



# BAUHAUS EARTH

## What We Offer

Are you working in architecture, construction, project development, or material manufacturing and looking for support in the development, testing, or prototypical implementation of innovative materials and construction systems?

Get in touch ([contact@bauhauserde.org](mailto:contact@bauhauserde.org)) to discuss potential applications. Based on your requirements, we develop an individual proposal tailored to your project.

We support development processes through:

- Material performance testing
- Feasibility studies
- Development of mock-ups and full-scale 1:1 prototypes
- Material and system optimisation
- Technical evaluation and building performance analysis
- Accompanying research and support throughout the planning process

## Prototyping & Material Development

Innovative materials often fail not because of the idea itself, but due to missing research infrastructure, technical validation, or pathways into practical application. Bio- and geo-based building materials, in particular, require precise technical investigation, prototypical development, and evaluation before they can be integrated into real construction projects.

Our Research Workshop supports companies in translating experimental materials into robust construction systems and built applications.

## The Research Workshop

The Bauhaus Earth Research Workshop provides the infrastructure and expertise to develop and test new materials and construction systems in an application-oriented setting. Across 325 m<sup>2</sup> of workshop space, we work at the intersection of research and implementation. Together with our interdisciplinary team, we create the conditions needed to technically evaluate experimental approaches and translate them into real-world construction applications.

## Example Workflow

Phase	Activity	Objective
<b>Kick-off</b>	Requirements analysis	Definition of the feasibility framework or testing setup
<b>R&amp;D</b>	Material development & laboratory testing	Foundational research
<b>Prototyping</b>	Construction in the Research Workshop	Translation into a reproducible full-scale 1:1 building component (e.g. timber-earth connection)
<b>Completion</b>	Evaluation & monitoring	Delivery of the feasibility study or support throughout certification processes