit a Need and Submit a Technology paragraphs), article status can be any of the following listed in table below:

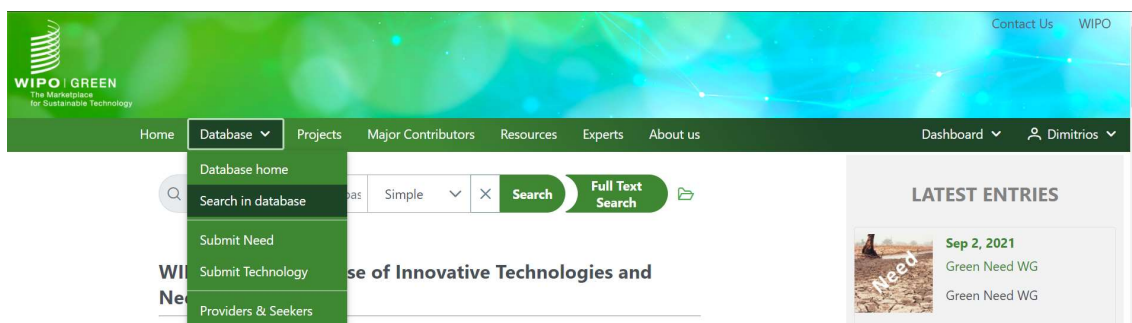
Status Icon	Status Description	User Action	Description/Comments
	Draft (with errors)	Save for later	<ul style="list-style-type: none"> Submit page has validation error i.e. mandatory fields do not have a value and/or other fields have invalid values). User saves work to continue later.
	Ready	Publish later	All validation checks pass (i.e. all values filled are valid).
	Published	Yes, publish right after	All validation checks pass (i.e. all values filled are valid)
	Processing	Publish later or Yes, publish right after	Temporary status until antivirus process (for attached files) and other background checks are complete.

SEARCH IN WIPO GREEN DATABASE

A WIPO GREEN user can search the database using any of the following three search functions:

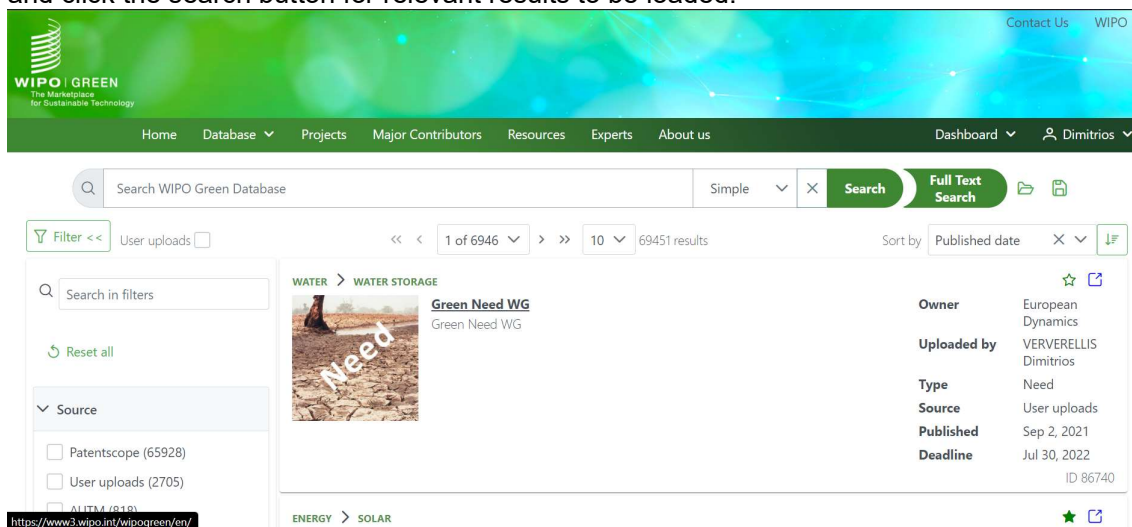
- Simple search
- Advanced search
- Full text search

To run a search go to 'Search in database' in Database menu. Results page will be loaded.



SIMPLE SEARCH

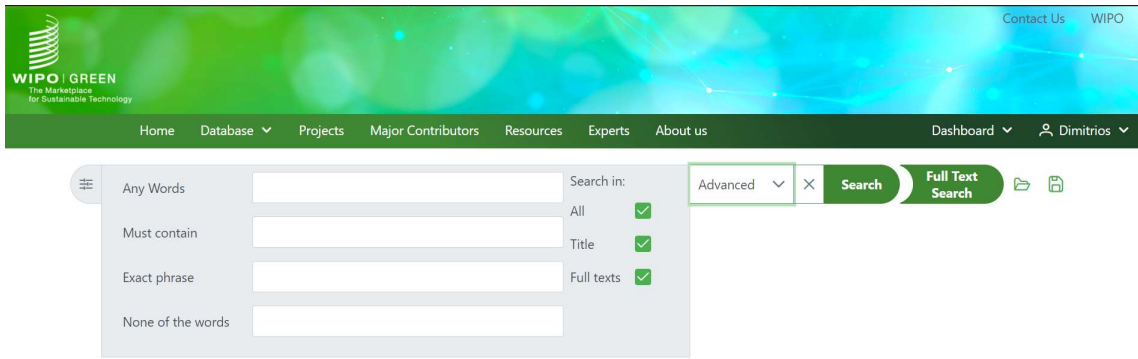
Search bar is in 'Simple' search mode by default. Simply add any combination of keywords and click the search button for relevant results to be loaded.



ADVANCED SEARCH

Advanced search is a full search of the entire content of the WIPO GREEN database. It finds your term wherever it occurs.

To switch to advanced search click the down arrow icons in the search bar and select 'Advanced' from the list. Advanced search fields are displayed.



Field	Description/Comments
Any words	Find articles that contain any of these words.
Must contain	Find articles that <u>must</u> contain these words.
Exact phrase	Find articles that contain the exact phrase typed.
None of the words	Articles must not contain these words
Search in: All	Search engine will search for values entered in 'Any words', 'Must contain', 'Exact phrase' and 'none of the words' fields' in the entire content of technologies, needs and knowledge material.
Search in: Title	Search engine will search for values entered in 'Any words', 'Must contain', 'Exact phrase' and 'none of the words' fields' ONLY in Title field. Rest of fields are excluded.
Search in: Full texts	Search engine will search for values entered in 'Any words', 'Must contain', 'Exact phrase' and 'none of the words' fields' in the entire content except 'Title' field.

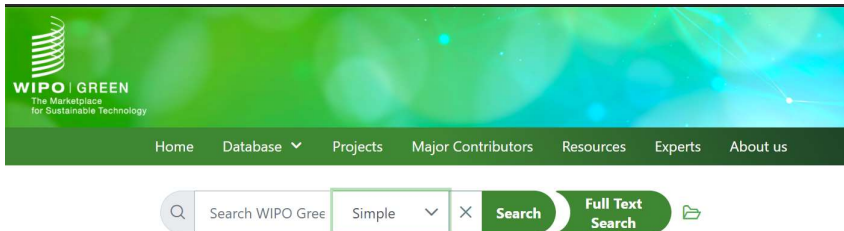
System allows user to search using any field combination. Complete any of the fields and click the 'Search' button for relevant results to be loaded.

FULL TEXT SEARCH

Full-text search is an AI-assisted search tool designed to make it easier to find solutions for your needs. Enter a long text, for example, parts of your project description or something that well describes what you are looking for and the tool will generate relevant keywords to be used in the search. You can also upload documents as input.

Full text search functionality is an available for registered WIPO GREEN users and are logged in WIPO GREEN database.

Click the Full Text Search button.



WIPO GREEN Database of Innovative Technologies and Needs

The 4-step wizard window opens.
Click the 'Next' button to go to next step.

Full text [Close]

1 Introduction 2 Select query source 3 Query text 4 Keywords

Introduction

Full-text search is an AI-assisted search tool designed to make it easier to find solutions for your needs. Enter a long text, for example parts of your project description or something that well describes what you are looking for, and the tool will generate relevant keywords to be used in the search. You can also upload documents as input.

