

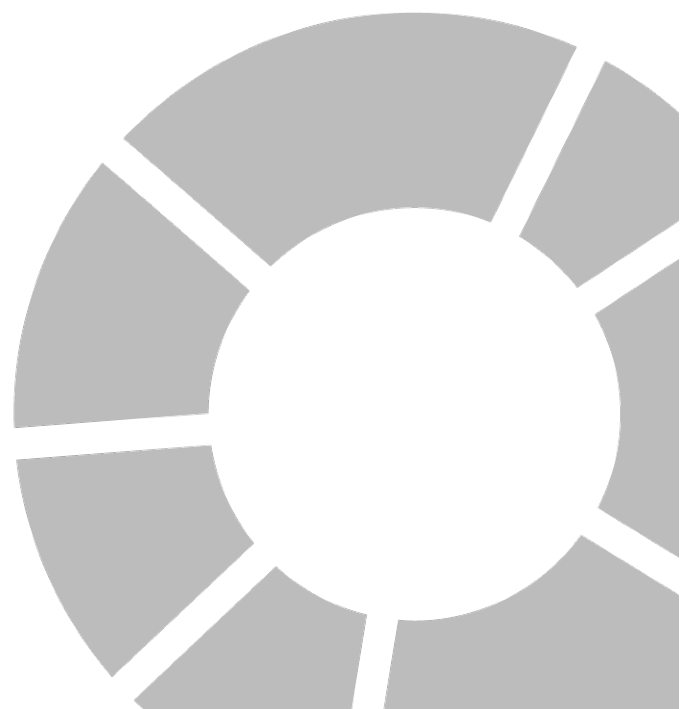
METABUILDING PLATFORM USER GUIDE

Grant Agreement No.: 873964

Project acronym: **METABUILDING**

Document Created: January 2023

: Adeel Ahmed (Ecowise)



Contents

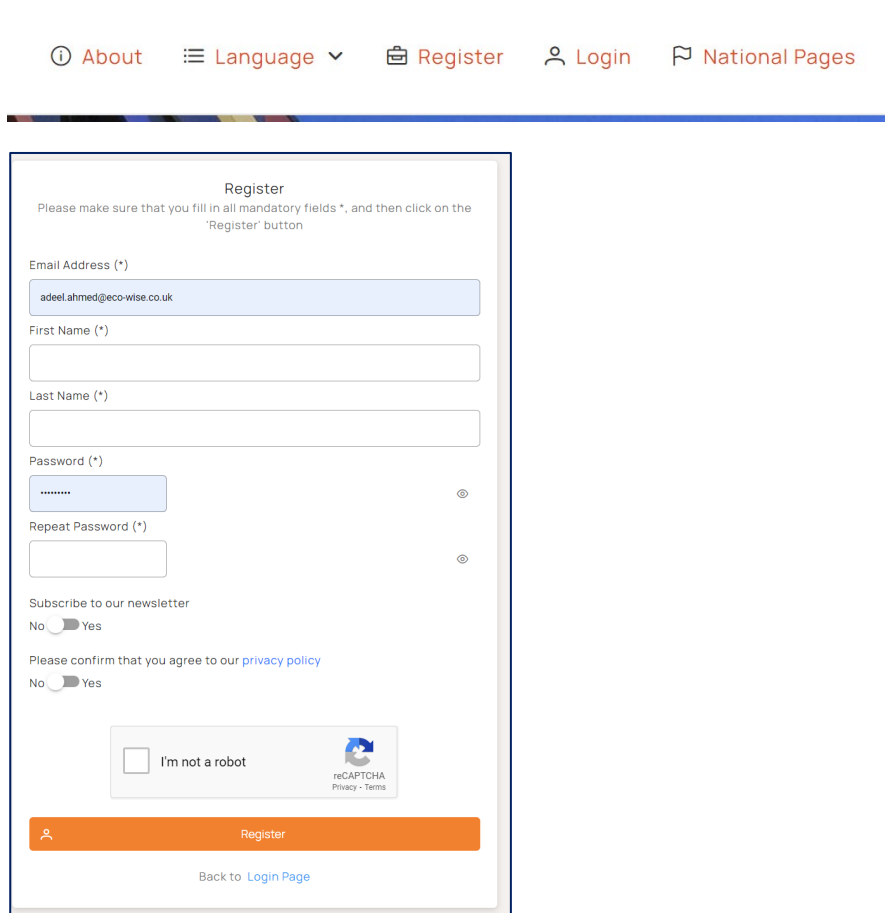
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1- REGISTRATION

<https://www.metabuilding.com/>

Click on “Register” tab from the menu bar and complete the form



Register

Please make sure that you fill in all mandatory fields *, and then click on the 'Register' button

Email Address (*)

First Name (*)


Last Name (*)

Password (*)

Repeat Password (*)

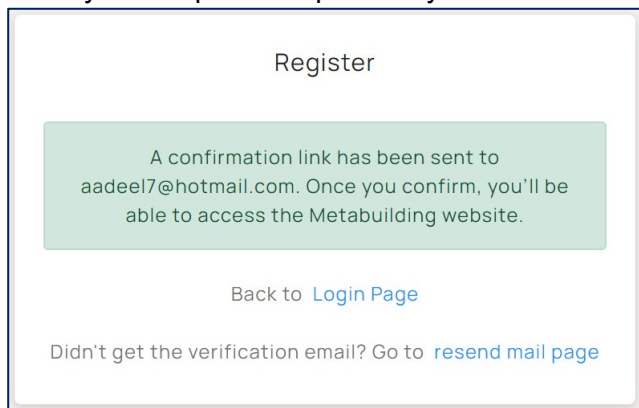
Subscribe to our newsletter
 No Yes

Please confirm that you agree to our [privacy policy](#)
 No Yes

I'm not a robot 

[Back to Login Page](#)

