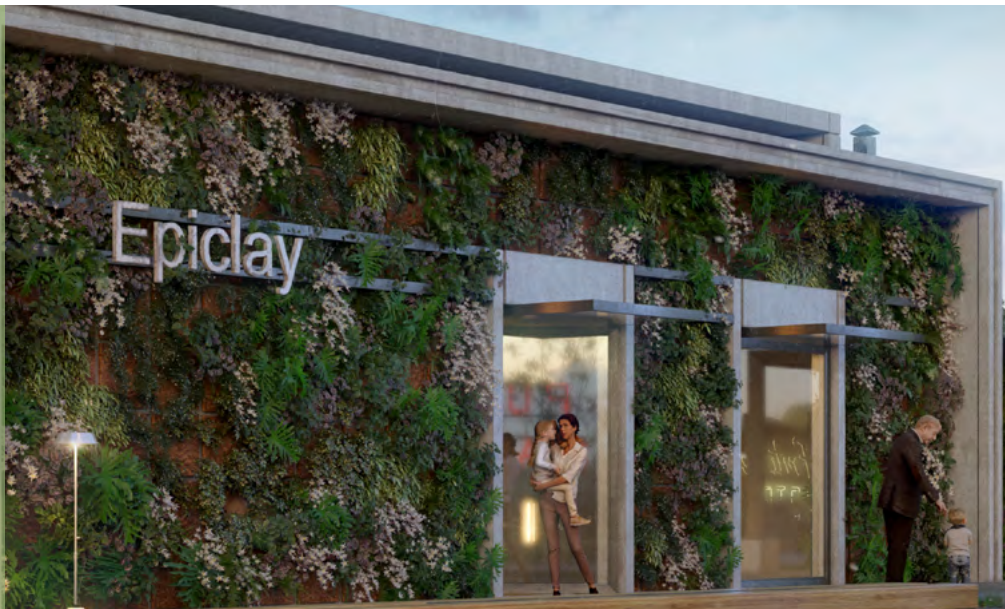




Epiclay develops **climate-enhancing architectural surfaces** that allow facades and indoor areas to be greened in a **soil-free** and **circular economy compliant** way, enabling significantly positive impact on **air quality** and **urban heat**.



key facts

Stage: Seed Stage; Convertible Note Capital Raise with a target of 500k EUR; Series A process starting in Q1/2022

Industry: ClimateTech, PropTech, Advanced Materials

Use of Funds: Product development & Certifications, Broaden IP portfolio, Marketing & PR

the global challenge

7 million people die every year due to **air pollution**, according to the WHO. Additionally, **urban heat islands** are a major cause of **extremely high temperatures** in cities which leads to stress and discomfort for urban dwellers.

However, adoption of green areas is impossible as space in cities is scarce. Therefore, the **most efficient way of greening** is by utilizing **facades**. In fact, Vienna has **120 million m² of greenable facades** that are not used in a climate enhancing manner. Yet present facade greening solutions are **too complex** to install and **very costly** to maintain. Consequently, a large-scale adoption of green wall systems is currently not achievable.

key people

Christoph Hornik, CEO

Substantial experience in tax advisory and corporate innovation management. Founder of the social project "Impact Vouchers", which raised > 300k€ corona support for SMEs.

Melanie Kálmán, COO

8 years experience in logistics and managing key accounts in an art gallery, gaining valuable insights into supply chains but also the sales of high-ticket products.

Camille Feliciano, Head of Marketing

Profound experience in innovation management as well as marketing communications in various industries including sustainable mobility and 3D-printing technologies.

Mary-Eve Henrotte, Head of BioTech

Holds an engineering degree with a specialization in agriculture and has thorough experience in the development of green city solutions and environmental sciences.

Mauricio Casian, Head of Architecture

Holds a degree from SAIC, the top-ranked architecture & arts university in the US. Vast experience in design, architecture model construction, and fabrication.

Sumit Nemmaniwar, Head of Design

Numerous years of work experience in architecture and design, holds a Master's degree in Advanced Architecture from IAAC Barcelona. Focus areas mainly in urban planning and climate responsive design.



the solution

These hurdles are solved with Epiclay's **proprietary platform technology** that holds the most robust plants found in nature. As our system is **soil-free**, no constant irrigation is required, increasing the system's **scalability** and **environmental impact**. Even with ungreened modules, the **energy efficiency** of buildings **increases** while **reducing urban heat** in an aesthetic way.



Our system can either be installed on facades with our **specialty developed substructure** or applied to **all standard systems** already used in the facade industry. This opens up a **number of use cases** both outdoor and indoor. Indeed, our existing inquiries from **Fortune 500's** and regional corporations want to **enhance the air quality** in their offices, headquarters, or train stations.

our business model

- One-stop-shop - managing the projects from planning to implementation
- Maintenance packages providing additional benefits for the customer
- Licensing and sales partnerships in the pipeline with some of the biggest European facade and construction material producers due to strong IP protection

our partners