You can chose which suggested keywords to use, and you can instruct the search engine to look for the exact phrases rather than individual keywords. This option often yields better results and is on by default. Ten keywords are chosen by default, but you can modify which and how many keywords to use.

The AI-assisted full-text search is an experimental feature, and we would highly appreciate your feedback on its usability, how you use it, and suggestions for improvements.

[Clear] [Next >]

In step No2 'Select query source' open the 'Input type' drop down list and select the source of the text.

Full text [Close]

1 Introduction 2 Select query source 3 Query text 4 Keywords

Input type: User input (selected), Web site, File upload

Enter the full text to process

[Previous] [Clear] [Next >]

Source	Description

<p>User input</p>	<p>Text entered by used. Enter your text in the text field.</p>	 <p>The screenshot shows a 'Full text' window with a progress bar at the top. Step 2, 'Select query source', is active. Below it, 'Input type' is set to 'User input'. A text area contains the following text: 'Environmental technology (envirotech), green technology (greentech) or clean technology (cleantech) is the application of one or more of environmental science, green chemistry, environmental monitoring and electronic devices to monitor, model and conserve the natural environment and resources, and to curb the negative impacts of human involvement. The term is also used to describe sustainable energy generation technologies such as photovoltaics, wind turbines, etc. Sustainable development is the core of environmental technologies. The term environmental technologies is also used to describe a class of electronic devices that can promote sustainable management of'. At the bottom, there are 'Previous', 'Clear', and 'Next' buttons.</p>
<p>Web site</p>	<p>Text will be imported from a given website address. Type a valid URL address.</p>	 <p>The screenshot shows the 'Full text' window with 'Input type' set to 'Web site'. A text input field contains the URL 'https://en.wikipedia.org/wiki/Environmental_technology'. Below the field, it says 'Enter a url of an html page to process'. The 'Previous', 'Clear', and 'Next' buttons are visible at the bottom.</p>
<p>File upload</p>	<p>Text will be imported from a file uploaded by user. Click the 'Choose' button to locate and upload a file.</p>	 <p>The screenshot shows the 'Full text' window with 'Input type' set to 'File upload'. A '+ Choose' button is visible. Below it, a file named 'Environmental technology.docx' with a size of '131.977 KB' is listed. A green 'X' button is next to the file name. The 'Previous', 'Clear', and 'Next' buttons are at the bottom.</p>

Click 'next' to go to the next step. Natural language processing engine will analyse the text and provide a list of the top relevant keywords/phrases.

Full text ×

1 Introduction 2 Select query source 3 Query text 4 **Keywords**

As phrases

Select the keywords that will be used for the query:

- class
- environmental technologies
- human involvement
- core
- negative impacts
- environmental science
- sustainable management

← Previous × Clear Apply 🔍

Options in this step are:

1. 'As phrases' toggle button: if ON search engine will return results where phrase is found. If OFF, search engine will return results where any of the sentence's words are found.
2. Tick box: By default, top 10 relevant keywords are selected. User can select and/or deselect any of the keywords listed.

Click 'Apply' to run a search in the database. Articles most relevant to the keywords selected are listed in results page.

Search string produced by full text search is displayed in search bar.

WIPO GREEN
The Marketplace for Sustainable Technology

Home Database Projects Major Contributors Resources Experts About us Dashboard Dimitris

"class" "environmental technologies" "human involvement" "core" "negative impac" Simple

Type: TECHNOLOGY

Filter << 1 User uploads <<< >>> 1 of 1906 >> 10 19051 results Sort by Relevance

Tip: to continue your work and modify the search terms, click the 'Full text search' button again. You can modify your selection and apply a different set of keywords.

FILTERS

Use freely any combination of filters to select only records that match certain criteria. Filters are located on the left page in Results page.

The screenshot shows the WIPO GREEN database interface. At the top, there is a navigation bar with links like Home, Database, Projects, Major Contributors, Resources, Experts, and About us. Below this is a search bar with the text 'Search WIPO Green Database' and a 'Search' button. To the left of the search bar, there are filter options: 'Field: Energy', 'Country: Germany', 'Developed In: Germany', and 'Source: Patentscope'. Below the search bar, there is a 'Filter' section with a 'Filter <<' button and a 'User uploads' checkbox. The main content area shows two search results. The first result is titled 'METHOD FOR UTILIZING THE WASTE HEAT OF A FUEL CELL REFORMER' and includes a technical diagram and an abstract. The second result is titled 'AIR EXCHANGE APPARATUS' and also includes a technical diagram and an abstract. On the left side of the interface, there is a sidebar with filter categories: 'Source' (Patentscope (971), User uploads (53)), 'Type' (Technology (971)), and 'Transportation (501)'. The sidebar is labeled with letters B, E, C, D, and A.

Filters: functions

Section	Function	Description
A	Filters	<ul style="list-style-type: none"> To apply a filter select the tick box on the left of the value. To remove a filter applied remove the unselect the tick box. Every time a filter is applied, results list is automatically refreshed. Only articles that match applied criteria are displayed in the list
B	Applied filters toolbar	<ul style="list-style-type: none"> Toolbar of filters in details user has applied. To remove a filter click the 'x' icon next to the filter. Every time a filter is added/removed, results list is automatically refreshed. Only articles that match applied criteria are displayed in the list
C	Search in filters	Use the search bar to search for specific values within filters. This is helpful in filters with large volume of values like country, companies where is not easy to locate a specific one. When user starts typing, only filters relevant to the search term are displayed.

D	Reset all	Click the 'Reset all' button to remove all filters applied.	
E	'Filters' button	<ul style="list-style-type: none"> Click the button to show/hide the filters. Number of applied filters is shown in the upper right corner of the frame. 	
	User uploads	Tick 'User uploads' box to see only articles submitted by WIPO GREEN users.	

Filters: List

Filter Name	Description	Applies on
Source	Source of the article. <ul style="list-style-type: none"> User Uploads: uploaded from a WIPO GREEN user Patentscope: technology imported from patentscope AUTM: technology imported from Association of University Technology Managers 	Technologies/Needs
Type	Type of article: <ul style="list-style-type: none"> Technology Need Knowledge Material 	Technologies/Needs/Knowledge Material
Collections	Collections are groups of needs and technologies from WIPO GREEN Acceleration Projects and other activities.	Technologies/Needs
Categories	Filter by WIPO GREEN technology categories and subcategories.	Technologies/Needs
Company	Search for technologies/needs uploaded by specific companies.	Technologies/Needs

Country/Territory	Location of company	Technologies/Needs
Developed in	Search for technologies/needs developed in specific countries	Technologies/Needs
Deployed In	Search for technologies/needs deployed in specific countries	Technologies
Readiness Level	Technology readiness level	Technologies
Type of Technology	Type of Technology	Technologies
Type of collaboration sought	Type of collaboration uploader is seeking	Technologies
Major environmental benefits	Major environmental benefits	Technologies
Type of technology transfer	Type of technology transfer	Needs
Type of finance		Technologies/Needs
Office	Intellectual property office	Technologies
Publication Date	Publication date of the article.	Technologies/Needs/knowledge Material
Featured	Articles marked as featured from WIPO GREEN team.	Technologies/Needs/knowledge Material

RESULTS PAGE

When the user makes a search, the Results page appears listing the technologies, needs and knowledge material identified sorted according to relevance determined by match to keywords.

The screenshot shows the WIPO GREEN search results page. The search bar contains the text "Search WIPO Green Database". The search results are displayed in a list format, showing two entries:

- Entry 1:** "Sprayer/Top Dresser Machine for Application of Treated Sand to Golf Course Turf". The executive summary states: "Currently, as a part of turfgrass installation and maintenance, topdressing sand and active ingredients (fungicide/growth regulators) are applied sequentially, requiring two passes over the turf. Carrying out these processes separately requires additional time to make two identical passes, leads to spray drift when spraying chemicals, and results in over-compaction of the soil. Our technology enables groundskeepers at places such as golf courses, to precisely apply..."
- Entry 2:** "Novel Environmentally Safe Coatings for Ceramic Films based on Unsaturated Oil". The short description states: "This NDSU invention is a ceramic precursor coating composition which can be used to form ceramic coatings having high tensile modulus and tensile strength while exhibiting a relatively moderate strain-at-break value. The coating composition includes an unsaturated oil stock and a sol-gel precursor which includes a mixture of at least two different sol-gel precursor species. The use..."