Once you complete the process you will receive a verification email



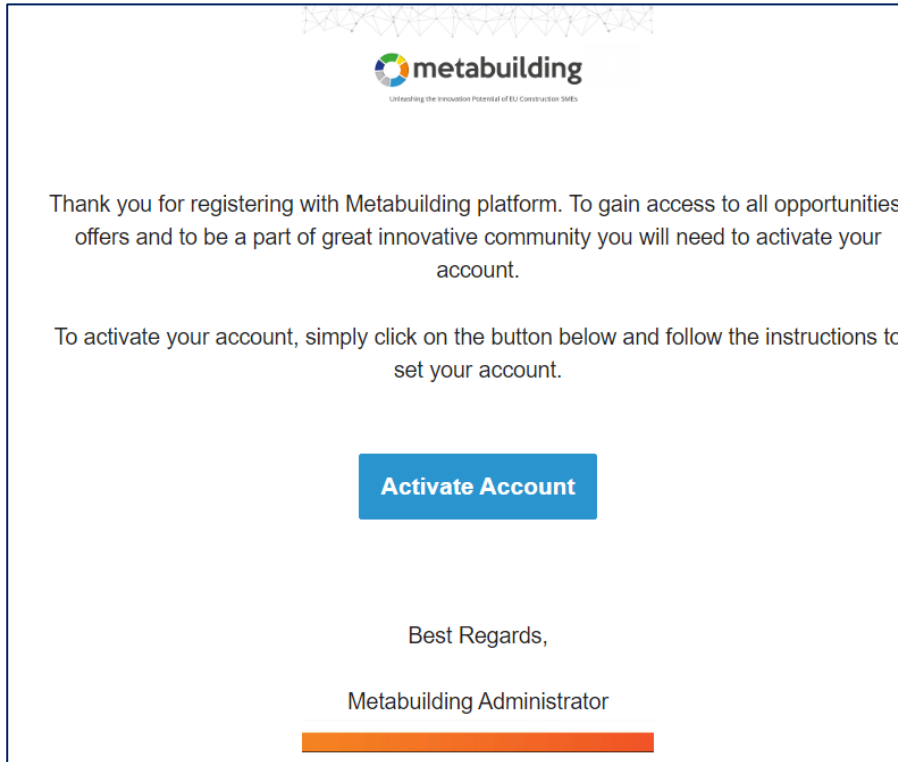
Register

A confirmation link has been sent to aadeel7@hotmail.com. Once you confirm, you'll be able to access the Metabuilding website.

[Back to Login Page](#)

Didn't get the verification email? Go to [resend mail page](#)

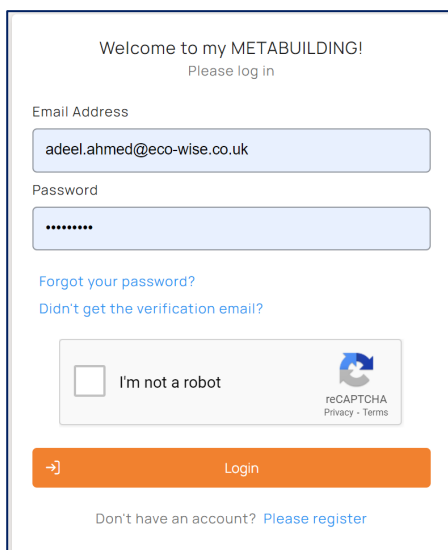
Verify and activate your account



2- LOGIN



Use login tab to access your account

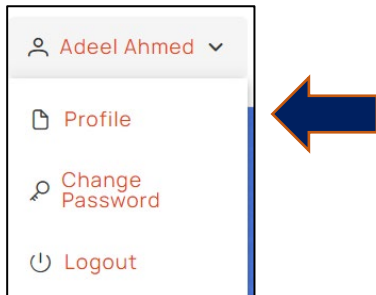


The image shows a login form titled "Welcome to my METABUILDING! Please log in". It contains the following elements: an "Email Address" field with the value "adeel.ahmed@eco-wise.co.uk"; a "Password" field with masked characters "....."; a link for "Forgot your password?"; a link for "Didn't get the verification email?"; a reCAPTCHA widget with the text "I'm not a robot" and "reCAPTCHA Privacy - Terms"; an orange "Login" button with a right-pointing arrow; and a link at the bottom that says "Don't have an account? Please register".

After logging in, the platform will direct to "Home" page in "My Metabuilding" tab.

3- UPDATE PROFILE


Update personal profile.



Use the form below to update your profile (profile details are not viewable by other users)

Profile

Username:
adeel.ahmed@eco-wise.co.uk



+

First Name: Adeel

Last Name: Ahmed

Role In Organisation:
PMO Manager, Senior PM, Software Delivery Manager

Expertise:
Project Management, Actuarial Science, Change Management

R&D Interests:
Built Environment, Circular Economy

Projects:
EcoWise Healthy Homes
Metabuilding
Metabuilding Labs

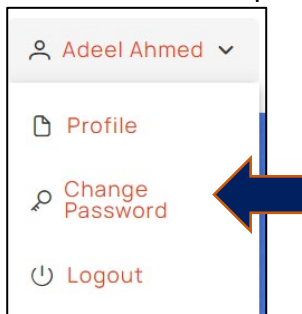
ORCID Link

Newsletter Subscription
No Yes

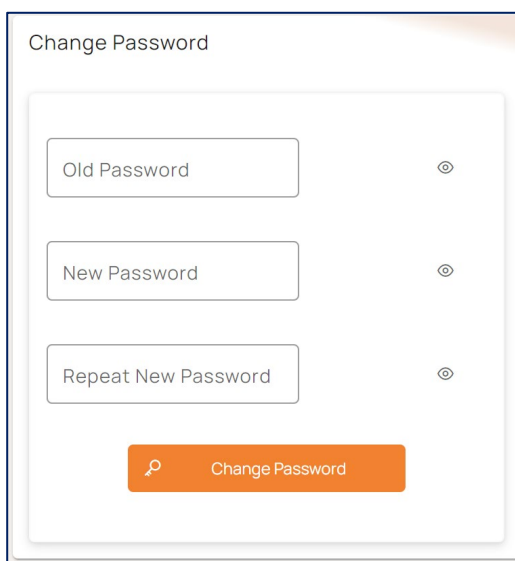
Save

4- CHANGE YOUR PASSWORD

Password can be updated via tab below



Update and Save

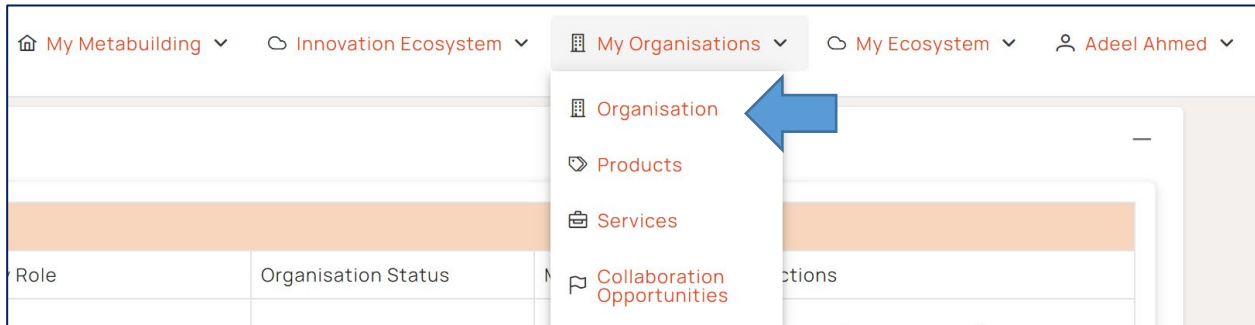


A screenshot of the 'Change Password' form. The form has a title 'Change Password' at the top. It contains three input fields: 'Old Password', 'New Password', and 'Repeat New Password'. Each field has a small eye icon to its right, indicating a toggle for password visibility. Below the input fields is an orange button with a key icon and the text 'Change Password'.

