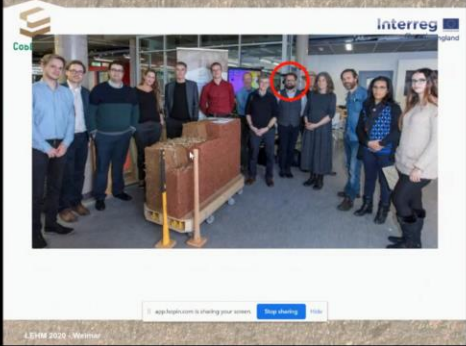


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Clayfest International Virtual Conference 2020 Earth Building UK and Ireland Time Left 1d:5h:57m

CobBauge briefing and live lab session - With Tom Morton, Steve Goodhew, Karen Hood-Cree, Jim Carfrae and Kevin Owen



tom MORTON

Chat Polls People

Event Stage Direct Messages

RC Róisín Nic Cóil an hour ago
<https://pollev.com/ebukipolls660>

Feile Butler a few seconds ago
 @Scarlett Lee Look forward to hearing how you get on

LH Louise Halestrap a few seconds ago
 cant see, you need to screen share tom

LH Louise Halestrap a few seconds ago
 cant see tom

BL Becky Little a few seconds ago
 phew

PC Pamela Cabrera a few seconds ago
 Thanks @Liam Donohoe !! I would love to hear about how that's accounted for. About the industry, that's too bad, because thermal mass has a big impact on comfort, and earth is all about that.

KH Karen Hood-Cree a few seconds ago
 Hooray -)


David Taylor a few seconds ago
 the technical hiccups are fun!

Type here to search

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Clayfest International Virtual Conference 2020 Earth Building UK and Ireland Time Left 1d:5h:47m

CobBauge briefing and live lab session - With Tom Morton, Steve Goodhew, Karen Hood-Cree, Jim Carfrae and Kevin Owen



tom MORTON

Chat Polls People

Event Stage Direct Messages

RC Róisín Nic Cóil 3 hours ago
<https://pollev.com/ebukipolls660>

SL Scarlett Lee a few seconds ago
 Thanks @Feile Butler ;)

AH Andy Hibberd a few seconds ago
 Hopefully

LD Liam Donohoe a few seconds ago
 There has to be a carbon tax linked to the embodied energy of new materials, that and stop the unfair discrimination in retrofit grants schemes in favour of synthetic materials, which drive the market

LD Liam Donohoe a few seconds ago
 Retrofit schemes through the EU are big business for the next ten years, and as they say in the US, 'that's YOUR money' ;)

Rowland Keable a few seconds ago
 @Liam Donohoe absolutely, please be in touch after about how to get the Ebuki voice into the conversation

LD Liam Donohoe a few seconds ago
 will do Rowland

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(20+) CobBaugi x Virtual Internat... x Clayfest Internat... x CobBauge Inter... x Main Stage x Clayfest_2020_5 x Research Festiv... x Le projet CobB... x


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ebulli Clayfest International Virtual Conference 2020 Earth Building UK and Ireland Time Left 1d:5h:32m 92 KH

CobBauge briefing and live lab session - With Tom Morton, Steve Goodhew, Karen Hood-Cree, Jim Carfrae and Kevin Owen

Reception LIVE Stage Sessions Networking



Chat Polls People

Event Stage Direct Messages

AC Annabel Cameron-Duff a few seconds ago
 Is that a standard mortar mixer or has it been adapted for mixing the hemp? Like the ones used to make hempcrete?

BL Becky Little a few seconds ago
 Hello @Pamela Cabrera so good to know you are here x

BL Becky Little a few seconds ago
 normal mixer @Annabel Cameron-Duff you can do it in a belle mixer too

Kit Jones a few seconds ago
 This is absolutely fantastic. Such a great way of bringing it to life online!

AC Annabel Cameron-Duff a few seconds ago
 Thanks Becky

LD Liam Donohoe a few seconds ago
 Unreal. Just brilliant

BL Becky Little a few seconds ago
 No fermenting at the moment @Samantha Fruhwirth but an interesting idea - lots of folk playing with fermentation at the moment, mainly for workability and durability in plasters.

Start typing... 500

Type here to search 12:28 27/11/2020

(20+) CobBaugi x Virtual Internat... x Clayfest Internat... x CobBauge Inter... x Main Stage x Clayfest_2020_5 x Research Festiv... x Le projet CobB... x


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ebulli Clayfest International Virtual Conference 2020 Earth Building UK and Ireland Time Left 1d:5h:32m 93 KH

CobBauge briefing and live lab session - With Tom Morton, Steve Goodhew, Karen Hood-Cree, Jim Carfrae and Kevin Owen

Reception LIVE Stage Sessions Networking



Chat Polls People

Event Stage Direct Messages

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BL Becky Little a few seconds ago
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AC Annabel Cameron-Duff a few seconds ago
 Any links to the fermentation process Becky?

