

AIASF COTE Monthly Meeting Minutes

Meeting Date: Tuesday, September 21st, 2021; 12:30 PT Zoom Meeting

Next Virtual Meeting: **Tuesday, October 19th, 2021 @ 12:30pm PT USE THIS ZOOM MEETING WEB LINK:** <https://us02web.zoom.us/j/86595038333?pwd=dDlyYTNjcjRlUjJpSENsM1RucFRtdz09>

Meeting ID: 865 9503 8333 Pass Code: 361582

Or call in: +1 669 900 6833 US. Meeting ID: 865 9503 8333 Pass Code: 361582

Download the iCalendar(.ics) file to your calendar system [HERE](#).

****Action Items in red** are highlighted with double asterisks. *New Items* are in italics. Links underscored.

ATTENDEES:

*Leadership Group: **Mark Kelly** | BAR (COTE Co-Chair); **Charlie Stott** | Stott Arch (COTE Co-Chair) | Stott Arch; **Gail Napell** | Gensler*

*COTE Members: **Alely Ramos** | Design Draw Build; **Anish Tilak** | RMI; **Bjorn Myum** | BRW Architects; **Carla Dal Mas** | TEF; **Doug Speckhard** | EHDD; **Heather Ferguson** | HDR; **Liz Bishop** | SERA; Erin Feeney | **Lori Jue** | Forell Elsesser; **Suyama Bodhinayake** | Bauer Architects*

DISCUSSION ITEMS:

1. General Discussion:

a) AIA National COTE Network Communications & Resources:

- **The Sept/Oct 2021 COTE Newsletter** is live, penned by Betsy Del Monte, the 2021 COTE Chair. Betsy writes about the latest IPCC report & design profession's climate imperatives.
- **Quarterly Network Conference Calls:** 11am PT (2pm ET): Scheduled for February 9, May 11, August 10 & November 9, 2021 + Deep Dive conversations on various topics throughout the year. Contact April Ovens at AIA National to sign up: aprilovens@aia.org
- **Resilience Committee (National):** Gail Napell reported ongoing activities:
 - **Resilient Design Process Guide** – expected publication date late 2021. **9/21/21 update:** *Comments have been collected and will be shared with AIA Resilience Committee.*

b) AIA California COTE Network Communications & Resources:

- **COTE CA:** Ongoing initiatives & efforts:
 - **Quarterly CA COTE Network Call.** Contact Hillary Krek hkrek@aicalifornia.org to join.
 - **Education:** See online Climate Action Webinar Programs developed by AIACA.
 - **Highlights from CA COTE Quarterly Mtg. in September:** *(9/21/21 Updates in italics):*
 - **AIACA declares a Climate Emergency.** *Many local chapters have signed on.*
 - **AB-1010** *adds carbon ed to CA Arch licensing reqt, and has been signed into law!*
 - **Resilience/Adaptation Comm:** *Working on outreach to components about best practices + creating resilience handbook. Gail Napell has joined chair Tian Feng on the CA committee, and has sent out a Chapter questionnaire to gauge needs.*
 - **Codes:** *The CEC voted to adopt new electrification standards for newly constructed and renovated buildings in the 2022 energy code round.*

- **Advocacy:** Committee is ramping up reach code efforts in SoCal; slow but steady. Comm. Is working on letter templates to write media outlets on various topics.
 - **COP26/Edinburgh:** AIA & Arch 2030 sent an open letter to world leaders attending COP26 in November to step up carbon targets. Read full article HERE.
 - **December Meeting Agenda:** Best practices to electrify existing bldgs.
- c) **2021 SF COTE Programs & Reach** (2020 discussion with 9/21/21 updates in italics): General conversation and action items included:
- **Partner with engineers and other organizations** to create programming and bring more people to COTE: AIA affiliates in bay area, LA, CA & beyond, AIASF subcommittees (BAYA, EQxD, etc.), Structural & MEP Engineering Firms, ULI, IIDA, SPUR, etc.
 - **Developers & Business:** Bring in business speakers to discuss sustainability issues from their perspective. Partner with ULI & USGBC, Microsoft, Google, etc. ****ACTION:**
 - **Local AIA Committees & COTES:** Partner with other committees & Include programs that scale sustainability topics to smaller firms. *Charlie gave Design Excellence presentation to AIASF Small Firms Comm in September & will follow up with a package to Small Firms Comm for their use. **ACTION: Charlie & Mark to reach out to BAYA (Will Searcy & Kevin Riley) Committees.*
 - **Programming & Program Topics:** (10/21/21 Discussion)
 - **Media Kit:** *Action: Erin Feeney & Carla Dal Mas to review draft USGBC media kit and edit for posting COTE events.*
 - **Questionnaire:** *Action: Charlie & Mark to send around questionnaire to find out what members want in programming for 2022.*
 - **Green New Deal:** *Heather asked how COTE (local & national) efforts mesh with GND?*
 - **Client Education:** (also see Item d below) *General concern that clients see high performance design as a “luxury” and expensive. Liz noted that SERA uses a “project compass” –list of questions reviewed with clients to focus strategies and get feedback early. Could be a good event topic! Carla noted that clients typically respond well to resilience & human health topics, and can be a good entry point for conversation.*
 - **Architect Education:** *Sustainability can be overwhelming and ed to smaller firms in particular needs to be geared toward their resources and requirements.*
 - **Specs:** *Info on updating specs with sustainability best practices would be helpful.*
- d) **Communicating sustainability with clients** (8/17/21 Mtg):
- Attendees agreed that clients still need convincing about including deep sustainability strategies in the design process. Investors and underwriters are increasingly viewing “business as usual” as a higher risk, which should help pivot client decision making.
 - All felt that the profession needs to shift the conversation from energy efficiency to embodied & operational carbon and resilience.