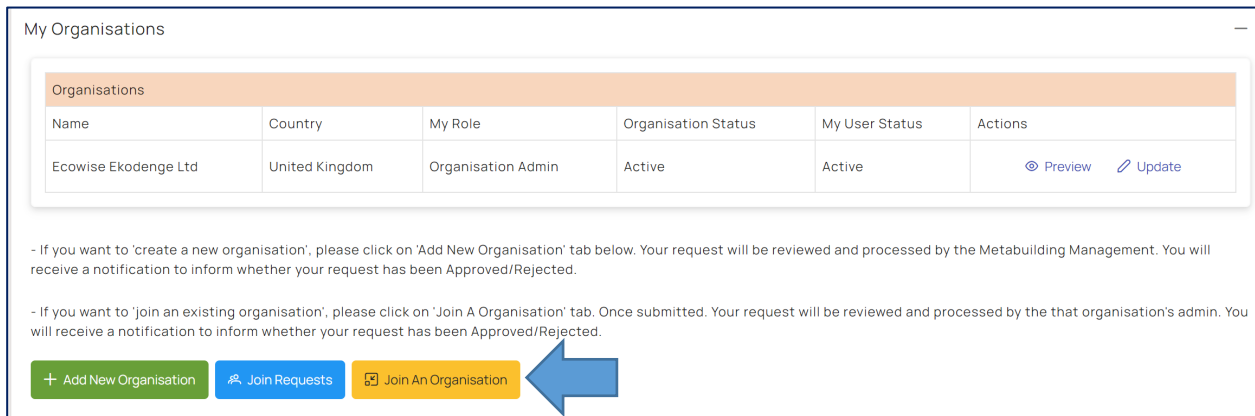
5- My ORGANISATION

Join an existing Organization or Add a new Organization

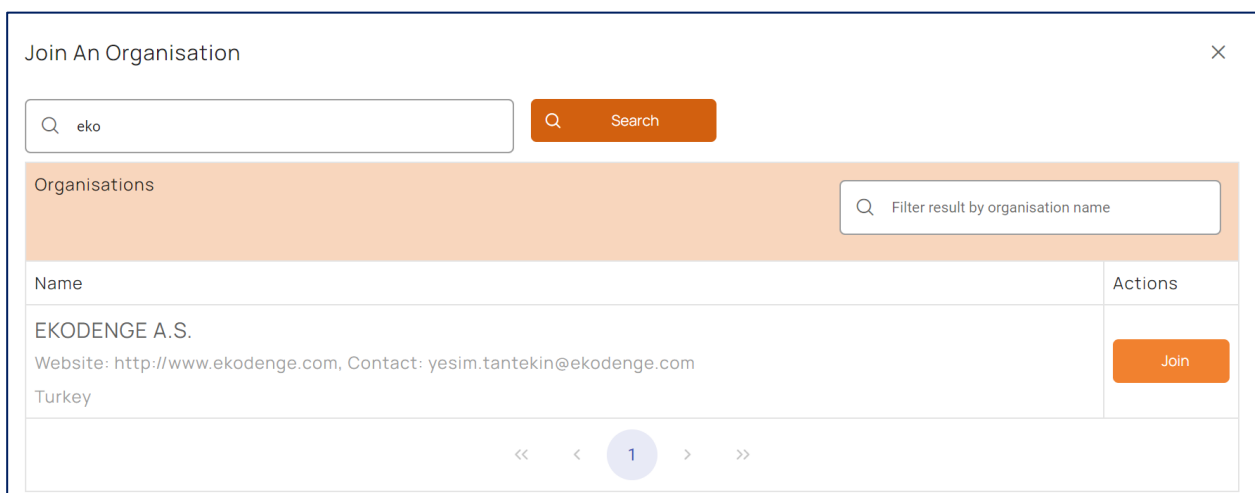
“JOIN” an Organisations



Click “Join Organisation”



Search and Join



“ADD” an Organisations

Organisation Details ×

Please fill in the form below to start an approval process for your organisation. Metabuilding Management will be informed of your request by clicking on the save tab.

Organisation Name

Contact Email

Website

Country

Organisation Type

Brief Description of Organisation

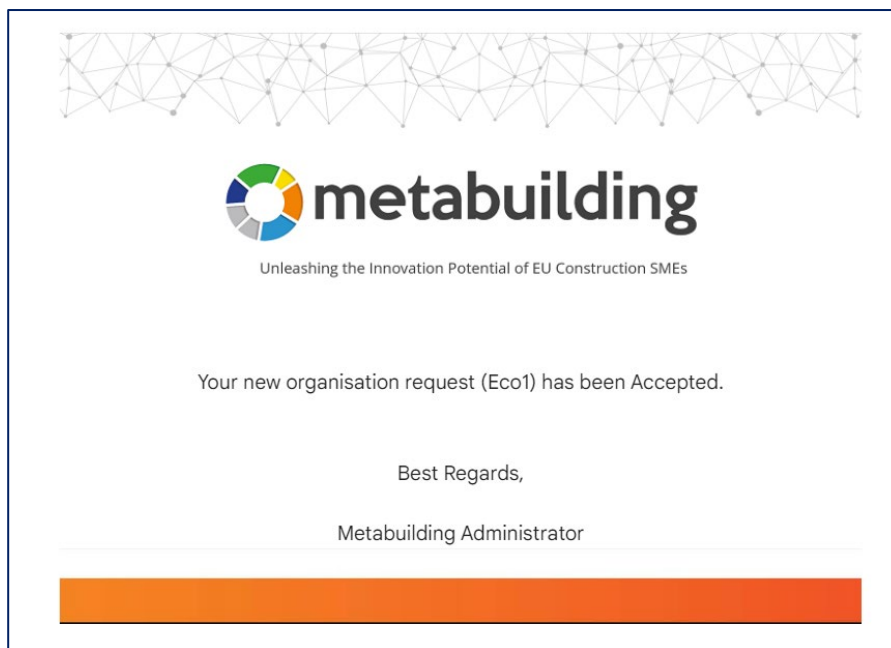
× Cancel Save

New Organisations requires approval from the Metabuilding-Admin

Deneme Second Organisation	Czechia	User	Active	Waiting For Approval	Details
----------------------------	---------	------	--------	----------------------	-------------------------

Once approved you will receive an email notification, you may proceed to update your Organisation,

Email confirmation will appear as such:




6- UPDATE AND PREVIEW ORGANISATION PROFILE

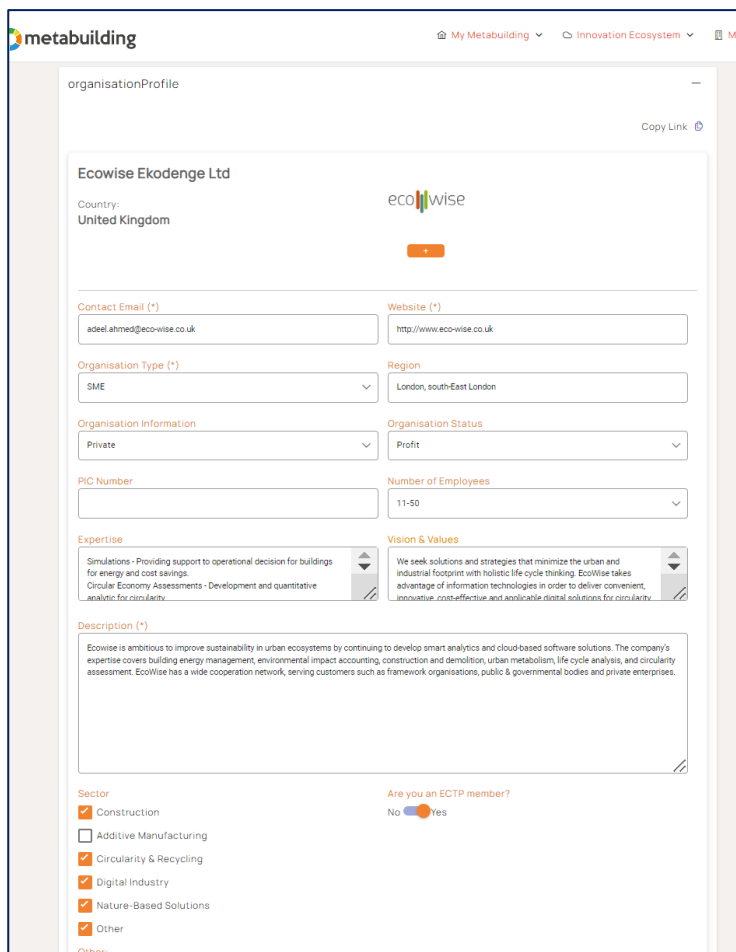
You can access your organisation profile via “My Organisation” tab

