



**MooB - Multi-objective life cycle optimisation of sustainable and innovative construction materials and Buildings**

Transnational cooperation project between Portugal (IST) and Hungary (Faculty of Civil Engineering, Budapest University of Technology and Economics - BME), funded by FCT (*Fundação para a Ciência e a Tecnologia*) and by the Hungarian Research, Development, and Innovation Office



**International workshop IST – BME: ‘Performance of bio-based construction materials’**

11 October (Monday), 2.30 pm - 6 pm, in room V0.15 (ground floor, next to the reception), DECivil Building, Instituto Superior Técnico, Lisboa, Portugal

- 2.30 pm Earth plasters (via zoom), Paulina Faria, CERIS, FCT-UNL**  
([https://www.site.ceris.pt/?action=employee\\_detail\\_modal\\_new&CodColaborador=243](https://www.site.ceris.pt/?action=employee_detail_modal_new&CodColaborador=243))
- 3.00 pm Effect of fibres on the properties of an aerogel-based thermal insulating render, Inês Flores-Colen and Marco Pedroso, CERIS, IST and BUILTCoLAB**  
(<https://percoat.tecnico.ulisboa.pt/IFC.html>);  
(<https://www.linkedin.com/in/marcoivopedroso/>)
- 3.15 pm Characterisation and applications of natural and recycled thermal insulations, Balázs Nagy, BME** (<https://www.researchgate.net/profile/Balazs-Nagy-4>)
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- 3.45 pm – Q&A
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- 3.55 pm – Coffee break
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- 4.15 pm Natural and chemically treated rice husks incorporated in cementitious composites, Ana Raimundo, PhD student in Civil Engineering, CERIS, IST**
- 4.30 pm Environmental and energy assessment of construction with adobe and straw, Péter Medgyasszay, BME** (<https://www.researchgate.net/profile/Peter-Medgyasszay>)
- 5.00 pm Straw-bale construction: state-of-the-art in Portugal and characterization of prefabricated panels, Catarina Pinto, Terrapalha**  
(<https://terrapalha.com/projetos/?lang=en>)
- 5.30 pm Dynamic LCA of straw-based renovation:  
A case study from a Portuguese neighbourhood, Verena Göswein, CERIS and 3drivers** (<https://www.researchgate.net/profile/Verena-Goeswein-2>)
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- 5.45 pm – Final discussion
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**Mandatory enrolment until the 7<sup>th</sup> of October** – send an email to [jose.silvestre@tecnico.ulisboa.pt](mailto:jose.silvestre@tecnico.ulisboa.pt).