

# BASE Theorie 4

## Series of Lectures

### # 5 Can bio based materials save the planet?

Using healthy low impact construction materials

Tom Woolley

Building construction is a major contributor to climate change. The lecture will touch topics like:

- \*Greenwash policies on energy efficiency that ignore the issue of embodied energy.
- \*Moving from petrochemical high energy material to low impact bio based materials such as hempcrete.
- \*Key issues such as health, indoor air quality, pollution
- \*The potential for low impact materials in future plans such as the EU renovation wave



#### Tom Woolley

is an architect and environmental researcher living in Northern Ireland. He is known for his work on sustainability, building materials and low impact construction. Tom has published widely on construction, planning, housing, green architecture and buildings and health. As a consultant he is involved in a range of EU sustainability standards working groups and member of the Irish Hemp Co-operative.

# 20.05.21 16-18:00

**online lecture via zoom**  
(contact [basehabitat@ufg.at](mailto:basehabitat@ufg.at) for access)

**BASE**habitat  
builders of change

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