

## Finlayson, Ian (ENE)

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**From:** David Deming <demsticks2u@gmail.com>  
**Sent:** Friday, 12 August 2022 1:29 PM  
**To:** STRETCHCODE (ENE)  
**Subject:** Embodied carbon footprint(s)

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"Our living atmosphere, if earth were the size of a basketball, is as thin as cellophane food wrap. - NASA".

Considering that the Union of Concerned Scientists have stated we (our climate) is on RED alert, I would like to see a carbon "footprint" (manufacture of products, diesel fuel usage, commuting, product choice, lifespan) calculation required for all building projects, residential, muni, & commercial. There are now many APPs for doing this.

I would like to recommend a few products which will help.

1.) Approve ONLY cellulose (where available). It's footprint is by far the lowest.

2.)@ "The Tstud". Stops thermal bridging, eliminates the general need for exterior insulation, all wood product. When used with cellulose, it's a huge reduction in carbon footprint.

3.) Areogel aggregate or Glavel.

Recycled glass foamed. Compactable, sub-slab aggregate with R-value eliminating rigid foam insulation. Eliminates labor time, rigid foam production and possible diesel fuel transport cost (depending on prox. to plant).

Thank you for your close attention to our atmosphere. Time is running out.

Sincerely, Dave Deming  
Williamstown, Ma.  
Contractor of 43 years