Pagination

Section	Icon	Description
A	⏪	Go back to the first page

<	Go to previous page
1 of 82 ▾	Current loaded page. Click the arrow button to select the number of page you would like to go.
>	Go to next page
>>	Go to last page
10 ▾	Number of records loaded per page. Click the down arrow to expand list and choose 10, 20, 30, 40 or 50 records.
814 results	Number of total results in the list
Sort by Published date X ▾	Sort results list. 'Published date' is the default value. List can also be sorted by: <ul style="list-style-type: none"> • Relevance • Category • Readiness Level • Deadline • Provider/Seeker • Source • Country
↓	Order of results: <ul style="list-style-type: none"> • ascending • descending

Results List

Screenshot below shows a single record displayed in result list, which consists of the following information:

- Thumbnail
- Article's Category and sub-category
- Title
- Short description
- Metadata (owner, publish date, source, type, etc.)

FARMING & FORESTRY > FARMING TECHNOLOGIES



Sprayer/Top Dresser Machine for Application of Treated Sand to Golf Course Turf

Executive Summary:

Currently, as a part of turfgrass installation and maintenance, topdressing sand and active ingredients (fungicide/growth regulators) are applied sequentially, requiring two passes over the turf. Carrying out these processes separately requires additional time to make two identical passes, leads to spray drift when spraying chemicals, and results in over-compaction of the soil. Our technology enables groundskeepers at places such as golf courses, to precisely apply ...

Owner: Michigan State University




Uploaded by: Unknown

Type: Technology

Source: AUTM

Published: Oct 31, 2019

ID 13320

- Click on the thumbnail or the title of the article to view more details. Result details page will be loaded.
- Click the  icon to add article in your bookmarks (see 'My Bookmarks' menu).
- Click the  icon to remove article to remove it from your bookmarks list.
- Click the  icon to open details page in a new tab.

PATENT2SOLUTION SEARCH

When an import from Patentscope has been selected for detailed view, the Patent2solution search option becomes available as a green box (see top red circle on the screenshot to the right). That the technology is a patent from Patentscope can be seen in the source field (lower red circle). The Patent2solution search function is only available for Patentscope imports. It does not require user login.

The Patent2Solution is a unique search function providing links to commercial sites which may be related to the patent chosen. It applies artificial intelligence functions and an elaborate Google search algorithm. The aim is bridge the gap between a patent and an actual solution available on the market. Due to legal constraints, WIPO GREEN cannot provide details of owners of patents from Patentscope, and the website link will therefore point to the relevant listing in the WIPO Patentscope database where contact information may be found. However, practical implementation of a patent may not be easily identifiable, and this is where the Patent2solution may help.

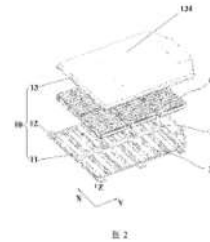
When clicking the green Patent2solution box, the search is automatically launched and a results page will be displayed (see below).

The results page shows the keywords identified by the artificial intelligence. These can be edited and a new search launched.

The results are listed in the way that the first 4 results are specifically targeting the company indicated as owner of the patent, if any. Thus, these 4 links will guide the user towards the company marketing that technology. The remaining links are to sites which may be of relevance to the technology described in the patent. Emphasis is on commercial sites. As patent information can be highly complex and of varying quality, the usefulness of the results may also vary. If no patent owner company is indicated in the patent, the likelihood of finding an exact match decreases. The Patent2Solution search function is developed by WIPO GREEN and is provided for assistance only.


BATTERY PACK AND VEHICLE

TRANSPORTATION > ELECTRIC/ HYBRID VEHICLES



Description Details

Provided are a battery p. cover (13), the case body space to separate the ac extending in a first direc fixed to the bottom wall multiple battery module corresponding accommc ends of the mounting be external force, the moun entire, or parts of the, ba battery pack.



ID	06629
Applicant	CONTEMPORARY AMPEREX TECHNOLOGY CO., LIMITED
Uploaded by	WIPO GREEN Import
Type	Technology
Source	Patentscope

Patent2Solution

Patent2Solution is a unique search function providing links to commercial sites which may be related to the patent chosen. It applies artificial intelligence functions and an elaborate Google search algorithm, but due to the variety and complexity of patents, it may not always produce useful results. The emphasis is on providing a commercial link to a patent. If no patent owner company is indicated in the patent, the likelihood of finding an exact match decreases.

Patent2Solution is developed by WIPO GREEN and is provided for assistance only. Feedback on how you use this function and whether you find it useful are highly appreciated. You can write to info@wipogreen.int.

Disclaimer

Hyperlinks to other websites are provided as a convenience only, and imply neither responsibility for, nor approval of, the information contained in those other web sites on the part of WIPO. WIPO makes no warranty, either express or implied, as to the accuracy, availability, reliability or content of such information, text, graphics and hyperlinks. WIPO has not tested any software located on other sites and does not make any representations as to the quality, safety, reliability or suitability of such software.

Results related to **BATTERY PACK AND VEHICLE**

Editable keywords used:

(54) Total results

Page 1 of 6 << < 1 2 3 4 5 > >>

www.catl.com >

CATL

Contemporary Amperex Technology Co., Limited (CATL), a global leader in lithium-ion battery development and manufacturing, is committed to providing ...

Source: GOOGLE

www.bloomberg.com > quote > 300750:CH

300750: Contemporary Amperex Technology Co Ltd Stock Price ...

300750:CHShenzhen. **Contemporary Amperex Technology Co Ltd.** COMPANY INFO ... Before it's here, it's on the Bloomberg Terminal. Learn More.

Source: GOOGLE

www.catl.com > en > about > profile >

Company Profile

Contemporary Amperex Technology Co., Limited (CATL), a global leader in lithium-ion battery development and manufacturing, is committed to providing ...

Source: GOOGLE

finance.yahoo.com > quote > 300750.SZ >

Contemporary Amperex Technology Co., Limited (300750.SZ) Stock ...

Contemporary Amperex Technology Co., Limited (CATL) announced that its Ningde facility has been recognized by the World Economic Forum (WEF) as a global ...

Source: GOOGLE

www.marklines.com > en > report_all > Munro003_201710

BMW i3 aluminum chassis frame: Drive Module characteristics ...

Oct 27, 2017 ... The rear of the frame is made from aluminum die cast, on which the five-link rear suspension system is **mounted** as well as all of the **electric** ...

Source: GOOGLE

media.chevrolet.com > media > us > en > gm > autoshow > detroit.detail.html > content > Pages > news > us > en > 2013 > Jan > 13naias > elr > 0115_ELR_drive.html

Electrified ELR's Driving Experience is Pure Cadillac

Jan 15, 2013 ... DETROIT – The 2014 Cadillac ELR electrified compact luxury coupe drives **with** the performance-bred DNA of all the brand's **vehicles**, ...

Source: GOOGLE

www.assemblymag.com > articles > 96600-reducing-weight-of-electric-vehicles

Reducing Weight of Electric Vehicles | 2021-09-09 | ASSEMBLY

Sep 9, 2021 ... **Automotive** engineers on the lightweighting journey are faced **with** a similar quandary. Today, **cars** and trucks use more lightweight materials than ...

Source: GOOGLE

media.gmc.com > Pages > news > us > en > 2014 > Feb > napa > gmc > 0224-2015-yukon-ride-handling.html

Stronger Chassis, Enhanced Body Structure Contribute to Greater ...

Stronger Chassis, Enhanced Body Structure Contribute to Greater Comfort, Quietness **in** 2015 GMC Yukon/Yukon XL. 2014-02-24. Back. Print | Send ...