David Taylor a few seconds ago
 Absolutely in awe of the research you lot are doing! SO SO GOOD

Start typing... 500

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(20+) CobBaugi x Virtual Internati x Clayfest Internat x CobBauge Inter x Main Stage x Clayfest_2020_5 x Research Festiv x Technical docu x +


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abuki Clayfest International Virtual Conference 2020 Earth Building UK and Ireland Time Left 1d:5h:29m

CobBauge briefing and live lab session - With Tom Morton, Steve Goodhew, Karen Hood-Cree, Jim Carfrae and Kevin Owen

Reception
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Chat Polls People

Event Stage Direct Messages

David Taylor a few seconds ago
 @Becky Little I am after the data in the presentation in document form. Is that available?

KH Karen Hood-Cree a few seconds ago
 I second Francois and Becky, thank you for your very encouraging messages.

LH Louise Halestrap a few seconds ago
 I agree with Kit and Liam, loving the interactive element, the research and actually seeing some mud at Clayfest, well done @COBBauge team!

LD Liam Donohoe a few seconds ago
 yes, finally some mud haha

KH Karen Hood-Cree a few seconds ago
 There is some technical data available on our website
<http://www.cobbauge.eu/en/technical-documentation/>

Sarah Roberts a few seconds ago
 Looking forward to some potential pre-fab developments in the future. Is this a possibility?

Start typing... 500

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ENG 12:31 27/11/2020

(20+) CobBaugi x Virtual Internati x Clayfest Internat x CobBauge Inter x Main Stage x Clayfest_2020_5 x Research Festiv x Technical docu x +


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CobBauge briefing and live lab session - With Tom Morton, Steve Goodhew, Karen Hood-Cree, Jim Carfrae and Kevin Owen

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Chat Polls People

Event Stage Direct Messages

BL Becky Little a few seconds ago
 @David Taylor, @Karen Hood-Cree just put a link in the chat.

David Taylor a few seconds ago
 that tampo is making my joints hurt just looking at it haha

David Taylor a few seconds ago
 @Becky Little thanks

AC Annabel Cameron-Duff a few seconds ago
 This is amazing to see how much it has come on. Well done guys!

AH Alison Hilton a few seconds ago
 This is very exciting. Are there any ties linking the two layers? How do you avoid separation between the two different densities?

PC Phil Christopher a few seconds ago
 Loving the live feed! I missed a bit, what U-value is this approach achieving? And what happens if regs are made tougher (which would be great)?

BL Becky Little a few seconds ago
 @Annabel Cameron-Duff Rebecca will definitely be around tomorrow.

Start typing... 500


Type here to search

ENG 12:34 27/11/2020

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Clayfest International Virtual Conference 2020 Earth Building UK and Ireland Time Left 1d:5h:22m

CobBauge briefing and live lab session - With Tom Morton, Steve Goodhew, Karen Hood-Cree, Jim Carfrae and Kevin Owen



Chat

Event Stage Direct Messages

Francois Streiff a few seconds ago
@Alison Hilton, it's just the power of clay! Ties consist only of overlapping layers. There is no separation created between the two layers. They are really intimately linked because they are used fresh on fresh.

Becky Little a few seconds ago
@Alison Hilton no ties across the whole structure but sometimes I think mesh has been included in areas such as corners.

Becky Little a few seconds ago
there you go!

Karen Hood-Cree a few seconds ago
Good to see you all back and well done, that was fantastic :-)

Francois Streiff a few seconds ago
You're right Becky, some synthetic mesh in the corner


Andy Horn a few seconds ago
What kind of force do you use with the tamping or how do you maintain a standard of density ...is the lightweight material less heavily tamped, as the density will affect insulation ...can you comment on this.

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Clayfest International Virtual Conference 2020 Earth Building UK and Ireland Time Left 1d:5h:22m

CobBauge briefing and live lab session - With Tom Morton, Steve Goodhew, Karen Hood-Cree, Jim Carfrae and Kevin Owen



Chat

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Liam Donohoe a few seconds ago
Yes some research on fibres is inconclusive, with relation to hemp, what some researchers said is that the more consistent it is, is the key variable

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ebuli Clayfest International Virtual Conference 2020 Earth Building UK and Ireland Time Left 1d:5h:21m

CobBauge briefing and live lab session - With Tom Morton, Steve Goodhew, Karen Hood-Cree, Jim Carfrae and Kevin Owen



Chat

Event Stage Direct Messages

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LD Liam Donohoe a few seconds ago
Yes some research on fibres is inconclusive, with relation to hemp, what some researchers said is that the more consistent it is, is the key variable

PH Peter Hickson a few seconds ago
Are you looking at optimising walls based on solar orientation? Dynamic performance changes with solar orientation and differential across the walls etc.