Meeting minutes continued on next page.

2. **2021 COTE EVENT CALENDAR:** COTE Committee members are developing the following program topics. **Please join an event Working Group that's of interest to you!**

Date/Time/ Location	Event Title & CE info & Price	Description & Action	Working Group & COTESF Leads
2021 EVENT CALENDAR:			
APRIL 2021: Tuesdays: April 6, 13, 20 & 27	<u>"PEC Water Conservation Showcase"</u> CE: Varies Cost: Free	Description: Annual event organized by Ryan Stroupe at Pacific Energy Center. Mark Kelly supports Allan Robles on planning. Update 5/18: Slides from all sessions are available at the https://www.waterconservationshowcase.com /site. **ACTION: <i>Contact Mark about DEI topic ideas/speakers for 2022 showcase: MKELLY@bararch.com</i>	Working Group: -Mark Kelly COTE SF Lead
JULY + OCT + NOV, 2021 1: Mon July 12 @ 12:30 2: Thur Oct 14 @ 5:30pm 3: Tue Nov 30 @ 5:30pm Zoom Events	<u>"The Great Reset" Series</u> CE: 1 LU HSW Cost: Free. <i>Series is sponsored by DBA & Jensen with \$750 donation by each firm. Thanks!!</i>	Description: 3-part "Post Pandemic" series discussing: -Part 1 " <u>Tools for Design Practice</u> " (Video) Mon July 12 th @ 12:30. -Part 2 " <u>Technology & Research</u> " Thur Oct 14 @ 5:30 -Part 3 " <u>Advocacy & Design Leadership</u> " Tue Nov 30 @ 5:30 **ACTION: <i>Maggie Morrow & Erin Feeney to gather program & speaker info for Part 2&3 for posting on AIASF calendar.</i>	Working Group: -Emily Gosack/Jensen -Katie Ackerly & Erin Feeney/DBA -Maggie Morrow/Petersen Studio; Gail Napell/Gensler
NOVEMBER 2021 Wed Nov 3, 12:30-1:30 Zoom Event	<u>"Building Electrification Retrofits"</u> CE: 1LU HSW Cost: Free. Series sponsored by LMS. Thanks!	Description: Electrification for building retrofits, focusing on small commercial & MF residential case studies. **ACTION: <i>Steve & Anish to prepare event description, bios & head shots by end of Sept. May include PAE or Feldman architect for case study for smaller scale residential project.</i>	Working Group: -Anish Tilak / RMI -Steve Gross / Interface Eng -Charlie Stott COTESF lead.
OCTOBER 2021 Tue 10/12 @ 12:30-1:30 pm Zoom Event	<u>"Visual Delight in Architecture" – Lisa Heshong</u> CE: Cost: Free	Description: Discussion/Lecture with Lisa Heshong about her book " <u>Visual Delight in Architecture: Daylight, Vision and View.</u> " Intro/discussion with Kira Gould and Alice Sung. Update 8/17: <i>Hosted by AIAEB.</i> **ACTION:	Working Group: -Kira Gould/CONNECT -Alice Sung/Greenbank
Q4 2021 Date & Time TBD Zoom Event	<u>"Project Specific Water Recycling in SF"</u> CE: TBD Cost: TBD	Description: New 4/20/21. Presentation on SF's Water recycling ordinance and building impacts. Panel w/ system mfr, engineer/architect, project owner and PUC rep. WH2O Systems / Jurek Parodi CEO contacted COTE about topic. **ACTION: <i>Settle on Q4 or 2022 date (see below) and participants. Jurek to contact Paula Kehoe/SFPUC & owner's rep. Brian Menrath @ Atelier 10 is confirmed.</i>	Working Group: -Jurek Parodi/WH2O Systems -Brian Menrath Atelier 10. -Others TBD