My Organisations

Organisations					
Name	Country	My Role	Organisation Status	My User Status	Actions
Ecowise Ekodenge Ltd	United Kingdom	Organisation Admin	Active	Active	Preview Update



“Update” Organisational Profile



organisationProfile

Copy Link

Ecowise Ekodenge Ltd

Country: United Kingdom

eco||wise

Contact Email (*): adeel.ahmed@eco-wise.co.uk

Website (*): http://www.eco-wise.co.uk

Organisation Type (*): SME

Region: London, south-East London

Organisation Information: Private

Organisation Status: Profit

PIC Number:

Number of Employees: 11-50

Expertise: Simulations - Providing support to operational decision for buildings for energy and cost savings. Circular Economy Assessments - Development and quantitative analysis for circularity.

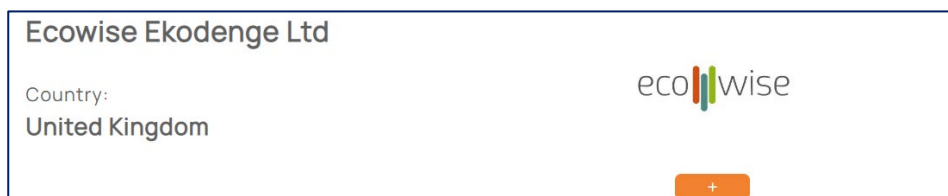
Vision & Values: We seek solutions and strategies that minimize the urban and industrial footprint with holistic life cycle thinking. EcoWise takes advantage of information technologies in order to deliver convenient, innovative, cost-effective, and eco-able digital solutions for circularity.

Description (*): Ecowise is ambitious to improve sustainability in urban ecosystems by continuing to develop smart analytics and cloud-based software solutions. The company's expertise covers building energy management, environmental impact accounting, construction and demolition, urban metabolism, life cycle analysis, and circularity assessment. EcoWise has a wide cooperation network, serving customers such as framework organisations, public & governmental bodies and private enterprises.

Sector:
 Construction
 Additive Manufacturing
 Circularity & Recycling
 Digital Industry
 Nature-Based Solutions
 Other

Are you an ECTP member? No Yes

Update Organisation Logo



Ecowise Ekodenge Ltd

Country: United Kingdom


eco||wise

+

Preview Organisational Profile.

My Organisations					
Organisations					
Name	Country	My Role	Organisation Status	My User Status	Actions
Ecwise Ekodenge Ltd	United Kingdom	Organisation Admin	Active	Active	Preview Update

Profile View:



Ecwise Ekodenge Ltd
United Kingdom

[Website](#)
http://www.eco-wise.co.uk

[Contact Email](#)
adeel.ahmed@eco-wise.co.uk

Copy Link

Ecwise Ekodenge Ltd

<p>Organisation Type SME</p> <p>Organisation Status Profit</p> <p>Number of Employees 11-50</p> <p>Sector</p> <div style="display: flex; gap: 5px;"> Construction Circularity & Recycling Digital Industry Nature-Based Solutions Other </div> <p>Description</p> <p>Ecwise is ambitious to improve sustainability in urban ecosystems by continuing to develop smart analytics and cloud-based software solutions. The company's expertise covers building energy management, environmental impact accounting, construction and demolition, urban metabolism, life cycle analysis, and circularity assessment. EcoWise has a wide cooperation network, serving customers such as framework organisations, public & governmental bodies and private enterprises.</p> <p>Expertise</p> <p>Simulations - Providing support to operational decision for buildings for energy and cost savings. Circular Economy Assessments - Development and quantitative analytic for circularity. Strategic Planning - Support to cities with circular and innovative solutions for achieving climate targets Integrated Software service Digital twins Business modelling</p> <p>Vision & Values</p> <p>We seek solutions and strategies that minimize the urban and industrial footprint with holistic life cycle thinking. EcoWise takes advantage of information technologies in order to deliver convenient, innovative, cost-effective and applicable digital solutions for circularity and sustainability.</p> <p>ECTP Member</p>	<p>Organisation Information Private</p> <p>Region London, south-East London</p> <p>PIC Number</p>
---	--

Organisation Users

	Adeel Ahmed
	Emre Yontem
	Rembrandt Koppelaar

7- Add a POST - (Only available to Organisation Administrators)

Post function can be used to communicate with members of your organisation

My Organisations					
Organisations					
Name	Country	My Role	Organisation Status	My User Status	Actions
Ecowise Ekodenge Ltd	United Kingdom	Organisation Admin	Active	Active	Preview Update

“Add New Post”

Post

[+ Add New Post](#)

Subject	Actions
Test	🗑️

[Save](#)

Complete the form – and **Save**

Post

Subject (*)

Body (*) (limited to 500 characters)

B **I** **U** **🔗** **A** **🖼️** **x₂** **x²** **”** **</>** **☰** **☷** **☰** **☷** **☰** **☷** **🔗**

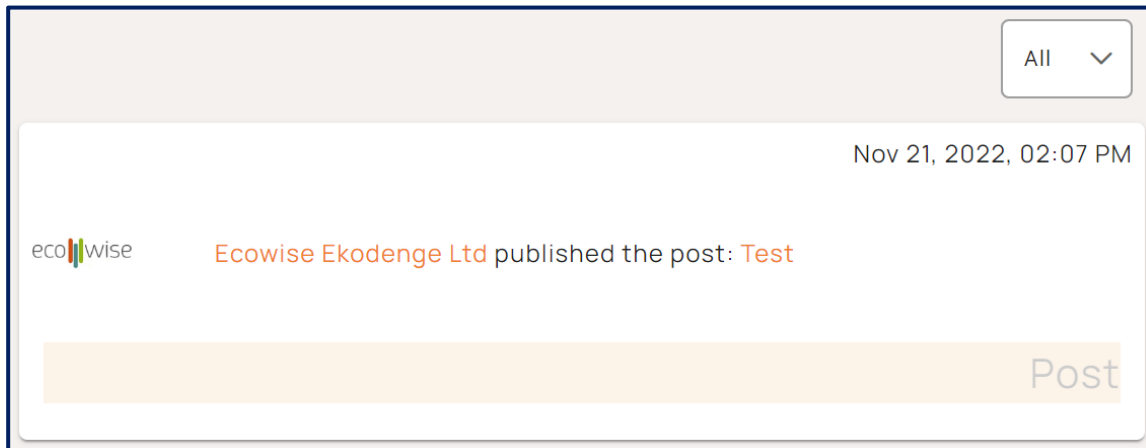
Post Link

Images

You can add image (jpg/png/gif) files. The maximum file size for uploads is 10 Mb and 1800 pixels