Source: GOOGLE

SAVED SEARCHES

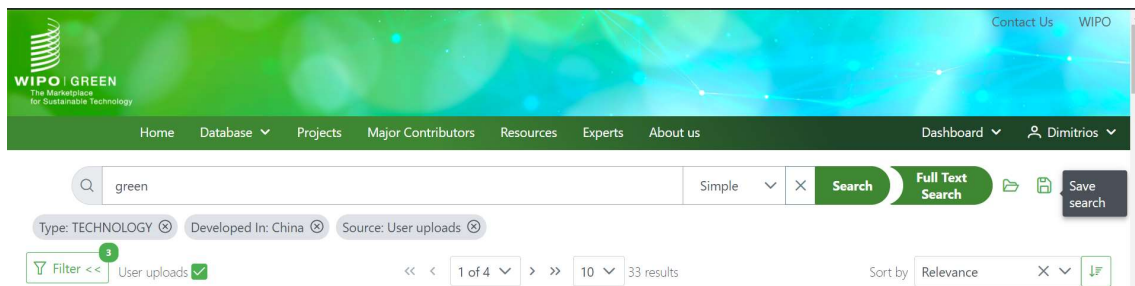
Saved searches allow you to store the criteria for searching for articles in WIPO GREEN database so that you can perform the same search later without re-entering it. This can be particularly useful for complex queries that you intend to use repeatedly. They are an efficient way to save time and typing on searches you run frequently.

SAVE A SEARCH

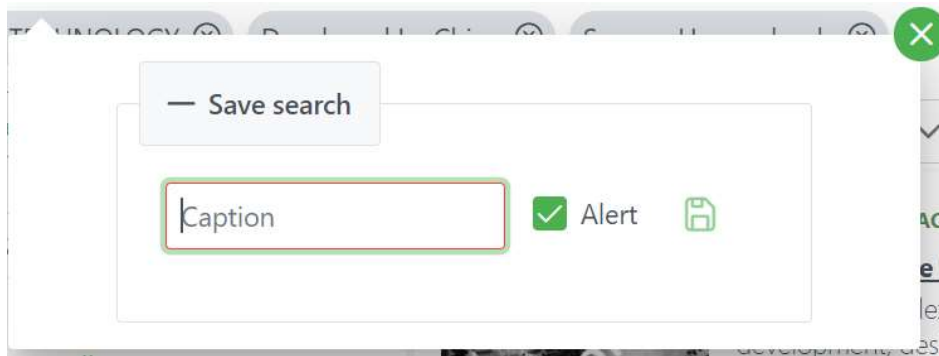
To save a search any of the following must occur:

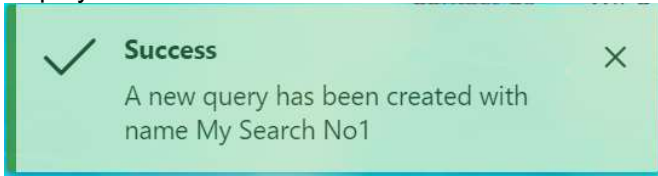
- Run a simple, advanced or full text search
- Apply one or more filters
- Run a simple, advanced or full text search and apply one or more filters

When you have entered all the search criteria, click the 'Save Search' icon.



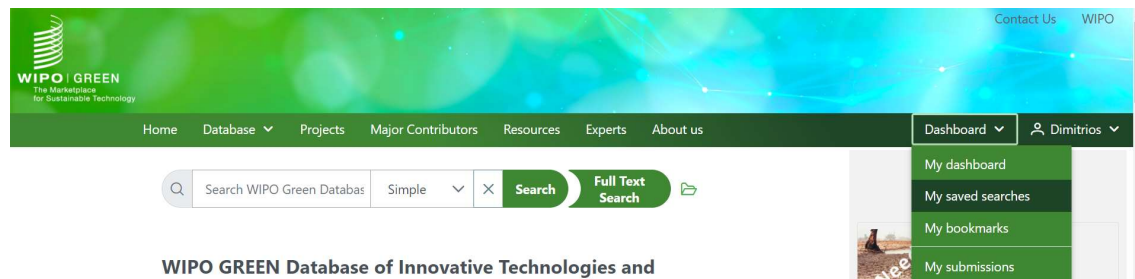
'Save Search' window opens.



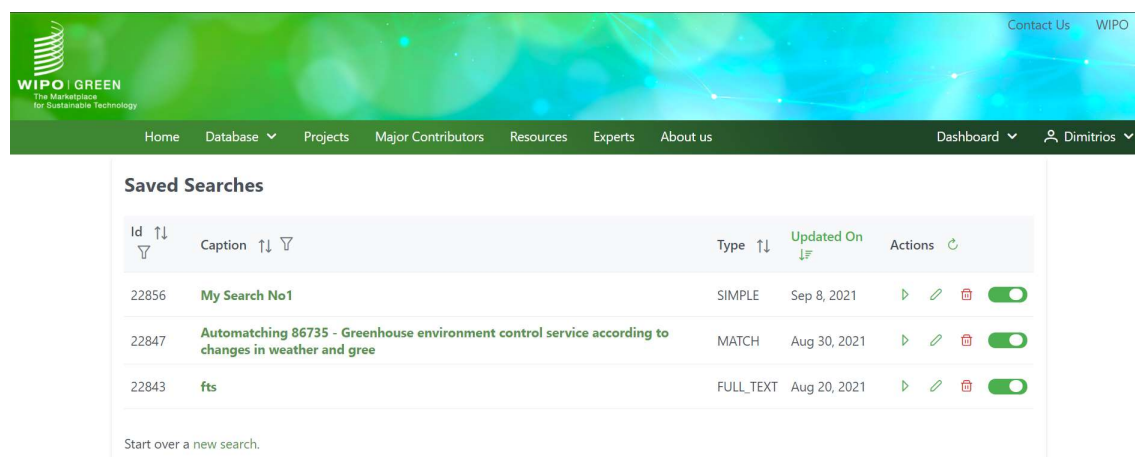
Fields/Button	Description
Caption	Enter the name of the query.
Alert	Select the tick box to receive email notifications when new articles are uploaded in WIPO GREEN database that match your search criteria. Process runs once a day.
Save	Click button to save your work. A pop-up confirmation window will be displayed 
Close	Click button to close the popup window and discard your work.

'MY SAVED SEARCHES' PAGE

To view all the searches you have saved click 'My Saved Searches' menu under 'Dashboard'.




'My Saved Searches' page is loaded.



Available actions are listed in following table:

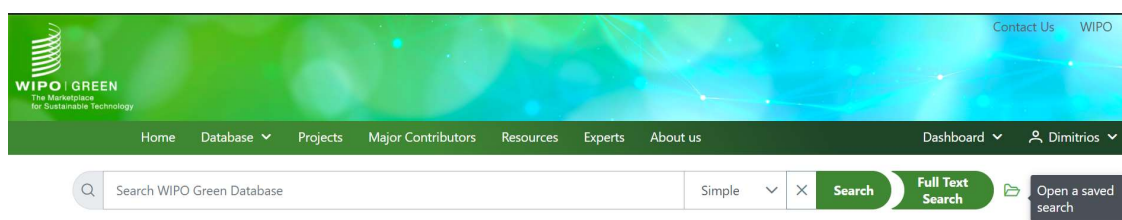
Action	Icon	Description
Open		Run the saved search. Results page with results matching to the search criteria are displayed.
Rename		Rename the saved search.
Delete		Delete the saved search. Saved search cannot be recovered.
Disable Alert		Alert option of the saved search is currently active. Click to deactivate the alerts.
Enable Alert		Alert option of the saved search is currently inactive. Click to activate the alerts and receive notifications when new articles are

		uploaded in WIPO GREEN database that match your saved search criteria.
Refresh list		Click to refresh 'My Saved Searches' page.
New search	Start over a new search.	Click to initiate a new search in WIPO GREEN database. Results page is loaded.

