

0:0:0.0 --> 0:0:0.790

Swanson, Tyler Jacob
Hi, Martha.

0:0:4.710 --> 0:0:5.420

Martha Kubakh (Guest)
Hi, Tyler.

0:0:6.100 --> 0:0:6.810

Swanson, Tyler Jacob
How are you doing?

0:0:7.350 --> 0:0:8.300

Martha Kubakh (Guest)
Good. How are you?

0:0:12.400 --> 0:0:12.850

Martha Kubakh (Guest)
OK.

0:0:8.860 --> 0:0:14.920

Swanson, Tyler Jacob
Good. How did the end of the I cap working group meeting go? Did it? Did they actually get to recommendations or no?

0:0:15.700 --> 0:0:23.620

Martha Kubakh (Guest)
Ohm. Honestly, I kind of like we had, like 10 minutes left or like maybe like 7 minutes left. So I kind of just can you see me, by the way?

0:0:25.30 --> 0:0:25.920

Martha Kubakh (Guest)
Like that.

0:0:24.70 --> 0:0:26.680

Swanson, Tyler Jacob
I cannot. I am looking at a black blur.

0:0:32.110 --> 0:0:32.370

Swanson, Tyler Jacob
OK.

0:0:28.70 --> 0:0:33.220

Martha Kubakh (Guest)
OK, let me let me try to do this because I have my camera on, but it's not ohk you're looking at my keyboard.

0:0:33.660 --> 0:0:34.180

Swanson, Tyler Jacob
Now I am.

0:0:35.600 --> 0:0:36.130

Swanson, Tyler Jacob
There you are.

0:0:53.230 --> 0:0:53.580

Swanson, Tyler Jacob
OK.

0:0:35.530 --> 0:0:56.990

Martha Kubakh (Guest)

Ohk. OK. There we go. I understand. Please. OK. Yeah. So there was like, 7 minutes left cause we basically ran out of time, but they were kind of like just give me, like, the quick summary. So I kind of just like, did a speed run of both proposals, but they were said they were gonna invite us to the next meeting too. So we can kind of go more in depth and whatnot cuz we didn't really get too much.

0:0:58.140 --> 0:0:58.610

Martha Kubakh (Guest)
Yeah.

0:1:1.110 --> 0:1:1.880

Martha Kubakh (Guest)
Yeah.

0:1:4.30 --> 0:1:4.390

Martha Kubakh (Guest)
So.

0:0:57.450 --> 0:1:6.210

Swanson, Tyler Jacob

Yeah, I could kind of tell once the first one took about 1/2 hour to get through that we probably weren't gonna be on the agenda today, but that's OK. We'll be there next month. Hi, Andy. How are you doing?

0:1:7.380 --> 0:1:9.600

Stumpf, Andrew J

Hi, how are you guys doing?

0:1:11.360 --> 0:1:11.930

Swanson, Tyler Jacob
Learn more.

0:1:13.840 --> 0:1:14.710

Swanson, Tyler Jacob
Trying to at least.

0:1:17.650 --> 0:1:21.590

Swanson, Tyler Jacob

Apartment is very drafty. I wish they had some better energy efficiency codes and they were building.

0:1:22.610 --> 0:1:25.440

Swanson, Tyler Jacob

Person better standards when they put it together.

0:1:27.970 --> 0:1:29.890

Stumpf, Andrew J

Coming through the window or the floors or the.

0:1:30.380 --> 0:1:50.460

Swanson, Tyler Jacob

Uh, the windows, they uh, they don't like fully seal. Even if there all the way down the window. Like is locked is still there's still a gap between the window and the outside, so it's not as bad in the upper floor is but on the ground floor it's like probably 5 to 10 degrees colder than it is up on the second or third floor. So.

0:1:51.400 --> 0:1:52.170

Swanson, Tyler Jacob

Very chilly.

0:1:57.250 --> 0:1:59.990

Stumpf, Andrew J

Martha, did we end up? Did you end up finishing?

0:2:0.680 --> 0:2:2.890

Stumpf, Andrew J

While the revisions to all the ICAP pages.

0:2:3.820 --> 0:2:5.770

Martha Kubakh (Guest)

I'm no I did it. I think we're.

0:2:12.630 --> 0:2:12.970

Stumpf, Andrew J

Umm.

0:2:18.730 --> 0:2:19.180

Stumpf, Andrew J

OK.