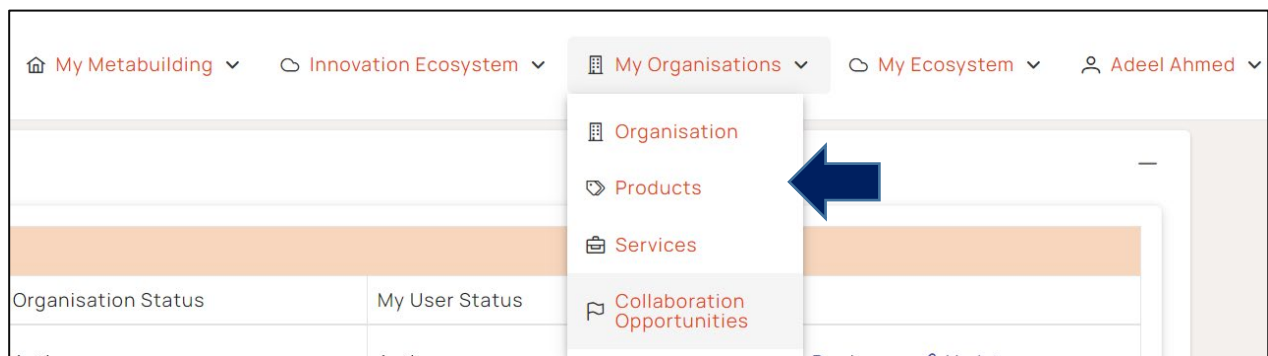
[X Cancel](#) [Save](#)

It will appear the in “My Metabuilding Page”

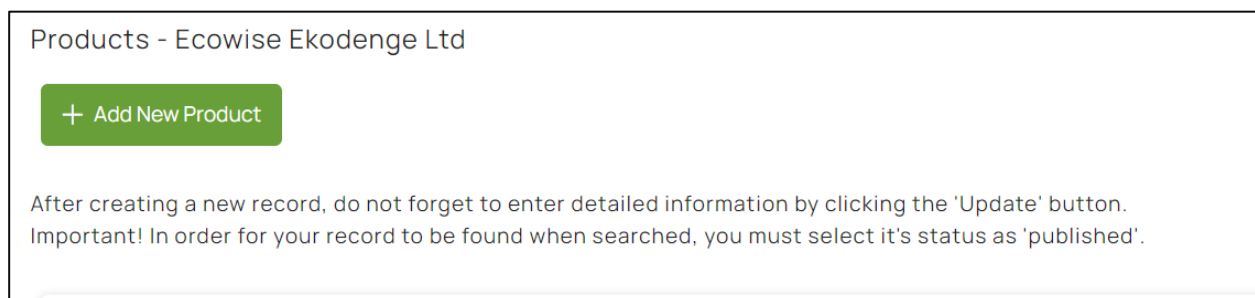


8- PRODUCT – (Add and Manage)


You can publish your products via “My Organisation” tab



Click “Add New Product”



Complete the form – and **Save**

Product Details - Ecowise Ekodenge Ltd Copy Link 

Test Product 30.06.22

() indicates mandatory fields*

Name (*)

Test Product 30.06.22

Description (*)

Test

Features & Benefits

Product Type

- Technology
- System
- Software
- material
- Other

References

You can update, delete or preview your product(s).

Products			
Name	Actions	Status	
Ecowise Healthy Homes / Ecowise Healthy Schools	Preview Update Delete	<input checked="" type="checkbox"/> Published	
Circulates Software	Preview Update Delete	<input checked="" type="checkbox"/> Published	
Test Product 30.06.22	Preview Update Delete	<input type="checkbox"/> Published	

Update information about your product(s)

Product Details - [Ecowise Ltd] Permanent Link [🔗](#)

Ecowise Healthy Homes

Name (*)

Description (*)

EHHS is a cloud-based system for energy savings and indoor air quality improvement. It helps by monitor indoor living condition and plan for savings energy in your homes by using smart weather information combined with energy simulations, monitors indoor air quality conditions an giving resident feedbacks to make homes safer and healthier for people to live in.

Features & Benefits

- Real-time data monitoring and automated reporting defined by users' needs.
- Determining operational parameters of the heating system by using predictive modelling and data-driven analysis to minimize energy usage.
- By integrating operational models, understanding demand and supply of energy EHSS helps to manage environment during peak hours of the day.
- Building energy modelling
- IoT and Data connectivity
- Dynamic energy simulations
- Smart decision-support to control your building

Sort Of Product (!)

Technology

System

Software

Material

Other

Product Status

In Marketplace Under Development

Is it an industrial common

No Yes

Application In The Construction Sector



Decision support
Energy system
HVAC


References

The product will not be accessible via search unless it has been "Published".

Products		
Name	Actions	Status
Ecowise Healthy Homes / Ecowise Healthy Schools	👁️ Preview ✎ Update 🗑️ Delete	<input checked="" type="checkbox"/> Published


Preview & Publish your Product Profile


Copy Link 



Ecowise Ekodenge Ltd
United Kingdom

Website

<http://www.eco-wise.co.uk> 

Contact Email

adeel.ahmed@eco-wise.co.uk

Organisation Users —


Ecowise Healthy Homes / Ecowise Healthy Schools

Description


EHHS is a cloud-based system for energy savings and indoor air quality improvement. It helps by monitor indoor living condition and plan for savings energy in your homes by using smart weather information combined with energy simulations, monitors indoor air quality conditions an giving resident feedbacks to make homes safer and healthier for people to live in.

Features & Benefits

- Real-time data monitoring and automated reporting defined by users' needs.
- Determining operational parameters of the heating system by using predictive modelling and data-driven analysis to minimize energy usage.
- By integrating operational models, understanding demand and supply of energy EHSS helps to manage environment during peak hours of the day.
- Building energy modelling
- IoT and Data connectivity
- Dynamic energy simulations
- Smart decision-support to control your building
- Service without installation, easy to integrate



Hyunji Cho



Emily West

Product Type

Technology
System
Software

Product Status

On Market

Are you interested to further develop this technology with an interested industry partner taking care of the market transfer?

No


Application In The Construction Sector

Connectivity
Connectivity, communication
Decision support

Energy system
HVAC
ICT, BIM, IoT, digital twin, ...

