



YOUR B2B ACCELERATOR IN THE SECTOR OF INDUSTRIAL MINERALS

www.in-mat-lab.eu

In.mat-Lab – Definition & Services



- ▶ **In**novative, **Ins**ulating and **In**organic **Mat**erials **Lab**oratory
 - ▶ Mine-to-Market and Market-to-Mine solutions
 - ▶ Value-to-Client Analyses (VTCA)
 - ▶ Business Accelerating

- ▶ **S**ervices
 - ▶ Testing & Analyses
 - ▶ Technical support
 - ▶ Research & Development
 - ▶ Consulting

Testing & Analysis

Raw materials characterization:

- ▶ Based on specific analytical schemes we can characterize various ore qualities not only on their basic properties, but also on their possible use for specific final applications (i.e. construction, agriculture, else)
- ▶ Our state-of-the-art laboratory with a multi-task laboratory expansion furnace can provide targeted data regarding perlite's properties and characteristics for its use and possible applications



Technical support



- Evaluate the effects that a change in supplier, formulation, or manufacturing process may have on finished products.
- With our high expertise in the field of industrial minerals, using also the testing and analyses data from assigned specific evaluation schemes, we provide precise Value-to-Client Analysis (VTCA)
- We act as a third party in case of a conflict.

In.mat-Lab ⇒ **Efficiency** (savings in resources & time)

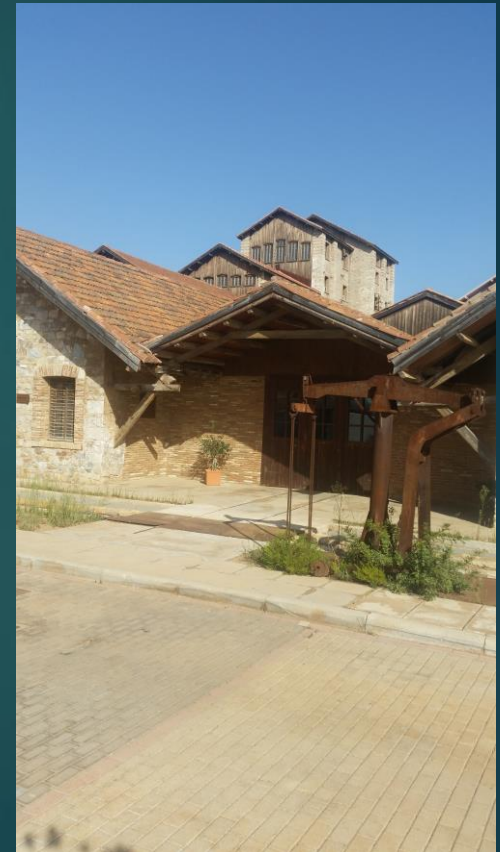
Research & Development

- Design and administrate R&D projects
- Apply for grants through national and European projects
- Support in prioritizing R&D ideas based on market data
- Perform technical and marketing feasibility studies
- Establishing a network of experienced partners



Consulting

- Get on-demand expertise to better facilitate business with sustainable solutions.
- Elevating products & processes from raw materials selection into the design process and products with tailor-made properties as well as wastes management and by-products.



Some of our projects



- ✓ Evaluation of different vermiculite grades & origin - finalized
- ✓ QC Lab for bentonite final products - finalized
- ✓ QC Lab for lightning earthing enhancement products - finalized
- ✓ VTC analysis on perlite ores of different origin - running
- ✓ Application of perlite as CSM in ready-mix concrete - running
- ✓ Marketing analyses of filter aids in the Greek industry - running
- ✓ Inorganic insulating plasters & mortars - running
- ✓ Perlite in foundries – A scientific approach on basic properties - running

.....more to come in the near future

(*) Publishing of projects and results is subjected to initial approval from all the participants

Thank you for your attention

You can also follow us in LinkedIn: <https://www.linkedin.com/company/in.mat-lab>

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