DEC 2021:	Holiday Party	Holiday Party TBD. Hoping In-Person!!!	
2021 Events Dates for Coordination	A21-AIA Convention: 6/17, 7/8, 7/29, 8/19 AIASF Arch+City: 9/10-30 (blackout all Sept) GreenBuild: 9/21-23 San Diego	AIASD Indigenous Arch: 10/21 TBD due to MDC. Monterey Design Conf Online: 10/22-24 AIASF Design Tech: Nov date TBD, or 1 st Q 2022	
AIASF Avail. Dates (as of June 2021)	Mon Oct 4 aft; Wed Oct 6 aft; Mon Oct 11 aft+eve; Tue Oct 12 eve; Wed Oct 13 aft+eve; Thur Oct 14 eve; Mon Oct 18 aft+eve; Tues Oct 19 aft; Mon Oct 25 aft+eve; Nov 1,2,3,5 aft; Nov 1&5 eve; Nov 8,10,11,12 aft+eve; Thurs Nov 18 aft + eve; Tues Nov 30 aft + eve.		

ADDITIONAL EVENT IDEAS FOR 2021 & BEYOND:		Target Date:
1.	Common App – How to Complete the AIACA awards form correctly (with Henry Siegel)	2022 TBD
2.	Zero Code -- What is the Zero Code & Why is it important? Or advocacy event?	2022 TBD
3.	AIA Framework for Design Excellence. (Pecha Kucha style initiative by Tate Walker).	2022 TBD
4.	Environmental Equity Event -- Collaboration with AIA EB COTE / Ben Levi; or with Raphael Sperry with <u>Architects & Designers for Social Responsibility</u>).	2022 TBD
5.	Small Projects Low Carbon Toolkit: Idea from Emily Gosack @ Jensen. Corey Squire interested in this topic as well. Geared to smaller firm / project needs.	2022 TBD
6.	Decarbonization in the Landscape: Idea from Maggie Morrow/ Petersen Studio about carbon impacts of landscape design, metrics & tools, owner education.	2022 TBD
7.	Resilience / Adaptation: Idea from Gail Napell to present updates to the <u>Architect’s Guide to Bus. Continuity</u> . Also the <u>AIA Fundamentals of Resilient & Climate Adaptive Design</u> and updates to the “Design for Change” Design Excellence toolkit language will be ready in early 2022 for presentation.	EARLY 2022 TBD

ANNOUNCEMENTS / INFORMATION / RESOURCES:

Sustainability Groups, Events & Competitions:

- **AIASF Events Calendar** (including COTE events)
- **AIA East Bay Events Calendar** (including COTE events)
- **SF Bay Area Collaborative** Ongoing Events. Part of the International Living Future Institute.
- **SF Municipal Green Taskforce Meetings**: 2nd Wed of each month @ lunchtime.
- **Carbon Leadership Forum - San Francisco**: See their website for events & virtual gatherings.
- **USGBC Northern California Chapter**
- **AIA Conference 2021**: Virtual Event Jun 17, July 8 & 29, Aug 19.
- **Net Zero 2021**: Sept 13-16, LA CA -- 2 days Virtual events + 1 day Live expo
- **Greenbuild 2021**: Sept 21-23, San Diego CA in person & virtual
- **Getting to Zero Forum 2021**: Oct 27-29, NYC
- **Architecture at Zero Competition**: Submissions due Jan 11, 2022

General Sustainability Information Links & Resources:

- **AIA National COTE website & AIA COTE National Advocacy Info**
- **COTE Top Ten Award Winners 2020 & Prior year Top Ten award winners**
- **Architecture 2030**: Org advocating for reduction of green house gas emissions in the built environment.
- **Zero Energy Project**: Website with info & links to zero energy architectural strategies.
- **Architects' Guide to Business Continuity** – AIA's guide to business continuity in times of crisis.