0:2:7.110 --> 0:2:20.20

Martha Kubakh (Guest)

The one that I'm Aman is doing the Green Lab Committee and then I'm doing the energy mandate. So I think we're still kind of revising that. I think we wanted to get somewhere opinions today to kind of finalize things.

0:2:22.130 --> 0:2:22.690

Martha Kubakh (Guest)

Yeah.

0:2:22.680 --> 0:2:23.140

Swanson, Tyler Jacob

And do.

0:2:23.810 --> 0:2:25.140

Swanson, Tyler Jacob

Great. Hi, Paul.

0:2:27.560 --> 0:2:28.110

Foote, Gerard Paul

Here you guys.

0:2:30.240 --> 0:2:32.220

Foote, Gerard Paul

And I don't know if I'm muted or unmuted.

0:2:32.620 --> 0:2:33.360

Swanson, Tyler Jacob

I can hear you.

0:2:33.800 --> 0:2:34.640

Foote, Gerard Paul

OK, great.

0:2:34.690 --> 0:2:35.410

Swanson, Tyler Jacob

Coming through good.

0:2:36.190 --> 0:2:37.560

Foote, Gerard Paul

Everybody staying warm today.

0:2:39.250 --> 0:2:44.680

Swanson, Tyler Jacob

I was just remarking about how I wish my apartment had been built with some, uh, better windows. But yeah, for the most part.

0:2:45.670 --> 0:2:46.40

Foote, Gerard Paul

Right.

0:2:48.290 --> 0:2:49.630

Swanson, Tyler Jacob

We got Damon here. Hi, Damon.

0:2:51.260 --> 0:2:52.130

Swanson, Tyler Jacob
Still be connecting.

0:2:53.720 --> 0:2:56.330

Swanson, Tyler Jacob
Ah, there we go. Good. We got a lot of people coming in today.

0:2:57.780 --> 0:3:12.330

Swanson, Tyler Jacob
I was. I was hesitant to try teams, but ever since Microsoft Outlook or yeah, the outlook like e-mail tool kept pushing me towards this. Every time I made a zoom meeting I was like, I'll just give it a try and stop trying to mess around with it too much. Hi, Tim.

0:3:13.520 --> 0:3:14.610

Mies, Tim
Hello, how are you all doing?

0:3:15.40 --> 0:3:31.320

Swanson, Tyler Jacob
Doing good, doing good. I think we'll give it just a couple more minutes because I know we have people who accept it and are gonna be here and then we'll get started. But I wanna give us ample time to discuss for our topics, for this meeting that everybody have a chance to review the Minutes from our December meeting.

0:3:32.450 --> 0:3:43.40

Swanson, Tyler Jacob
That's want to make sure we kind of kept that discussion in the back of our minds when we got into this meeting. So I think we're going to kind of pick up a bit from where we left off in that in that sense.

0:3:44.960 --> 0:3:45.380

Swanson, Tyler Jacob
And then.

0:3:46.280 --> 0:3:49.610

Swanson, Tyler Jacob
Martha has some riveting details from the I cap Working Group meeting today.

0:3:56.160 --> 0:3:56.680

Mehta, Aman
I guess.

0:3:50.800 --> 0:4:9.610

Swanson, Tyler Jacob
And then we'll get into it. We have online here. So I think we have 1234567 we're at about everybody who actually went and accepted the invite. So let's go ahead and just get started and we'll start with the ICAP working Group review, which Martha, I'm very excited for you to give the team.

0:4:11.120 --> 0:4:31.90

Martha Kubakh (Guest)

Umm, so basically at the end we kinda ran out of time so I had a little like maybe 7 minutes to present both proposals. I kind of gave a quick summary, but I think we're gonna be invited next time and I think they said they wanted to invite Mike Larson as well to kind of.

0:4:31.970 --> 0:4:35.210

Martha Kubakh (Guest)

Give a couple comments in something I don't know if anyone wanted me to.

0:4:36.410 --> 0:4:42.300

Martha Kubakh (Guest)

Say something specifically about any of the recommendations, but I kind of just gave an overview of why we thought they were important.

0:4:44.150 --> 0:4:47.870

Martha Kubakh (Guest)

So I never have anything to that they would like me to share next time or anything.

0:4:51.200 --> 0:4:53.970

McFall, Damon

What was the feedback to have your brief?

0:4:54.790 --> 0:4:55.470

McFall, Damon

Presentation.

0:4:55.530 --> 0:5:9.830

Martha Kubakh (Guest)

I think the feedback that we got from the conference one was I think Morgan White was a bit confused. She wanted to know if we wanted to do like a committee or if it was just like a one time conference thing of like who would be speaking.