Monitoring & Diagnostic
Smart appliance / system
Other

Product Web Page

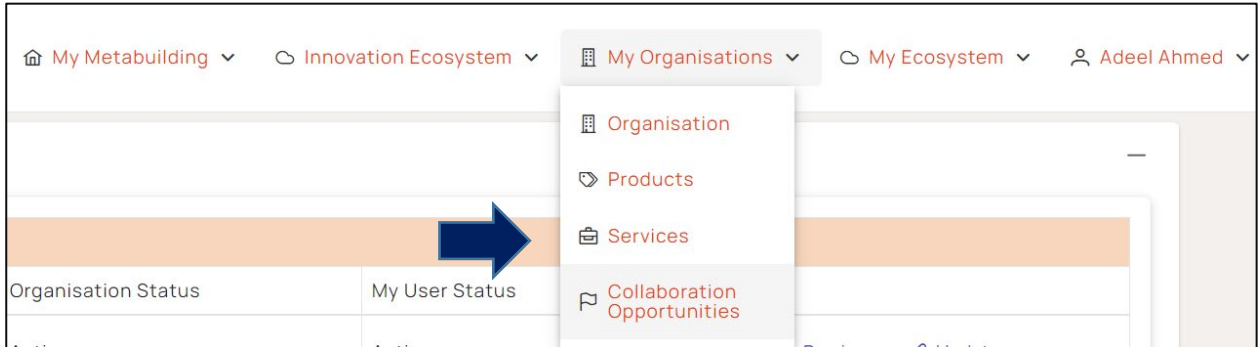
<http://eco-wise.co.uk> 

References

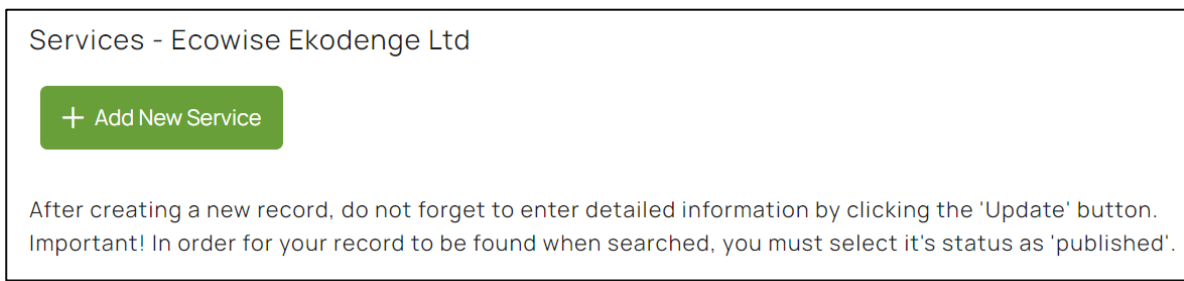
- Schools –Ankara Turkey
- Spain – Apartments buildings
- Office buildings Digi catapult – UK
- Council housing -UK

9- SERVICES – (Add and Manage)


You can publish your Service(s) via “My Organisation” tab



Click “Add New Service”



Complete the form and **Save**

Service Details - Ecowise Ekodenge Ltd Copy Link 

Demo Test Service

(*) indicates mandatory fields

Name (*)

Description (*)

Features & Benefits

Application In The Construction Sector

Monitoring & Diagnostic Smart appliance / system ICT, BIM, IoT, digital twin, ...

Service Web Page

Is it an innovation service?

Application In The Construction Sector

Decision support Energy system HVAC

Product Web Page

VISUAL DOCUMENTS

You can add image (jpg/png/gif) or pdf files. The maximum file size limit for uploads is 10 Mb.

[+ Add Document](#)


File Name	Description	Actions
20210914_115329.jpg	Ecowise Healthy Homes Sensor	↓ 🗑️

[Save](#)

The service will not be accessible via digital tools unless it has been **"Published"**

Services		
Name	Actions	Status
Digital Twins	👁️ Preview ✎ Update 🗑️ Delete	<input checked="" type="checkbox"/> Published

Preview & Publish your Service



R2M Solution
Italy


[Website](#)

<https://www.r2msolution.com/>

[Contact Email](#)

info@r2msolution.com

Organisation Users

 Ignacio Torrens

Service [Copy Link](#)

Coding and Robotics

Description

We can develop robotics applications and behaviours, integrate robots with different technologies (sensors, IoT, web services), perform applied research on Robotics and co-design human-robot interaction solutions.

We have partnered with Zora Robotics to bring Zorabots into Italy.

Zora has developed the world leading operating system and user interface on top of Softbank's Nao and Pepper platforms. More than 20,000 people use the more than 70 applications to make their robots useful and fun. With Zora, you don't need an ICT department and you don't need to be a robotics expert. It is like having Windows (or other operating system) installed on a PC. Without it – the PC can be hard to use for non-computer experts. With it,

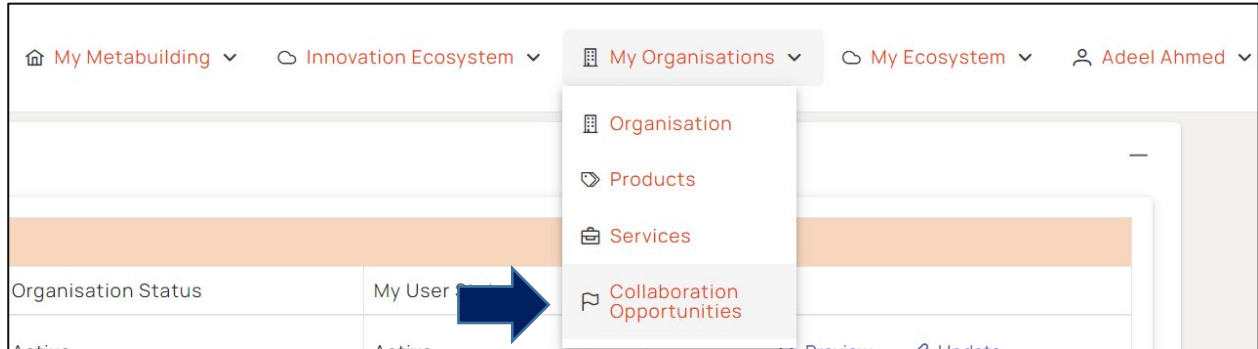
Application In The Construction Sector

Is it an innovation service?
No

Is it a testing service?
No

10- ADD OPPORTUNITIES

You can publish your Opportunity(s) via “My Organisation” tab




Click “Add New Opportunity”

Opportunities - Ecowise Ekodenge Ltd

[+ Add New Opportunity](#)

After creating a new record, do not forget to enter detailed information by clicking the 'Update' button. Important! In order for your record to be found when searched, you must select it's status as 'published'.

Complete the form – and **Save**

Opportunity Details - Ecowise Ekodenge Ltd Copy Link 

Test 1

(*) indicates mandatory fields

Title (*)

Description (*)

Is this an offer or a request? (*) Role of Your Organisation (*)

Contact Person Name (*)

Contact Email (*)

Type of Programme (Optional)

Target your Audience

Target (*)

All Platform
 Cluster Only

ECOWISE PROJECT CLUSTER


ECTP

NOBATEK/INEF4

Save

Developed and Powered by eco|wise

Preview & Publish your Opportunity



Ecowise Ekodenge Ltd
United Kingdom

Website

http://www.eco-wise.co.uk [↗](#)

Contact Email

adeel.ahmed@eco-wise.co.uk

Copy Link [↗](#)

Horizon Europe - HORIZON-CL5-2022-D4-02-01

Description

Efficient, sustainable and inclusive energy use (HORIZON-CL5-2022-D4-02)

EcoWise seeks partnership in the call.
We offer:

- Energy performance monitoring and optimisation
- Software as a Service to Support automated Energy Performance Contracts
- Material accounting and digital passports for buildings

Is this an offer or a request?