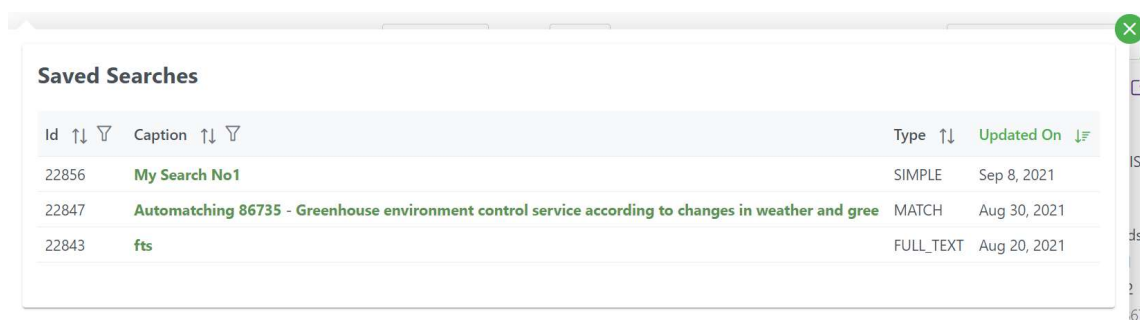
RUN A SAVED SEARCH

There are two ways to run a saved search:

1. From 'My Saved Searches' page (see 'My Saved Searches' paragraph' above)
2. From any page when search bar is displayed (home page, results page, category page).



Click the 'Open a saved search' button. 'Saved Searches' window opens.



Click on the name of the saved search you want to run. Results page with articles matching the criteria applied are displayed in the result list. In addition, filters and keywords applied are visible.

SAVED SEARCH TYPES

There are three types of saved searches:

Type	Description
Simple	Created manually when any of the following is used: <ul style="list-style-type: none"> - simple search - advanced search - filters
Full text	Manually created when full text search is used
Match	System created when user publishes an article in WIPO GREEN database.

Tip: Only up to five saved searches of type 'Simple' and 'Full text' in total can have the alerts activated. There is no limitation for saved searches of type 'match'.

DETAILS PAGE

When an article is opened a result details page appears with all information related to that particular technology/need/knowledge material.

Information displayed in details page depends on whether you are:

- a visiting user
- the user who submitted the article in WIPO GREEN database

DETAILS PAGE – VISITING USER

The screenshot shows the WIPO GREEN interface. At the top, there is a navigation bar with links like Home, Database, Projects, Major Contributors, Resources, Experts, About us, and a user profile for Dimitris. The main heading is 'Electrode Material for Rechargeable Battery 6 - Positive electrode material for rechargeable battery, method for manufacturing the material, and rechargeable lithium ion battery'. Below this, there is a breadcrumb trail 'ENERGY > ENERGY STORAGE' and a search bar (A). A graph (C) shows a plot of current density vs. potential. A description (B) follows, detailing the material's structure and composition formula. A metadata table (D) lists fields like ID (11238), Owner (Fujitsu Limited), Type (Technology), Source (User uploads), Published (Nov 24, 2017), and Updated (Jan 10, 2018). At the bottom, there are two buttons: 'EMAIL OWNER' (E) and 'VISIT WEBSITE' (F), both for Fujitsu Limited.

A. Details Page: Actions toolbar

Icon	Label	Description
	Back to search	Go back to results list page
	Previous	Go to the details page of the previous article in results list
	Next	Go to the details page of the next article in results list
	Add to bookmark	Add article in your bookmarks list (see 'My Bookmarks')
	Remove from bookmarks	Article exists in your bookmarks list. Click to remove it.
	Flag	Report article to WIPO GREEN. <ol style="list-style-type: none"> 1. When icon is clicked 'Flag article' window opens. 2. Select a reason why you report the article 3. Add comments in 'Please justify' field. 4. Click 'Send' button. An e-mail will be sent to WIPO GREEN 5. An e-mail notification will be send to WIPO GREEN Administrator to assess. You will receive a copy of the notification.

Flag article (Electrode Material for Rechargeable Battery 6 - Positive electrode material for rechargeable battery, method for manufacturing the material, and rechargeable lithium ion battery) ×

Reason for flagging the article:

Not green
 Not serious
 Intellectual property issue
 Other

Maximum 250 characters

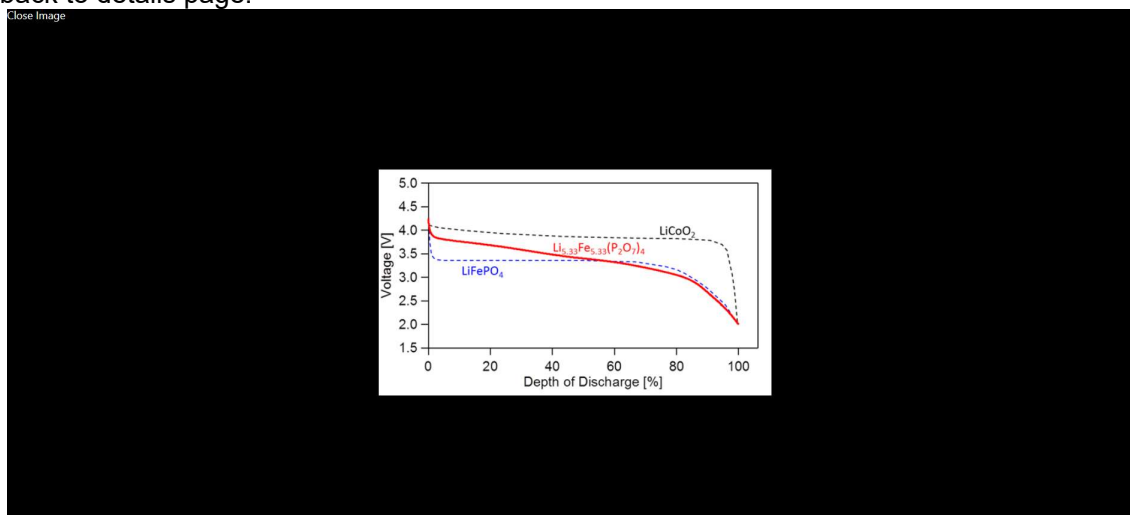
Please justify:

B. Details Page: Tabs

Article detailed information is displayed in tabs. 'Description' is the default tab. To change tab simply click on the tab name.

C. Details Page: Image thumbnail

Click the thumbnail to view it in large. Click 'close image' option on the left top corner to go back to details page.



D. Details Page: Owner

Click the name to view more articles uploaded by specific owner. You will be redirected in results page.

E. Details Page: Email owner (Contact owner)

Contact the owner to learn more about the technology/need.

1. Click the 'Email Owner' icon.
2. 'Contact a technology provider' window will open.
3. Type your message in 'Message' field.
4. Click 'Contact the provider' button. An email notification will be sent to the owner of the technology with your message and details (name, company, email).

Contact a technology provider [Close]

To

Provider of **New technology dedicated to reduce carbon emission to atmosphere and recycle PVC waste.**

Message* Maximum 4000 characters

From

Name

Email address

Company

F. Details Page: Visit Website

Click this option to visit owner's website. Website will open in a new browser tab.

DETAILS PAGE – UPLOADER OF ARTICLE

When the user opens one of the technologies s/he has uploaded, all details of the upload would be displayed with an edit option, alongside statistics on how many views of this upload, likes, and contact messages received, and when last opened.


Home Database Projects Major Contributors Resources Experts About us Dashboard Dimitris

Lightweight Green Roof Media

BUILDING & CONSTRUCTION > BUILDINGS

✎ ☆ 🗑 **A**

Description Benefits Other Information Matching needs Similar technologies Statistics **B**



ID 71566
Owner DVERV
Type Technology
Source User uploads
Published Jul 29, 2021
Updated Sep 9, 2021




Background:
 Green roofs are an eco-friendly alternative to the heat-reflecting roofing options that adorn most urban and suburban buildings. By utilizing the natural cooling properties of soil, green roofs provide an aesthetically pleasing option that boasts enhanced storm water management, efficient building insulation, evaporative cooling for the plants grown on the roof, improved roof longevity, an urban habitat for wildlife such as birds and pollinators, and an added feature for developers on more buildings. However, current soil media used in green roofs is heavy and cumbersome for buildings that are not specifically designed to support their added weight.

Summary:
 This cost-effective new soil media consists of a nutrient-rich composition that weighs 50% less than typical green roof soil media on the market. The lightweight nature of this soil media allows buildings to be retrofitted to support green roofs without negatively affecting the existing infrastructure. Additionally, the soil mixture is so fertile that it can be used as potting soil and in nurseries as well.

