



Meeting Logistics & Information

Date	Wednesday – November 17, 2021	Attendees
Time	9:00 – 11:00 AM	Betsy Ames, Andy Buccino, Mike Browne, Rich Martin, Sara DeVico, Chris Mazzola
		Non-Attendees
Meeting Type	NEHERS Alliance – Board Meeting	Joe Rando, Dillon Swol, Mike Turns, Nick Jones
Facilitator	Mike Browne	Special Guests
Web Link	https://global.gotomeeting.com/join/122221509	

Meeting Motions			
<i>Motion #</i>	<i>Description</i>	<i>Movement</i>	<i>Favor/Oppose/Abstain</i>
1	to approve Oct. minutes	Andy motion, Rich second	5/0/0
2	to approve accounts payable of \$2,193.00	Rich motion, Sara second	5/0/0
3	To keep membership dues the same as last year.	Andy motion/ Dillon second	5/0/0
4	To submit a proposal for a RESNET conference session on embodied carbon	Chris motion, Rich second	5/0/0
5	To adjourn	Chris motion, Andy second	5/0/0

SECRETARY’S REPORT (*Mike T.*)

- Approve minutes from October Board Retreat

❖ **Motion Andy to approve October Board Minutes, second Rich, unanimously approved**

TREASURER’S REPORT (*Nick*)

- Accounts Payable

❖ **Motion Rich to approve AP in the amount of \$2193.00, second Sara, unanimously approved**

ADMINISTRATIVE ITEMS

- Nominations:
 - Petitioning email will go out Nov 15-30
 - Election runs from Dec 7-15
- The petitioning email is out, a reminder will go out early next week and on the last day.
- Andy isn't leaving the board just yet, so we did not include the associate seat on the ballot.

MANUAL (Dillon)

- Utility Cost Input Date from GDS is due Nov 15th.
- Dillon will review.
- Betsy will send notice to membership when posted. Remind them to use it.

TRAINING COMMITTEE (Joe)

- Winter 2022 Training Registration Update
 - We have 3 full registrations, 2 online only. Need 10 to break even.
- Update on Meetings with PSD
 - Didn't break a lot of new ground. PSD understands position of NEHERS, Emelie has moved up to VP, and they are bringing up others to run trainings with Ethan. Talking about how to make it easy to plug in new trainers, if PSD comes up short on time, so that other trainers within NEHERS can deliver. Betsy's involvement is up in air, bring more involved administratively. Will sit in on a training, will have to see if January will work or spring.
- Discussion on NEHERS becoming a provider
 - Talking about alignment of training with manual, conversation was revolving around roles and responsibilities of providership.
 - How far should NEHERS go as organization, should we be trainer, QA provider, mentor. There was a lot in the discussion.
 - Comes down to what QA provider members want to do. What would you need from us, what would your interest be. Maybe have staff QA person, when need extra help. Providers have QA worked out, our role comes in when limited staff. Then call on someone to help with it. Worth asking. Can't expect a single person to do the whole thing.
 - The idea of mentoring, supposed to be QA provider role.
 - Have to pay those positions. How to increase revenue of NEHERS to consistently support that?
 - Shakey proposition, could be giant headache. Current model of all volunteers. Even if people pick up smaller fraction, would keep QAD busy. Bounce idea around more with QA providers. But could put survey out to see what kind of interest. Could do both providers and members.
 - Think of NEHERS serving primarily providers, serve interest first. Can get confusing, can be weird to go around them.
 - We also support raters. RESNET model is that rater is directed by provider. NEHERS is here to keep providers on same page. Careful if NEHERS becomes authority for rater, it's outside that model.

- Forum- Chris gets emails if people post, not used that much. How much that needs someone to stimulate it as a forum. Stimulate discussion. Like insulation grading.