0:5:10.460 --> 0:5:15.740

Martha Kubakh (Guest)

I don't know if you guys have any comments towards that, but I I thought that it was more of like a conference thing.

0:5:16.800 --> 0:5:36.270

Martha Kubakh (Guest)

So one time I'm not sure, but that's what I told her. And then obviously for the energy plan, obviously that was kind of more obvious that obviously we needed to put we need to put a recommendation of an energy plan because I think that's in the ICAP that we need to get one in by 2024. So yeah.

0:5:35.510 --> 0:5:36.400

McFall, Damon

OK, OK.

0:5:39.190 --> 0:5:41.880

Martha Kubakh (Guest)

But yeah, that was that was basically it was really short so.

0:5:43.140 --> 0:5:46.570

Martha Kubakh (Guest)

Hopefully we can get more talks in next meeting.

0:5:48.610 --> 0:6:1.360

Swanson, Tyler Jacob

So just to clarify a bit, Morgan's concern was or. Her confusion was that she wasn't sure if we were asking for a committee to do a one time conference or a recurring committee to do multiple conferences.

0:6:1.280 --> 0:6:3.420

Martha Kubakh (Guest)

Yes, that was that was the confusion.

0:6:3.670 --> 0:6:4.120

Swanson, Tyler Jacob

OK.

0:6:14.80 --> 0:6:15.580

Martha Kubakh (Guest)

Yeah, we did. And that's I kinda.

0:6:4.760 --> 0:6:33.110

Swanson, Tyler Jacob

Well, that's a, I think let's start by talking about that. What is our intent there? Do we want this committee to be a one time? Because I think we we didn't really go into that. I suppose what the recommendation. Does anybody have any thoughts on that, whether it should be a committee to work on a series of, you know, I guess sustainability or clean energy topics or should it be, you know, we have one committee organized, one big event over the course of a day or two where we invite people.

0:6:34.50 --> 0:6:35.600

Swanson, Tyler Jacob

Or do we let the committee decide?

0:6:38.250 --> 0:6:51.410

Mehta, Aman

Uh, I think it should be dependent on the response that we get from the first time. Of course, there should be a committee where we have one conference at the beginning and plan to have more over.

0:6:52.110 --> 0:6:58.560

Mehta, Aman

The upcoming months, but it shouldn't be just a one time thing because of the scale and the impact that it can have.

0:6:59.570 --> 0:7:6.700

Mehta, Aman

Over the long period of time and the kind of behavior change can bring to the campus and the research committee and community over here.

0:7:7.660 --> 0:7:12.360

Mehta, Aman

Julia believe that it should become a more repetitive thing than just a one time thing.

0:7:14.400 --> 0:7:17.70

Foote, Gerard Paul

Yeah, I agree the.

0:7:17.860 --> 0:7:48.320

Foote, Gerard Paul

The task that we're looking to take on is not a once and done kind of a task. So we're like, we're looking at creating new innovative changes and and offering up support or collaboration between all these different professionals and experts in their field so that they can kind of come together and take us in the spaces that haven't been tackled before. So that's not gonna be just a one time meeting and done. We're gonna have some introductory conversation, some focusing topics. We're gonna have brainstorming and.

0:7:49.370 --> 0:8:6.800

Foote, Gerard Paul

You know, people like Andrew and others that have that level of expertise to, you know, say, well, this is what we are we able to accomplish now. We're hoping to take it to this bar. And so that's gonna be a series of of different meetings over a long period of time.

0:8:10.510 --> 0:8:19.710

Martha Kubakh (Guest)

I definitely agree. I'm not sure if we can revise that, but if not that I I think that we can stress that to Morgan and the rest of the working group.

0:8:20.310 --> 0:8:23.910

Swanson, Tyler Jacob

I would actually say that we should revise because.

0:8:22.260 --> 0:8:25.190

Martha Kubakh (Guest)

OK, I think that's better idea, yeah.

0:8:24.940 --> 0:8:47.650

Swanson, Tyler Jacob

Yeah, since they haven't taken official action on it in this meeting and they said they're going to invite us back, then I think it's probably a good idea if we write those edits into the recommendation and then send it back to say, let's look at this for next time and then hopefully we should be at the top of the agenda for the next meeting because there was four recommendations this time. They got through to and they got to ours at the very end.

0:8:48.140 --> 0:8:48.430

Martha Kubakh (Guest)

Umm.

