

Newsletter 2022

News from our ongoing projects



During the COVID-19 pandemic maintaining healthy indoor environments is more important than ever. We are pleased to announce the launch of the "Wellbeing" services of our Ekobina+ project.

"Wellbeing" will help facilities maintain high indoor air quality and thermal comfort levels and reach energy efficiency and sustainability targets. We are also glad to announce that we have started two of Ekobina+ "Wellbeing" pilots in the Rami Campus of Uğur Schools in Istanbul and Institut Celestí Bellera in Barcelona.

Follow us to learn more and hear about the updates.



We are past midway for the SHELTER project on disaster risk management for cultural heritage sites and it's getting more and more exciting!

- We are developing a risk assessment module based on the methodology developed within the past year.
- We have submitted our agent-based modeling work.
- We are part of governance work and have gotten published.

Looking forward to more results of the work our great consortium has put in!

www.mdpi.com/2071-1050/14/2/1002

It has been a wild year for our architects

We are working on the design of a wildlife park in southeast Asia.



Meanwhile in Turkey, we are working on the design of a visitor center to honor a vulnerable species and the culture around it.



As Ekodenge, we have successfully completed a pioneer project in the climate finance. Climate Finance Accelerator (CFA) Turkey is a programme funded by the UK government's Department of Business, Energy and Industrial Strategy (BEIS) and implemented by PwC and Ricardo. Ekodenge was the in-country delivery partner in the pilot phase of the programme. By bringing together innovative and pioneering projects, that have the potential to contribute to the reduction of greenhouse gas emissions, with financial actors, we tried to find solutions for climate finance, which is a very important topic recently.



HyCool project has reached its final stages

Bo de Debo Facilities, Spain
January 2022

As we are getting ready for commissioning, solar collectors are being installed at two demo sites HyCool aims to bring a cost-effective hybrid solar system solution that combines the latest technology in Fresnel solar thermal collectors, hybrid adsorption compression chillers, and thermal storage fields. We are working on the implementation of energy management and monitoring system in collaboration with our project partners.

LCA and LCC services



DECADE, a H2020 project on development of a new photoelectrocatalytic (PEC) approach for the conversion of CO₂, enters the second year! Ekodenge is in charge of analysing use case baselines, LCA and LCC of the PEC process. The first Review Meeting held in October was attended.

Our LCA work continues in the SEARcularMINE project! It is aimed to obtain magnesium, lithium and various trace elements by using the by-product of saltwork, also called remaining brine or bittern, within the scope of the project.



Environmental Product Declaration Consultancy

The Life Cycle Assessment (LCA) and Environmental Product Declaration (EPD) consultancy project for quartz surface products is ongoing. Within the scope of the project, the Product Category Rules (PCRs), which define certain rules, requirements and principles to create the EPD for quartz surface products, were prepared. EPD studies are carried out in accordance with the PCR.

SHELTER: This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 821282.
HYCOOL: This project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement No 792073.
DECADE: This project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement No 862030.
SEARcularMINE: This project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement No 869467.