STANDARDS (Sara)

- No RESNET Standards, but there will be more coming
 - Energy Star Residential New Construction Program Roadmap
 - DOE Zero Energy Homes Program Version 2
 - List of topics for webinars
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- Not a ton to report, RESNET pretty quiet, but more at end of year.
 - Had a bunch in Oct and Nov, software changes.
 - Energy star frame-work and road map- commented on. Supports what they are going for, but had concerns about choices making with the 3.2 program, and the CEU certification, no name for it, has to do with electrification.
 - Dec DOE zero energy v2 program are due, not lots of comments we hadn't already made in review 1st draft of IAP standard, still waiting on second draft.
 - Topics for webinars- 10 min segments. Not yet drafted list. People can send suggestions to Sara. January will be 301-2019 will be mandatory, 380 changes, whatever else might hit Jan 1st. Then more topical.
 - 301 topic for 10 minute webinar segment. For Dec.
 - For webinar, we can start with some generic questions for RESNET. See what's covered in December and dial in January. New standard coming into effect.

QAD (Sara)

- Draft PDS-02 MINHERS Addendum 58f
 - Draft PDS-01 BSR/RESNET/ICC 301-2019 Addendum C-202x
 - Retiring the QA Delegate
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- Straightforward. A few standards specific to QA. Commented but they were editorial. If addendum 58 ask to simplify language, saying you can do pre-drywall QA, but can't fulfill someone's 1% QA requirement in consecutive years.
 - Duct leakage, more software stuff. To see if met certain exemption conditions.
 - Reminder talked about doing it before, tabled during pandemic, talking about doing it by July 1, you are a certified QAD or not doing QA.
 - Talking about a performance QA incentive for providers. Seen a lot of resistance. Proposing providers in good standing allowing them to do half the QA they are doing, allowing for the top 50% of raters not go through annual field QA.

WEBINARS (Andy)

- November 10th: No webinar this month
- December 8th: RESNET overview
- **PELIMINARY 2022**
 - January: Standards Update with Sara

- February: Monitoring Electrification- Mike Duclos
- March: RESNET Conference Recap
- April: Carbon Credits- Carrie Gill/ David Goldstein/ Boston Decarbonization Committee/ Carbon Leadership Forum (formerly Boston) New England
- May: Programs Webinar- Mike Turns code change coming in July 1 for IECC
- Additional Items:
 - Building Engineering- Darol Harrison- potential paid?
 - Air to water heat pumps- SW Webb/ Smart Pac
 - John Seigenthaler (siggy0269@gmail.com)
 - Jake Marin (jmarin@veic.org)

- Laurel will be on in December. Will see what they put out, that will drive January. QA comments might be good to include for January.
- Also monitoring electrical use community music center. May include for Feb. Mike is coaching them. Aside from that to show improvements, putting in ERVs. Maybe Mike can include that. Nice to see realistic use monitoring outside PH. We are doing indoor air quality monitoring as well. Remodel, 1840s, made it LEED silver, but never put in ERVs.
- April we will be looking for the presenters for that. Hopefully by then we will have presented at both RESNET and NESEA.

MEMBERSHIP AND COMMUNICATIONS (Mike B)

- Vote on Membership Dues for 2022
- ❖ **Motion Chris and Rich second to keep rates same as last year. Unanimously approved.**
- Provider, Program and Sponsor Follow Up
 - Steven Winter Associates has signed up for 2022!!! (Thank you Nick!!)
- Thank you Nick!
- Betsy will send updated lists for providers and programs. Sponsor list is unwieldy, but will also send.
- Mike will follow up with John Hensley.
 - Year-end membership renewals will begin in November
- We will get lists from current QAs, then invoices, then payments. Bulk of rater membership comes from QA Providers.
- Then soliciting former members and associate level things. That process will begin in a week or so.

ENERGY CODES (Mike T)

- Nothing New

EMBODIED CARBON (Chris and Andy)

- Meeting with David Goldstein
- Letter of Support
- RESNET Conference Session Nominations Submitted Oct 29
- NESEA Conference Session Submitted November 1