Francois Streiff a few seconds ago
the dense cob on site is just rammed by walking just to move air out. Light earth is one issue we have. Just waling is ok, if you have a small and thin builder!


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12:39 27/11/2020

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CobBauge briefing and live lab session - With Tom Morton, Steve Goodhew, Karen Hood-Cree, Jim Carfrae and Kevin Owen



Chat

Event Stage Direct Messages

Francois Streiff a few seconds ago
the dense cob on site is just rammed by walking just to move air out. Light earth is one issue we have. Just waling is ok, if you have a small and thin builder!

Sarah Roberts a few seconds ago
HG Matthews crush the raw material which means the natural stones become the ballast

AC Annabel Cameron-Duff a few seconds ago
What is the ratio of particle sizes of aggregate i.e. gravel size, sand to dust?

Dan Maskell a few seconds ago
How does decreasing the density impact the thermal mass effects of the material? Is there greater sensitivity (across a range of properties) to moisture movement. I assume this will be accounted for in the experimental work?

AH Alison Hilton a few seconds ago
I do very much believe in the power of clay, @Francois Streiff ! But I am imagining that the lower density mix could be less sticky than the higher density mix, and that once the wall starts bearing its load, the bonding between the two different mixes could be a weak point?


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12:40 27/11/2020

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CobBauge briefing and live lab session - With Tom Morton, Steve Goodhew, Karen Hood-Cree, Jim Carfrae and Kevin Owen



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Event Stage Direct Messages

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Andy Hibberd a few seconds ago
Very interesting - is any historical research being conducted in tandem with your work. How clay construction was done in Victorian England for instance? Our Clay Lump barn was built in about 1830/40 using the tech of the time - still standing. When carving I have about 200 Victorian chisels some adapted for particular jobs which I use - better steel. Look to the past perhaps


David Taylor a few seconds ago
very interesting that answer to the shrinkage... thanks

Start typing... 500

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ebuli Clayfest International Virtual Conference 2020 Earth Building UK and Ireland Time Left 1d:5h:16m

CobBauge briefing and live lab session - With Tom Morton, Steve Goodhew, Karen Hood-Cree, Jim Carfrae and Kevin Owen



Reception
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Chat Polls People

Event Stage Direct Messages

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David Taylor a few seconds ago
very interesting that answer to the shrinkage... thanks

Becky Little a few seconds ago
@Alison Hilton the light earth has a very sticky rich slip, so not a sandy cob soil - that helps the bonding and means you can go lighter.

Francois Streiff a few seconds ago
@Alison Hilton it doesn't appear yet. What we are seeing actually is that we have a different shrinkage, which produces an horizontal crack in light earth. That gives us the indication that instead of producing a separation between cob and light earth, they still stick together.

Start typing... 500

(20+) CobBauge x Virtual Internat... x Clayfest Internat... x CobBauge Inter... x Main Stage x Clayfest_2020_S x Research Festiv... x Le projet CobB... x +

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ebau Clayfest International Virtual Conference 2020 Earth Building UK and Ireland Time Left 1d:5h:14m |→ 85

Clayfest 2020 - on Lunch break - be back soon!

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Tom MORTON

Rowland Keable

Jim Carfrae

Chat Polls People

Event Stage Direct Messages

depths all mixed in to build my house 20 years ago, Steve did the strength testing on it, and it worked. You just have to use the soil that you have and the straw that you can get and develop your own way of working with it bringing in the

David Taylor a few seconds ago
Awesome... Thanks everyone!

Geraldine Cussen a few seconds ago
Thank you so much!! Fantastic stuff!!

Alison Hillton a few seconds ago
@Becky Little , @Francois Streiff , thanks for your answers -> Very happy to have found out more about this project and seen the work in progress.

Karen Hood-Cree a few seconds ago
Please make contact with us through our website using the contact form and we will try and answer as many questions as possible: <http://www.cobbauge.eu/en/>

Becky Little a few seconds ago
@Andy Hibberd yes this is all inspired from the past - a lot of us in Cobbauge work in heritage too.

Start typing...

Type here to search

ENG 12:46 27/11/2020