TOOLS & RESOURCES:

AIA Sustainability Resources on various topics:

- The AIA's **Where We Stand** statement emphasizes the AIA's commitment to fighting climate change and AIA member's ethical and environmental responsibilities.
- **AIA Sustainability Resources & AIA Sustainability Advocacy Resources**
- **AIA's Blueprint for Better Campaign**. Answer with Action: How to help transform the practice of architecture to achieve a zero-carbon, resilient, healthy, just and equitable future.
- **AIA Framework for Design Excellence & AIA COTE Top Ten Tool Kit**: Provides ten relevant measures, guidance and links to assist architects in designing deep green projects.
- The **AIA's 2030 Commitment** is a measureable framework used by Arch firms to commit to and track their progress toward reducing energy use and greenhouse gas emissions compared to baseline info. It includes a Design Data Exchange (**DDx**) for annual progress measurement and reporting. This **video webinar** provides the Why? What? And Hows? of The 2030 Commitment.
- **AIA Resilience Tools**: Understanding Resilience and Qualities of Resilience, and How to Integrate Resilience into your Practice.
- Resilience: AIA's **Architect's Guide to Business Continuity** + free webinar
- AIAU's **Embodied Carbon 101** series covering all aspects of embodied carbon in construction.
- **Electrification NOW!**: A great overview from the AIACA on why & how to electrify everything!
- The **Common App** is a design award application format that incorporates the AIA Framework for Design Excellence. Various AIA chapters are adopting all or part of the new format.

De-Carbonization / Energy Reduction / Electrification Resources:

- **Benefits of Tracking and Reporting Embodied Carbon** (Building Enclosure Magazine)
- **Embodied Carbon: What you can Do Right Now** (arcCA Digest)

- **Getting to Zero Resource Hub** is a set of free resources and tools from NBI containing best practices, sample policies, charrette toolkits, cost and technology studies, and other tools for creating a zero energy / zero carbon building, economy and world.
- **The Financial Case for High Performance Buildings:** Read the AIA's "ROI of High Perf Arch," their Climate Action Appendix & AIACA's "Business Case" white paper by Leddy, Siegel & Feldman.
- **Zero Tool:** Online energy reduction tool for designers to set baselines and targets, compare a building's energy performance with similar buildings and to codes, and understand how a building achieves its current energy performance.
- **Life Cycle Assessments (LCA's):** LCA's measure various harmful emissions & environmental impacts generated by building materials' fabrication, installation and reuse. The **LCA Practice Guide** from the Carbon Leadership Forum (CLF) provides guidance on how to conduct an LCA. LCA tools include Autodesk's **Tally**, CLF's free software **EC3** that focuses on embodied carbon tracking, **Athena** for LCA and carbon assessment, and **One Click** embodied carbon calculator.
- **Carbon Smart Materials Palette:** Online tool providing guidelines for low/no carbon material selections, specifications and guidelines for emissions reductions. The CSMP supports and complements Life Cycle Assessments (LCAs) and Environmental Product Declarations (EPDs)
- **Material Carbon Database:** English database of embodied carbon of various materials. <https://circularecology.com/embodied-carbon-footprint-database.html>
- **Carbon Leadership Forum:** Webinars, events & resources on all things Zero-Carbon, including their online primer titled Embodied Carbon 101, and comprehensive Resource Library.
- **Cradle to Cradle Certified Product Registry:** Online database of products with CtC certification.
- **Zero Code:** National and International zero energy/zero carbon model code developed by Architecture 2030 and Charles Eley for 2020 adoption by local and state code jurisdictions.
- **A Pocket Guide to All-Electric Retrofits of Single-Family Homes** from Redwood Energy.
- **All-Electric Commercial Kitchen Info** from the Food Service Technology Center.
- **Electrification Resources** from the Rocky Mountain Institute (RMI)

Other Resources:

- **Intersectional Environmentalism:** A great conversation with Leah Thomas, Diandra Marizet and Rev. Lennox Yearwood, Jr. about building an inclusive and just environmental movement.
- **Healthier Materials Protocol:** AIA & ARUP developed this framework for design professionals to integrate healthier materials in building design by identifying resources and providing information on material health and safety. Also check out Perkins & Will's **Precautionary List**.
- **Healthy Materials Lab:** A resource for healthier building materials & more equitable design.
- **Zero Waste Design Guidelines:** NYC's guidelines target how to send zero waste to landfills.
- **IG | VISION:** Video webinars hosted by MEP engineering firm Integral Group on various topics.
- **Pacific Energy Center's Online Classes & Library:** A diverse resource for sustainable learning!
- **AB-262 Buy Clean California Act** & other California **State climate measures**.
- **Sustainable Performance Institute:** A very broad and deep resource for design firms & businesses striving to embed sustainability into their culture, process and project delivery.
- **Women in Sustainability-Design the Future Podcast** – a wonderful series of discussions with and about the many women activating sustainability in the design & construction arenas.

AIASFCOTE LEADERSHIP:

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