Potential Applications:
 - Green roof manufacturing
 - Urban and residential contracting

EMAIL OWNER **NO WEBSITE**
 DVERV

A. Actions toolbar

Icon	Label	Description
	Edit	<ul style="list-style-type: none"> Submit page will open to edit the article details. Article status is updated to 'Draft' and it will not be visible in WIPO GREEN database to other users until it is published again.
	Add to bookmarks	Add article in your bookmarks list (see 'My Bookmarks')
	Remove from bookmarks	Article exists in your bookmarks list. Click to remove it.

B. Tabs

Tabs in 'Technology' articles

Tab	Visible by:	Description
Description	All users	
Benefits	All users	
Other Information	All users	Attached files
Matching Needs	Submitter	List of matching needs uploaded in WIPO GREEN database by other users.
Similar technologies	Submitter	List of similar technologies uploaded in WIPO GREEN database by other users.
Statistics	Submitter	Statistics about the technology (number of views, last viewed date, number of bookmarks, etc.)

Tabs in 'Need' articles

Tab	Visible by:	Description
Description	All users	

Details	All users	
Other Information	All users	
Support	All users	
Attachments	All users	
Matching technologies	Submitter	List of matching technologies uploaded in WIPO GREEN database by other users.
Similar needs	Submitter	List of similar needs uploaded in WIPO GREEN database by other users.
Statistics	Submitter	Statistics about the technology (number of views, last viewed date, number of bookmarks, etc.)

CATEGORY PAGE

When the category tile in home page is clicked, the user is taken to a Category Page. This is a place where the user can get a quick overview of a technological area and what WIPO GREEN has to offer. Page guides the user further into a green technology area.

The screenshot displays the WIPO GREEN website interface for the 'ENERGY' category. At the top, a navigation bar includes 'Home', 'Database', 'Projects', 'Major Contributors', 'Resources', 'Experts', and 'About us'. Below this is a search bar with the text 'Search WIPO Green Database' and options for 'Simple' and 'Full Text Search'. A sidebar on the left lists 'Sub-categories' such as Solar, Wind, Hydropower, Thermal, Geothermal, Wave/Tidal/Ocean, Biomass/Bioenergy, Waste to energy, Waste heat recovery, and Energy. The main content area features a green header for 'ENERGY' followed by a descriptive paragraph. Below this are two columns: 'WIND' and 'SOLAR'. Each column includes a brief description, a 'FEATURED TECHNOLOGIES/NEEDS' section with a 'TECHNOLOGY' tag, and a snippet of an article. The 'WIND' section highlights 'Nabralift' technology, and the 'SOLAR' section highlights 'ROOF INSTALLED WITH SOLAR BATTERIES'. On the right side, a 'KNOWLEDGE MATERIALS' section lists several articles with dates, including 'Green Technology Diffusion: The Case of Arivi Paraffin Cookstoves' and 'Transforming Greenhouse Gas Emissions into Energy'.

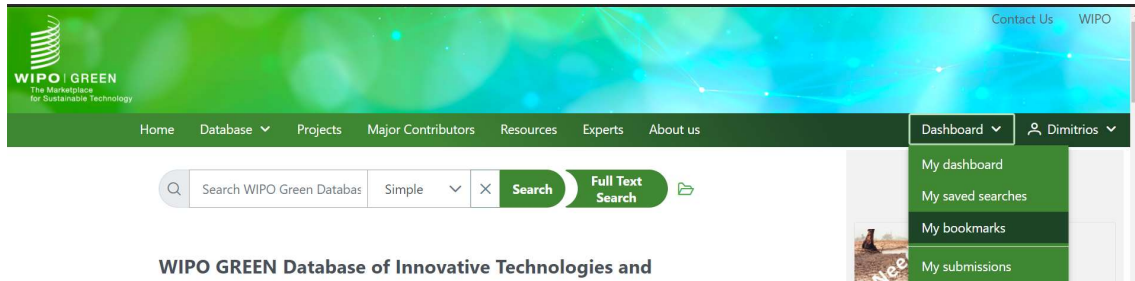
This page contains the following elements:

- Search interface for the three search options (simple, advanced, full text search). Initiating a search from a category page, articles shown in results page are filtered by that category by default.
- Table list with all sub-categories. Click on a sub-category and you will be redirected in results page showing relevant articles.
- Knowledge material (uploaded from WIPO GREEN) relevant to green technology.
- Tiles of the most popular sub-categories listing featured and the latest uploaded articles in WIPO GREEN database.

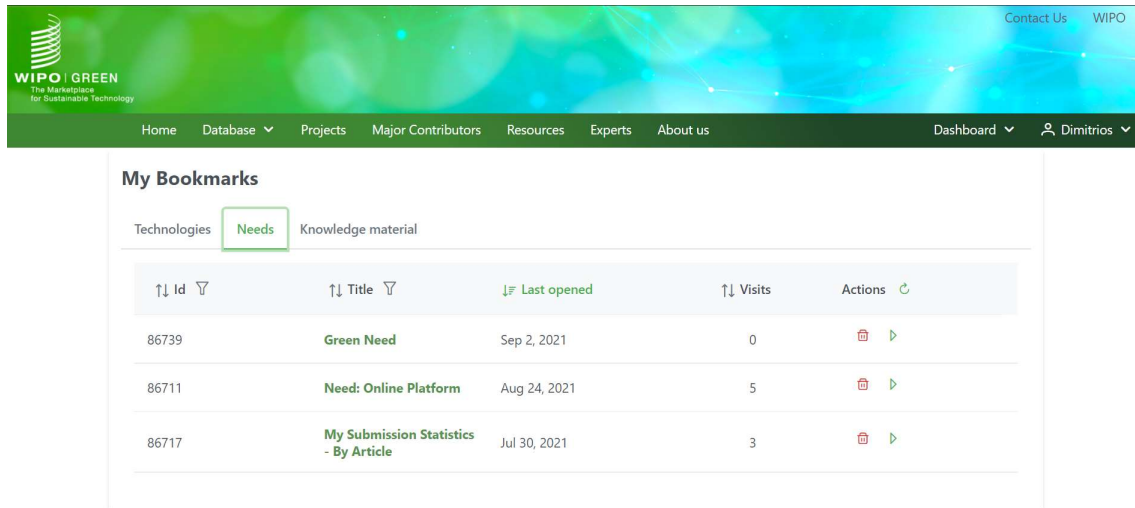
'MY BOOKMARKS' PAGE

In 'My bookmarks' page user can view and maintain all bookmarked articles.

Click 'My bookmarks' option under 'Dashboard' menu.



My Bookmarks page is loaded.



Bookmarks are divided in three tabs, one per article type (i.e. Technologies, Needs, Knowledge material).

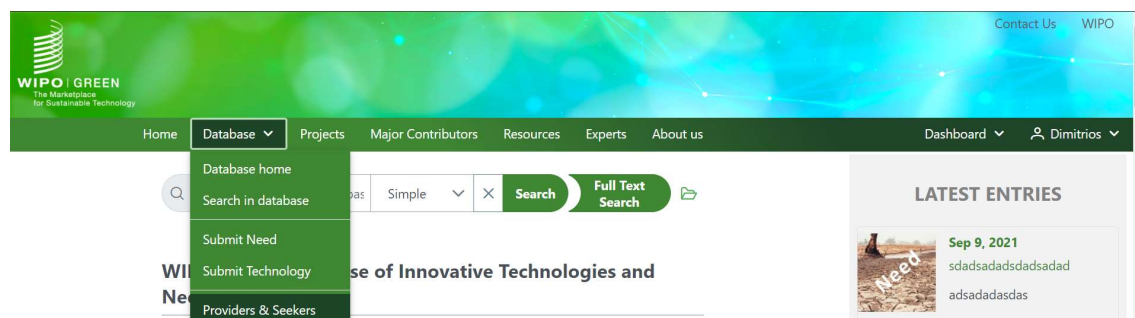
Options available in 'My Bookmarks' page:

option	Icon	Description
Tabs	Technologies Needs Knowledge material	Click on a tab name to view articles of that type.
Delete		Delete bookmark. Article is removed from your bookmarks list
Open submission		Opens the details page of the article. Same this happens if you click the title of the article.
Refresh list		My Bookmarks page is reloaded.

