



ASBP & CIBSE Webinar: TM65 – A calculation methodology for embodied carbon in building services

Thursday 10th June 2021, 13.00-14.30

Chat transcript

13:14:07	From Danny Lee : What is the carbon breakdown impacts between project below and above £5m?
13:15:17	From Richard Broad (ASBP) : http://bitly.com/carbondefinitions
13:17:16	From Richard Broad (ASBP) : https://www.leti.london/carbonalignment
13:17:59	From Richard Broad (ASBP) : https://www.architecture.com/knowledge-and-resources/knowledge-landing-page/built-environment-summit-open-call
13:18:27	From Prof Lubo Jankovic, University of Hertfordshire : Will the slides be available?
13:18:50	From Richard Broad (ASBP) : Yes, we'll share the slides after the event.
13:25:03	From Danny Lee : Can you help. I cant save the chat links?
13:25:51	From Larry Tate ASBP : Hi Danny, we can send the chat links in the follow up email after the event.

13:26:01	From Richard Broad (ASBP) : I don't think Zoom allows you to copy and paste from the Chat directly. If you open them up in your web browser you will be able to copy/save the link there. We will also share the links with all attendees via email post-event.
13:26:09	From Danny Lee : Thnks
13:33:10	From Florence Collier : How realistic are the refrigerant "very high leakage" scenarios? If you consider leakage from HPs, do you not consider leakage in natural gas installations?
13:34:11	From Danny Lee : With respect to WLC and heat pumps. Is there a simple at a glance metric system that will be used. eg., A+, B, C etc . Or....? Will any system be international under an ISO standard or...?
13:38:36	From Prof Lubo Jankovic, University of Hertfordshire : Speaking of heat pumps and other systems like PV for instance, are we taking into account the emissions embodied in the manufacturing and how?
13:41:14	From Peter Egan : can we design these type of products to be cycled, and is it commercially viable presently to do so.
13:41:52	From Richard Broad (ASBP) : https://asbp.org.uk/workstream/environmental-product-declarations
13:53:13	From Danny Lee : If DfD then waste consideration is not needed or not much. Do you cover this in TM65?
13:54:28	From Jane Anderson : TM65 https://www.cibse.org/knowledge/knowledge-items/detail?id=a0q3Y00000IPZOhQAP
13:56:41	From Colin Rice : I imagine the supply chains for MEP kit is really complex with materials and components going back and forth around the world. Is this really reflected in the transport measure?
13:57:06	From Florence Collier : refrigerant type?
13:57:16	From Mark Gorgolewski : Location of manufacture is missing
13:57:21	From Danny Lee : carbon coef?

14:00:26	From Peter Egan : thank you
14:00:44	From Mark Gorgolewski : Is it sufficient to use National electricity carbon intensities. In some countries this varies hugely across the country - e.g. Canada
14:02:17	From Harry Michalakakis : We need the remaining 5%?
14:02:48	From Peter Egan : apologies I have to dropout, but great presentation. thank you
14:09:11	From Prof Lubo Jankovic, University of Hertfordshire : Given the complexity of the supply chain processes, would it be prudent to say that we will never know the true scale of embodied carbon, unless we find a way of tracking each individual component?
14:10:25	From Danny Lee : what is the cost of a TM65 assessment of a product?
14:14:18	From Danny Lee : Good presentation and examples
14:19:59	From Richard Broad (ASBP) : https://www.egglighting.com/egg-circular/
14:22:58	From Danny Lee : Great idea Prof Jankovic. We need material passport on the blockchain
14:23:25	From Florence Collier : I was just going to mention blockchain @Danny!
14:24:13	From Colin Rice : Basic question: do you know if there are there EPDs for 'everyday' services things like cables, pipes, electrical sockets etc - light in weight but with big manufacturing costs?
14:24:34	From Danny Lee : Not difficult - just need agreement and regulation. How about wake-up call to COP26 BY ASNP?
14:24:47	From Danny Lee : ASBP
14:27:54	From Prof Lubo Jankovic, University of Hertfordshire : Blockchain sounds like a possibility, but the servers that run it will add operational and a percentage of embodied emissions!

14:28:27	From Danny Lee : Put the servers in Iceland perhaps?
14:29:05	From Jane Anderson : www.inies.fr
14:29:09	From Richard Broad (ASBP) : List of EPD for UK products - https://asbp.org.uk/online-briefing-paper/epd-uk-products
14:29:13	From Larry Tate ASBP : Hi all, please let us know what you thought of our event by filling in this short feedback form. It should take no longer than 2-3 minutes
14:29:15	From Larry Tate ASBP : https://forms.office.com/r/c6ijfyCrmZ
14:30:46	From Richard Broad (ASBP) : https://asbp.org.uk/briefing-paper/epd-where-to-find
14:31:38	From Louise Hamot : https://www.elementaconsulting.com/wp-content/uploads/2019/08/Whole-Life-Carbon-of-heat-generation-April-23.04.19.pdf