- Article from Mike: https://www.architectmagazine.com/carbon-positive/carbonpositive-if-we-act-together-now-we-can-change-the-world_o
- Founder of architecture 2030 calls out EC3 as the tool to use, the path to get there, includes-1) build to code, 2) make it electric, and 3) pay attention to EC using EC3. Focuses on residential and commercial. Possible contact to add to list.
- Andy saw Urban Sequoia- concept building for urban high rises, transforming built environment into a network for absorbing carbon, high rise timber with living walls. <https://www.som.com/news/at-cop26-som-unveils-urban-sequoia-a-proposal-to-transform-the-built-environment-into-a-network-for-absorbing-carbon/>
- Andy also signed up for TED talk Seattle- presented by director from Microsoft who sits on CLF, first TED talk on EC. Director of collective impact at CLF. <https://www.eventbrite.com/e/tedxseattle-2021-where-we-are-tickets-179023753867?aff=Website>
- Andy emailed Valerie and Emma to see when we will know about who gets to do conference sessions. Using the sessions to market with letter of support for this. Making 1-pager into white paper, editing that. Adding the data checklist. Including it so we can have continuity. Making point cleaner.
- We will try to get on the calendar to meet with the RESNET board. Betsy will send Andy updated letters so he can check with David about meeting with RESNET.
- Could ask Microsoft to partner with software, talked with Smedley about EC3 and Ekotrope.
- Chris has worked with Dave and Jacob how to reverse engineer DOE scorecard, how to calculate secondary score, MPG score. Open to be involved.
- Could they mock up home energy score report to include the EC savings, just like for CO2 now, but include EC. They would be open to it. Should look like optimizers financial costs vs performance. And long-term costs over time. Show people what we are imagining, show what output would look like.
- Jacob asked unsolicited, Andy is talking about it a lot. Genuinely enthusiastic about it. Good signs.
- They need money to do it, need Eric Whirling, DOE bucks.
- Microsoft, Ekotrope and EC3. Hard to imagine Ekotrope working with Microsoft, they are a start up, maybe would work, not sure. Ekotrope trying to build small company which could be sold. Microsoft could buy them. Would Microsoft build their own? Don't know industry, they easier to buy it.
- Ekotrope tried to meet expectations from years ago. Not brought back optimizer. Not available now.

TABLED ITEM FROM BOARD RETREAT

- Increasing Social Media Outreach (Chris)
 - Currently NEHERS has 117 followers on FB and 86 followers on LI.
 - Hiring a consultant
 - Webinar raffle prizes/ swag
- To rank higher on google searches we need to get board or members to write articles to post on the website. Have to determine what key words are. Must include top ways to reference embodied carbon, EC3. The more visual presence we have on google, the higher we rank, more people come to our site. Gets more members.
- Who writes it, organize it. Write articles. Each committee could write 1 article per year on what they are doing. Particular. Share to FB and LI. Put on website. With links to FB and LI. Communicate value to membership. Engage people to participate on committees.

- Tomorrow's RESNET presentation on VA loans, and habitat for humanity, how low their national HERS scores are. Focus on Cape Cod HFH. They didn't know about it. Chris sent them the email. Need to get word out, it's ok for people to register for presentations not in building science industry.
 - Do we currently post anything to FB or LI? Yes. Webinars, trainings, and publicity partnership.
 - How to grow number of followers on FB and LI. Can't friend people, they have to follow you.
 - Driving people to website and easy access to link to follow. Button to follow us. Have to drive people to website. Have to rank high in searches. People don't scroll down.
 - Not just about SEO, about getting word out as broadly as can.
 - Instagram can post to both. Any other platforms? If do something every month.
 - Betsy can pay more attention to adding links where applicable.
 - Betsy can call Kaitlin for tips on it.
- RESNET Board Dinner (Zoom)
 - Budget
 - Budget for 2021 was \$1813.37 for 46 people= \$39.42 per person
 - Invitation List (sent in advance)
 - Swag (preliminary list sent in advance)
 - Budget this year for \$40 per person. Sponsorship? Could raise amount per person, planned in conjunction with it as opportunity for membership.
 - Reviewed invitation list.
 - Reviewed swag list. Want things easy to package and ship.
 - New ideas- folding rule.
 - World's best scrapper- hard to reach middle with small one.
 - Polo shirt.
 - Chris can help with shipping.
 - <https://www.amazon.com/NEBO-Larry-Trio-Rechargeable-Work-Light/dp/B07XD6839Z>
 - Show in Austin: <https://3tenaustin.com/calendar/william-elliott-whitmore-0223>
- ❖ Motion to Adjourn Chris and Second Andy- unanimously approved.