Offer

Role of Your Organisation

Partner

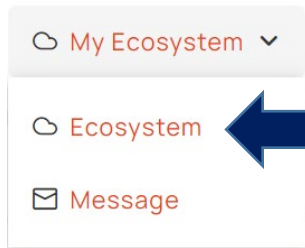
Contact Person Name

Emre Yontem

The Opportunity will not be accessible via digital tools unless it's been **"Published"**

Opportunities		
Title	Actions	Status
Ecowise Horizon Europe Project	👁️ Preview ✎ Update 🗑️ Delete	Published

11- ECOSYSTEMS – (CREATE, MANAGE & JOIN)



- **Join Ecosystems**

My Ecosystem

Joined Clusters					
Name	Country	Organisation	Request Date	Approval Date	Status
ECOWISE PROJECT CLUSTER	United Kingdom	Ecowise Ekodenge Ltd	May 31, 2022, 05:13 PM	May 31, 2022, 05:14 PM	Active
ECTP	Belgium	Ecowise Ekodenge Ltd	Jun 01, 2022, 04:38 PM	Jun 01, 2022, 04:47 PM	Active
NOBATEK/INEF4	France	Ecowise Ekodenge Ltd	Aug 11, 2022, 03:53 PM	Aug 11, 2022, 05:39 PM	Active

If you want to join an existing cluster please click on 'Join A Cluster' tab below. Your request will reviewed and processed by that Ecosystem admin

[Join A Cluster](#)

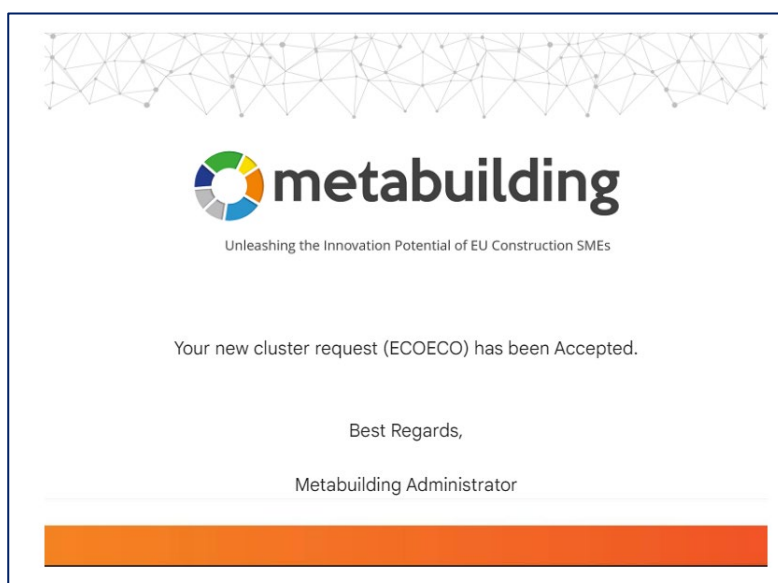
**** Joining requests are subject to approval from Cluster Administrator ****

- **Create and Manage Ecosystem.**

If you want to create and manage a new cluster please click 'Add New Cluster' button below. Your request will review and process by Metabuilding Management

[+ Add New Cluster](#) [Cluster Join Requests](#)

New Ecosystem require approval from the Metabuilding-Admin. Once Approved you will receive an email Notification




- **Update Ecosystem Profile**

My Clusters						
Name	Country	Related Organisation	My Role	Cluster Status	My User Status	Actions
ECOWISE PROJECT CLUSTER	United Kingdom	Ecowise Ekodenge Ltd	Cluster Admin	Active	Active	Update

Cluster Profile Copy Link

ECOWISE PROJECT CLUSTER

Country: **United Kingdom**



[+](#)

Contact Email (*)

Website (*)

Cluster Type (*)

Region

Brief Description of Cluster (*)

Project Collaboration Cluster

Projects

METABUILDING
METABUILDING - LAB
BIM4REN

Past Activities

- **Create Working Groups**

Working Groups

+ Add New Working Group

Name	Actions
ECOWISE EKO GROUP	✎ 🗑

12- CREATE NEWS – (Only available to Cluster Administrators)

My Clusters						
Name	Country	Related Organisation	My Role	Cluster Status	My User Status	Actions
ECOWISE PROJECT CLUSTER	United Kingdom	Ecwise Ekodenge Ltd	Cluster Admin	Active	Active	Update

Add News

+ Add New News
←

Subject	Actions
New Cross-industry Digital Twin Forum launched in the UK	🗑️
CircThread - Digital Product Passports - SystemIQ	🗑️

<< < 1 > >>

Complete the form – and **Save**

News
✕

Banner Image

It is the banner image that will be displayed on the cluster homepage.

You can add image (jpg/png/gif) files. The maximum file size for uploads is 1 Mb and 1800x1200 pixels.

1

📁 +

📁 -

Target your Audience –


Target (*)

Joined Clusters▼

✕

- Ecwise Ekodenge International
- ECTP
- NOBATEK/INEF4
- Italy
- France

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METABUILDING Project has received funding from the European Union's Horizon 2020 Research and Innovation Programme under Grant Agreement No. 873964. The sole responsibility for the content of this document lies entirely with the author's view. The European Commission and the Executive Agency for Small and Medium-sized Enterprises (EASME) are not responsible for any use that may be made of the information it contains.

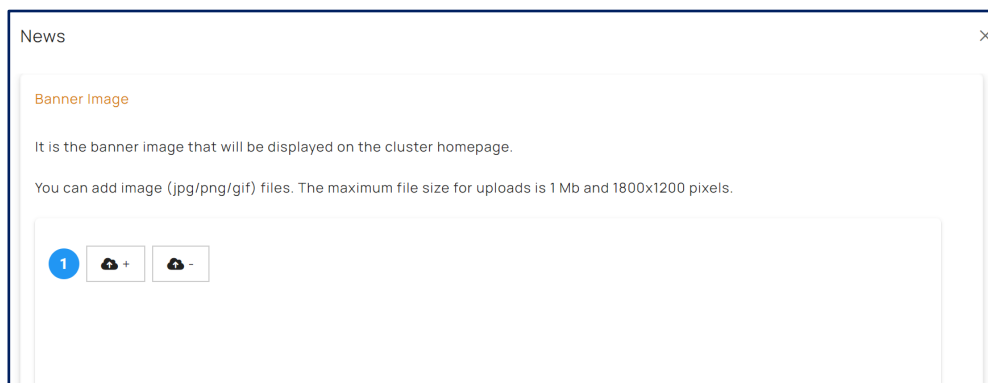
13- CREATE CALLS (Funding Opportunities)

Add New Calls – (Only available to Cluster Administrators)



The screenshot shows a user interface for managing calls. At the top left, there is a green button labeled '+ Add New Calls' with a blue arrow pointing to it. Below this is a table with two columns: 'Name' and 'Actions'. The table currently displays 'No calls found' and has pagination controls at the bottom. At the bottom right of the interface is an orange 'Save' button.