'PROVIDERS & SEEKERS' PAGE

Providers & Seekers page is a full list of technologies/needs in aggregate numbers on owner (company/individual) level.



Page is accessible via 'Providers & Seekers' option under 'Database' menu.



The screenshot shows the 'Providers and Seekers' table on the WIPO GREEN website. The table has four columns: 'Name', 'Country', 'Technologies', and 'Needs'. The data is as follows:

↑↓ Name	↑↓ Country	↑↓ Technologies	↑↓ Needs
Chemexon Chemicals Pvt Ltd Trading as Chemexon Africa Partners	Zimbabwe	0	2
BENMORE VENTURES LIMITED	Virgin Islands, British	1	0
BREEZE GLOBAL, INC.	Virgin Islands, British	1	0
C. EN. LIMITED	Virgin Islands, British	4	0
CLARIANT FINANCE (BVI) LIMITED	Virgin Islands, British	1	0
CLIPEX IP LIMITED	Virgin Islands, British	1	0

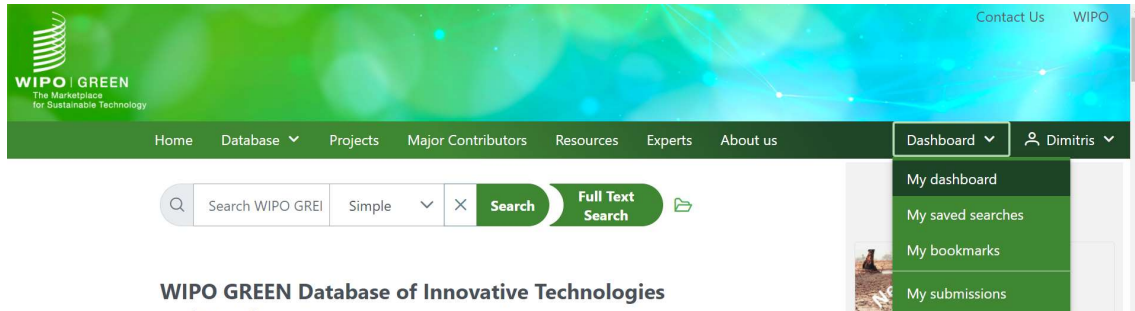
Actions available in Providers and Seekers list:

- Search the list by 'Name'. Click the  icon.
- Search the list by 'Country'. Click the  icon.
- To see all uploads of a company/individual click on the name.
- To see all technologies of a company/individual click the counter in 'Technologies' column.
- To see all needs of a company/individual click the counter in 'Needs' column.

'MY DASHBOARD' PAGE

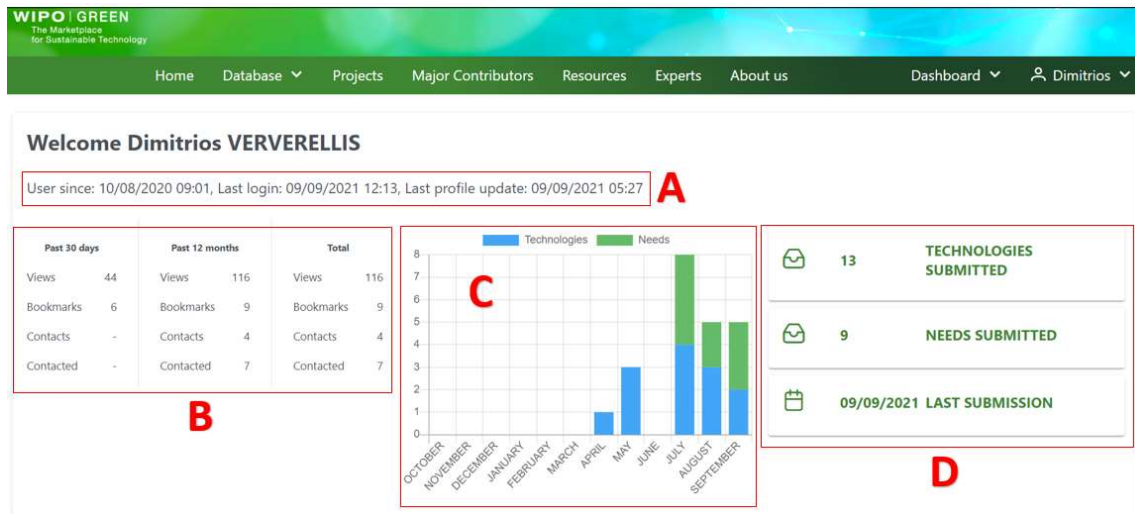
The main user interaction and management tool is the User Dashboard. The Dashboard is similar to what can be found in many online services where all information relevant to that particular user is amalgamated into one place.

Click 'My Dashboard' option under 'Dashboard' menu. My Dashboard' page is loaded.



MY DASHBOARD' SECTIONS

User Statistics Overview



In the top area of 'My Dashboard' page, you can see an overview of your profile activity in WIPO GREEN database:

- Date statistics (user since, last login, last profile update)
- Total number of views, bookmarks, times contacted or being contacted from other WIPO GREEN users in intervals (past 30 days, past 12 months, since registered)
- Graph with number of articles you uploaded in the past twelve months.
- Overall statistics about articles you have uploaded.

My Submission Statistics: By article

My Submissions Statistics

By Article

Name ↑↓	Visits ↓↑	Bookmarks ↑↓	Contacts ↑↓
↓ Need: Online Platform European Dynamics WIPO Undefined company > Technology Online platform > ENERGY-CONSERVATION EMISSION-REDUCTION WASTE GAS TREATMENT SYSTEM	30 22 8 0 12 9	6 3 2 1 1 0	3 0 3 0 1 0

A (points to the header row)
B (points to the 'Visits' column)
C (points to the expandable article name)

In My Submissions Statistics – By Article table you can view statistics about your most ‘active’ uploads’ in terms of visits, bookmarks and times contacted by other WIPO GREEN users.

- A. For each article (‘Name’ column) you can see details about the number of times it has been viewed (‘Visits’ column), the times it is currently bookmarked (‘Bookmarks’ column) and the times you have been contacted for the specific article (‘Contacts’ column) by other WIPO GREEN users.
- B. For each record (article) in the table, you see the total numbers of visits, bookmarks and contacts.
- C. To drill down click the arrow icon located on the left of article’s name. At this level, you can see the names of the companies that are interested about your article either by viewing, bookmarking and/or by contacting you via WIPO GREEN database.

My Submission Statistics: By Company

WIPO GREEN The Marketplace for Sustainable Technology

Home Database Projects Major Contributors Resources Experts About us Dashboard Dimitrios

By Company

Name ↓↑	Visits ↑↓	Bookmarks ↑↓	Contacts ↑↓
↓ WIPO Technology Online platform Need: Online Platform My Submission Statistics – By Article IP info > Undefined company > European Dynamics	17 5 8 3 1 0 94	5 1 2 1 1 1 9	5 1 3 1 0 0 2

‘My Submissions Statistics – By Company’ table is the other way around from ‘My Submissions Statistics – By Article’ described in the above paragraph. In this table, you can view statistics about the most ‘active’ users and their interest in the articles you have uploaded in WIPO GREEN database. Table shows the total number of times a company has

visited, bookmarked and/or contacted you. Click on the arrow located on the left of company name and you can see how these totals are distributed among your articles.

