

HFES Sustainability Technical Group Monthly Meeting
Monday, November 11, 2024 at noon Eastern time (Agenda below)

We have had problems with the zoom link and have been sending out a new link for every monthly meeting. But the next meeting will use the same link as last month....

Join Zoom Meeting....

<https://us02web.zoom.us/j/87001273473?pwd=8aBTS9f8rYpq3aBeufdIbYO36JbRY1.1>

Meeting ID: 870 0127 3473

Passcode: 860199

Chair: David Rempel. Meeting Catalyst: Dan Gottesman

1) Introduction of new members

- 2) Please join the Sustainability TG** <https://my.hfes.org/subscription/join-technical-group> For problems please contact Amrita.Maguire@dell.com or danpgottesman@gmail.com
STUDENT MEMBERSHIP IS NOW FREE

3) 2025 HFES Annual Meeting: October 12-17. Chicago.

a) Amrita will likely be program chair for 2025

4) STG elections:

- a) Upcoming Election: 10/28/24 to 11/18/24
i) Chair (serves one year): Shraddha Swaroop
ii) Annual Meeting Program Chair Elect (serves one year): Amrita Maguire
b) Call for Nominations: (looking for people for these tasks)
i) Vice-chair (serves one year):
ii) Annual Meeting Program Vice-Chair (serves one year):
c) New leadership starts: 1/1/25
d) **** Need to get bios to to Steve Kemp ASAP ****
“Ogar” sent email look for this.
we will all get ballots soonm after bios get submitted.

5) HFES Sustainability Policy Statement (Andrew T)

a) Andrew: not yet done and suggested that his be coordinated with our TG description.

6) Recording of APA and HFES Webinar Conversation on Sustainability.

On October 24 the American Psychological Association and HFES presented a fascinating hour-long conversation on Sustainability with 3 experts, including our very own Andrew Thatcher (the new President of IEA), Jiaying Zhao from the University of British Columbia, and Katelyn Stenger of NREL. Thanks to Mark Chan for organizing the event. The conversation tackled issues related to behavior, design, policy, impact, and technology. The webinar can be viewed at <https://www.youtube.com/watch?v=AZThd4kdtPQ>.

- ***** GREAT DISCUSSION!
- how should we share and mark it with HFES - post again on HFES and LinkedIn
- ~100 attendees
- Agreed it was successful.
- LinkedIn chat was good.
 - can post this link into HFES
 -
- Can this be shared to other TGs
- Work with AiHA (Mary) as they are also working on a sustainability statement. (AIHA, APA, Safety too.
- Landing page for each TG now is on new HFES website.
- Can ask Steve Kemp to run as a feature on HFES home page.Keith)
- Nov 19 there is an event. share relative to this. (Amrita)

- AIHA (Mary) sustainability group 3rd Thursday at 3:30 (likely in 2025) offer to attend and present (?Amrita, David, ??? Mary would set up.)

-

7) Updates on other Potential Webinar Topics

- a) Drone delivery service and sustainability. (Shraddha Swaroop)
 - i) initial contact began. Looking for industry person)
 - ii) Amrita may have a Dell person suggestion.
 - iii) compare drone delivery for last mile and is there a GHG difference
 - iv) emerging tech industry may not want to expose their cards
 - v)
- b) Sustainable Supply Chains (Product Design TG Kathryn Tippey, Rehka)
 - i) KT not able to support this.
 - ii) Rehka will be doing a paper on Chem industry and HF
 - (1) Rehka will try to share the recording of this webinar, if possible.
 - iii) Keith will put out to the TG and we are looking for case studies on HF and Supply chain sustainability partly drive by ESG and related to human performance issues.
 - iv) corps want vendors to participate in reducing the GHG contribution of their role in the product development and production,
 - v) seeking collaborators to be on a panel on this topic.
 - vi)
- c) Human roles in recycling: success and limitations (Dan O, Sara R, Augustine A)
 - i) African (Ghana) perspective from Augustine
 - ii) Mary has contact with person (Vanessa) from Brasil in this area.
 - iii) US current household and industrial
 - iv) IT recycling for resale and refurbish Disposition sites
 - v) to ship outside country or not (Europe)
 - vi) US state by state differences
 - vii)
- d) HF Education with examples (Education TG / Gretchen M, Nancy B, Carryl B, CalState LB)
 - i)
- e) HF and mitigating AI energy consumption (Human AI Robot TG, Joseph Lyons, Joe M, Mary O)
- f) Sustainability in Health Care (Health Care and Product Design TG, Susan K, Mary O)
 - i) David will contact Susan
 - ii) David looking a clinics and hospital waste reduction
- g) Getting to Net Zero (Industry, Macroergonomics TG Hanna Barton, Andrew T, Chris Reid)
- h) Environmental Design TG (Clive D'Souza, Claudia Mont-Alvao)
 - i) We need a contact into Environmental design TG David will ask Shradda
 - ii)
- i) EU Green Deal – SPDR (Sustainable Product Design Regulation) and French Repairability Index (Product Design TG, Amrita Maguire)
 - i) How might we align in the US with the EU Green Deal?
 - ii) French repairability index.
 - iii) in US need to work with these
 - iv) need to bring in the green issues at the early stages of design
 - v) fines have been assessed ** how do fines apply to specific products? (Amrita) - get to thiJAN and may fit into Annual Meeting
 - vi) baby monitor are one involved products.
 - vii) Rehka doing case study related to faster manufacturing for Green construction. Suppliers need to meet requirements of the european customers. Amrita and partner with Rehka for annual meeting with European HFE people.

viii) Keith - on Disposable and reuse in medical there has been big movement to single use away from sterilizing. / tube sets and many other items. David suggests Keith and Susan speak about this.

8) Next meeting December 9, 2024, noon Eastern

- a) be aware of annual meeting -- best to do joint sessions with other TGs
- b) help people manage energy use smart thermostats how can people leave about how much there energy use costs and the implication designing visual displays to help people understand.
- c) at IEA in AU display at front deck of the building energy use and water use.
 - i) how about letting people pay less if they use less energy
- d) David has app on phone that shows his real time energy usage.
- e) how might we use the HF aspects and awareness to extend understanding.

Announcement:

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Meeting Agenda and notes post meeting at:

[W HFES Sustainability AGENDA November 11, 2024.docx](#)

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