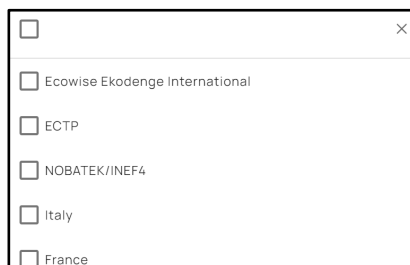
Complete the form – and **Save**



The screenshot shows a 'News' form with a 'Banner Image' section. It includes instructions: 'It is the banner image that will be displayed on the cluster homepage. You can add image (jpg/png/gif) files. The maximum file size for uploads is 1 Mb and 1800x1200 pixels.' Below the text is a file upload area with a counter '1', a plus icon, and a minus icon.

Target your Audience –

Target (*)



The screenshot shows a dropdown menu with the following options:






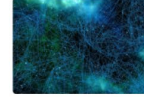
- Ecowise Ekodenge International
- ECTP
- NOBATEK/INEF4
- Italy
- France

14- DIGITAL TOOLS

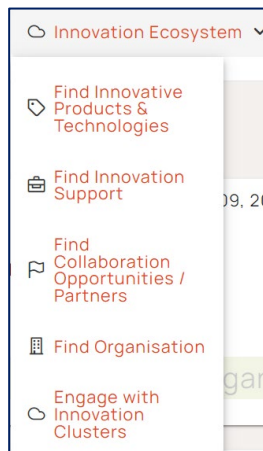
You can use the “Digital Tools” to find product, service, organisations and collaboration Opportunities.

You can access Digital tools (What we offer) through the Metabuilding Landing Page and the ecosystem pages.

WHAT WE OFFER ▼

 <p>Innovation and Testing Support Find and promote innovation and testing services: From the definition of a project until the testing in a real environment.</p>	 <p>Innovation Coaching Get tailor-made support from an innovation coach: From ideation to commercialization. (Coming soon)</p>	 <p>Products and Technologies Explore and showcase innovative solutions for construction: Technologies under development and products on the market.</p>	 <p>Funding and Financing Find and offer financial support opportunities: Public and private funding.</p>	 <p>Collaboration Opportunities Discover and promote collaboration opportunities: Partners for innovation projects, business partners, distributors.</p>	 <p>Clusters & Innovation Ecosystem Find an innovation cluster in your region/country: Meet other innovators, learn about funding opportunities and build-up collaborative innovation projects.</p>
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Digital tools can be accessed from the Menu bar too.



The screenshot shows a dropdown menu titled "Innovation Ecosystem" with the following items:

- Find Innovative Products & Technologies
- Find Innovation Support
- Find Collaboration Opportunities / Partners
- Find Organisation
- Engage with Innovation Clusters

- **Find Innovative Product and Technologies:**

Find Innovative Products & Technologies

Product/Technology Name



Product Status

Product Type

Application In The Construction Sector

[Reset Fields](#) [Search](#)

Search Results

Organisation	Product/Technology Name	Description
 Ecowise Ekodenge Ltd United Kingdom	Circulates Software	Urban waste minimisation and circularity assessment software service
 Ecowise Ekodenge Ltd United Kingdom	Ecowise Healthy Homes / Ecowise Healthy Schools	EHHS is a cloud-based system for energy savings and indoor air quality improvement. It helps by monitor indoor living condition and plan for savings energy in your homes by using smart

[Under Development](#) [Details](#)

- **Find Innovation Support**

Find Innovation Support



Service Name

Service Type

Application In The Construction Sector

[Reset Fields](#) [Search](#)

Search Results

Organisation	Service Name	Description
 ECTP Belgium	Access to European collaborative projects main deliverables	Disposal of key deliverables from strategic projects (Coordination and Support Action)
 IDONIAL Spain	Additive manufacturing	additive manufacturing technologies addressing the following areas: • Design for additive manufacturing • Simulation and topological optimization • Development of materials for additive manufacturing ...

[Details](#) [Innovation Service](#) [Details](#)

- **Find Collaboration Opportunities / Partners**


Find Collaboration Opportunities / Partners

Offer Title

Offer/Request

Organisation Role

Search Results

Organisation	Title	Description
 Ecowise Ekodenge Ltd United Kingdom	Horizon Europe Project - CL5	Renewable-intensive, energy positive homes TOPIC ID: HORIZON-CL5-2022-D4-01-02 https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/horizon-cl5-2022-d4-01...

- **Find Organisation**

Find Organisation

Organisation Name

Country


Organisation Type

Organisation Status

Organisation Information

Sector

Search Results

Organisation	Country	Type
 3L Architects	Germany	SME

- **Engage with Innovations Clusters**

Engage with Innovation Clusters

Cluster Name




Country

Cluster Type

Sector

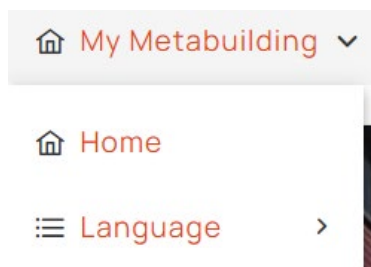
Reset Fields
Search

Search Results Q Search Filter

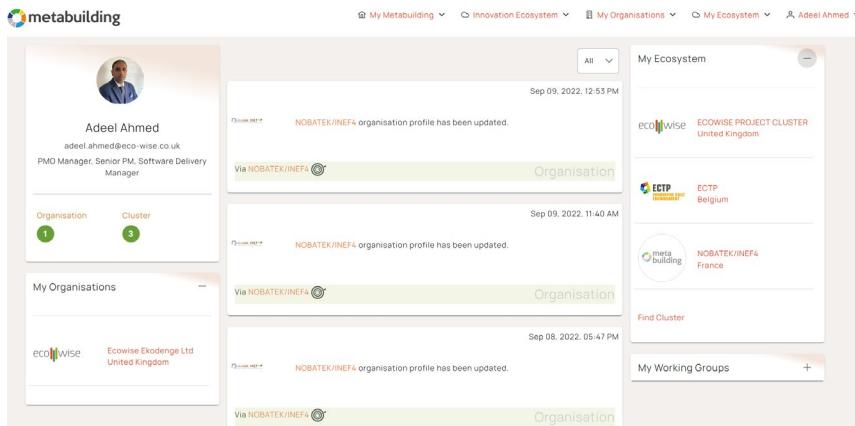
Cluster	Country	Type	
 Additive Manufacturing European Technology Platform	Spain	International	→ Details
 ECOWISE PROJECT CLUSTER	United Kingdom	European	→ Details
 ECTP	Belgium	European	→ Details

15- My METABUILDING

Access “My Metabuilding” Page via Menu Bar



- **Home Page – Feed Page**



16- NATIONAL CLUSTERS

National cluster can be accessed through the menu bar



17- LANGUAGE OPTIONS

Language options can be accessed through the menu bar.