Similar Submissions

The screenshot displays the 'Similar Submissions' section of the WIPO GREEN website. At the top, there is a navigation bar with 'WIPO GREEN' and 'The Marketplace for Sustainable Technology'. Below this, a filter bar allows users to select article types (Technology, Need, Knowledge material) and sources (Patentscope, User uploads, AUTM). The main content area lists three articles:

- SOLAR CELL ARRAY**: A solar cell array (10) where the reflector (25) has a first and a second reflecting side when the reflector (25) is in a *deployed* position. Preferably, the first and second reflecting sides of the reflector (25) are substantially symmetrically disposed about the longitudinal bisecting plane of the reflector (25) when the reflector (25) is in the *deployed* position. The reflector (25) is mounted so that the first side of the reflector (25) is adjacent to a row of solar cells (13), and the first r ...
- PHOTOVOLTAIC POWER APPARATUS FOR RAPID DEPLOYMENT**: A rapidly *deployed* photovoltaic (PV) apparatus (2) providing a PV array (10) housed within an easily transportable standardized container. The PV array (10) is movable between a stowed position in a V-shape configuration and a fully *deployed* flat position. Dual function hydraulic cylinders are provided for movement of the array (10) in the fully *deployed* position and movement of the container when the array (10) is in the stowed position. Solar tracking of the array (10) is facilitated by linear ...
- SCOOTER WITH DEPLOYABLE PHOTOVOLTAIC CHARGING**

Each article entry includes a thumbnail image, a brief description, and metadata such as Owner, Uploaded by, Type, Source, and Published date. On the right side of the interface, there are sections for 'Relevant Collections' and 'Related uploaders', both of which are currently empty.

In this section a list of articles similar to your uploads is displayed. A natural language processing engine runs in the background, content and categories of each article is analysed and along with other parameters a search is executed within WIPO GREEN database and similar submissions to your uploads are identified.

Filter functionality is available in this section. Filters available are the following:

- Technology (article type) – selected by default
- Need (article type) – selected by default
- Knowledge material (article type) – selected by default
- Patentscope (source)
- User upload (source)
- AUTM (source)

Relevant Collections

The screenshot shows the WIPO GREEN website interface. At the top, there is a navigation bar with 'WIPO GREEN' logo and menu items: Home, Database, Projects, Major Contributors, Resources, Experts, About us, Dashboard, and a user profile 'Dimitrios'. Below the navigation bar, there are search filters: 'Technology' (checked), 'Need' (checked), 'Knowledge material' (checked), 'Patentscope' (unchecked), 'User uploads' (unchecked), and 'AUTM' (unchecked). The main content area displays three search results:

- SOLAR CELL ARRAY**: A solar cell array (10) where the reflector (25) has a first and a second reflecting side when the reflector (25) is in a **deployed** position. Preferably, the first and second reflecting sides of the reflector (25) are substantially symmetrically disposed about the longitudinal bisecting plane of the reflector (25) when the reflector (25) is in the **deployed** position. The reflector (25) is mounted so that the first side of the reflector (25) is adjacent to a row of solar cells (13), and the first r ...
- PHOTOVOLTAIC POWER APPARATUS FOR RAPID DEPLOYMENT**: A rapidly **deployed** photovoltaic (PV) apparatus (2) providing a PV array (10) housed within an easily transportable standardized container. The PV array (10) is movable between a stowed position in a V-shape configuration and a fully **deployed** flat position. Dual function hydraulic cylinders are provided for movement of the array (10) in the fully **deployed** position and movement of the container when the array (10) is in the stowed position. Solar tracking of the array (10) is facilitated by linear ...
- SCOOTER WITH DEPLOYABLE PHOTOVOLTAIC CHARGING**: (Owner: Contact 30513)

On the right side, there are two panels: 'Relevant Collections' with a 'More' button, and 'Related uploaders' with a list of company names: Contact 110951, Contact 45942, Contact 30513, Contact 106371, Contact 28653, Contact 47661, Contact 50225, and Contact 85931.

List displays collections of needs and technologies from WIPO GREEN Acceleration Projects and other activities.

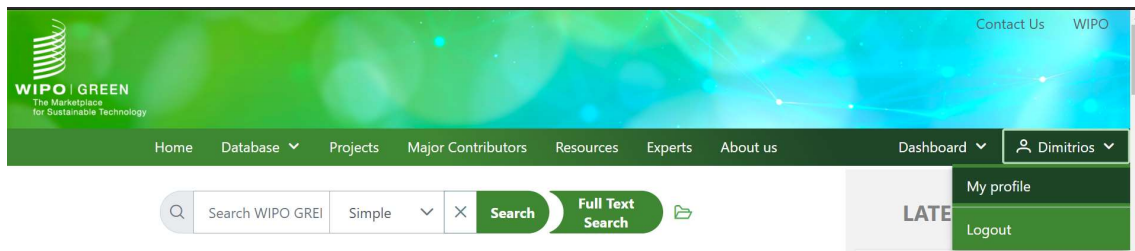
Related Uploaders

This screenshot is identical to the one above, showing the same search results and filters. However, a red rectangular box highlights the 'Related uploaders' panel on the right side of the page, which lists the following company contacts: Contact 110951, Contact 45942, Contact 30513, Contact 106371, Contact 28653, Contact 47661, Contact 50225, and Contact 85931.

'Related uploaders' list shows companies whose uploads are related to your uploads. Click on a company name and you will be redirected to a results page loaded with the uploads of the selected company.

'MY PROFILE' PAGE

To view your WIPO GREEN account click 'My Profile' option under Log in menu.



WIPO GREEN profile is loaded.

The screenshot displays the 'Edit your profile' page. It is divided into two main sections: 'Company Information' and 'WIPO Account Information'. The 'Company Information' section contains several text input fields for 'Company or Organization', 'Address', 'Town or city', 'Postal code', and 'State or province'. The 'WIPO Account Information' section displays a list of personal details including 'Title', 'Given name', 'Family name', 'Address', 'Town or city', 'Postal code', 'State or province', 'Country', 'Telephone', 'Email address', and 'Job title'. A 'Save' button is located at the bottom of the 'WIPO Account Information' section.

Type	Status
<input checked="" type="checkbox"/> Submit technologies	Granted
<input checked="" type="checkbox"/> Submit needs	Granted
<input checked="" type="checkbox"/> Contact a provider or seeker	Granted

UPDATE 'COMPANY INFORMATION' SECTION OF YOUR WIPO GREEN ACCOUNT
Update any of the fields in specific section. Click the 'Save' button.

UPDATE WIPO GREEN SERVICE PERMISSIONS

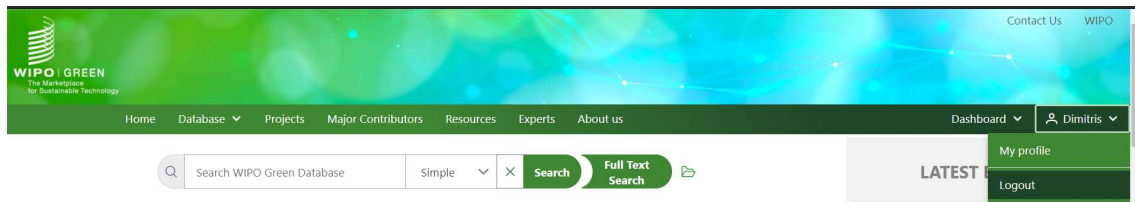
Select or unselect the tick box of the service types you want to add or remove. Click the 'Save' button. Status is updated to 'Pending' and a request is sent to WIPO GREEN Administrator. Administrator will manually assess your request. You will receive an automated notification whether your request was approved or rejected.

UPDATE WIPO ACCOUNT

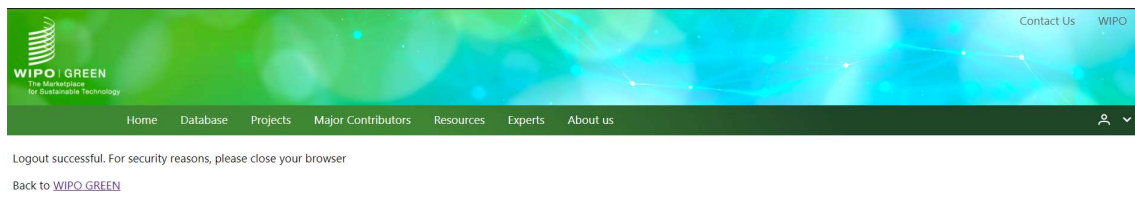
Click the 'Edit your personal profile' link to edit your WIPO account.

LOG OUT FROM WIPO GREEN DATABASE

To log out from WIPO GREEN database click the 'Log out' option under User menu



Log out confirmation page is loaded.



Thank you for selecting WIPO GREEN – The Marketplace for Sustainable Technologies!

For questions, feedback and technical enquiries:

Please contact the WIPO GREEN team at wipo.green@wipo.int