0:8:49.210 --> 0:8:52.640

Swanson, Tyler Jacob

So, at least for February's meeting, we'll be right up there.

0:8:53.590 --> 0:8:53.810

Martha Kubakh (Guest)

Yeah.

0:8:53.470 --> 0:9:4.740

Swanson, Tyler Jacob

And then we can go and discuss more about this. But I would say that probably rewriting the recommendation or not rewriting entirely, but editing it with these more specific changes is probably a good idea.

0:9:15.820 --> 0:9:18.730

Swanson, Tyler Jacob

And the other thoughts on this specific topic?

0:9:20.110 --> 0:9:38.10

Swanson, Tyler Jacob

Hi, rob. Hi, Shannon. Saw you joined in the conversation. We were just recapping the I cap working group meeting where essentially our recommendations were discussed at the very end and we will be going back to touch on them again or to talk about them again at the February. I kept working group meeting.

0:9:38.600 --> 0:9:41.920

Roman, Robert Raymond

Very good. And yes, hello. Sorry I was a little tardy.

0:9:42.430 --> 0:9:43.860

Swanson, Tyler Jacob

It's OK. You didn't miss too much.

0:9:45.0 --> 0:9:45.280

Swanson, Tyler Jacob

OK.

0:9:46.70 --> 0:9:53.340

Swanson, Tyler Jacob

Well, good. I'm making notes of this and we can go ahead and resubmit and then do all of that for next month's meeting. That'll be good to have.

0:9:55.310 --> 0:10:2.250

Swanson, Tyler Jacob

For the rest of this meeting, I kind of want to focus again on discussions about potential recommendations. In December we talked about.

0:10:3.130 --> 0:10:10.590

Swanson, Tyler Jacob

You know, potentially putting in a recommendation for new building energy efficiency mandates, which I thought was really good and we kind of understood.

0:10:11.590 --> 0:10:33.180

Swanson, Tyler Jacob

We we we outline things we didn't really reach a decision on where we want to go and we also talked about the green Energy Research Committee recommendation. So I think we'll revisit that again. I'm gonna hand it back over to Aman and Martha to let you guys gonna lead this since these were kind of your brainchild. So I will hand it over to you to get things kind of recap and start it off again.

0:10:34.340 --> 0:11:4.250

Mehta, Aman

That you have it and you guys, we can get started on the green Energy Research Committee 1st and now that we are talking about another committee that we're gonna develop for the confidence we can maybe I just got this idea that we can maybe think of linking both of them together in such a way that the green Energy Research Committee and the Conference Committee can have a lot of the code members be the same. And both the purposes can be achieved just through one committee instead of building two different committees as well.

0:11:5.110 --> 0:11:11.380

Mehta, Aman

So is that a viable option or should they be separated and gets up as two different ideas?

0:11:27.430 --> 0:11:28.10

Mehta, Aman

Over there.

0:11:18.160 --> 0:11:34.730

Martha Kubakh (Guest)

Personally, during this discussion earlier, I kind of had the same thought as they were both had like other committees kind of generalizing like the same like idea purpose. So maybe that could be a possibility. I don't if anyone has any other thoughts.

0:11:39.760 --> 0:11:51.990

Anderson, Shannon Rose

I guess I would want to hear a little bit more about what the committee would be expected to do, but just on first glance, hearing that it seems like that would be a lot of work to put on the same group of people. And if it's work that overlaps a lot.

0:11:53.70 --> 0:11:56.60

Anderson, Shannon Rose

What is the purpose of creating separate committees I guess?

0:11:57.230 --> 0:12:6.170

Anderson, Shannon Rose

For thinking about these different ideas, but they would all be going to the same committee, I don't really see how those committees goals differentiate from one another.

0:12:14.220 --> 0:12:14.630

Mehta, Aman

Yeah.

0:12:12.500 --> 0:12:16.240

Martha Kubakh (Guest)

Aman, do you want to kind of just summarize what we wrote down for, like the Green Lab Committee?

0:12:16.810 --> 0:12:37.750

Mehta, Aman

For the Green Lab Committee, our main purpose was on that we there is a platform for everyone who's conducting research on campus. There's a platform for them to collaborate with each other in such a way that they can use help, offer each other to move forward. And that platform is also gonna help.

0:12:38.430 --> 0:12:51.330

Mehta, Aman

Explain the research to a lot of other students throughout the campus to kind so that they know what what's going on on the campus. And I there's also possibility for them to get involved in these fields.

0:12:57.0 --> 0:12:57.340

Mehta, Aman

Today.

0:12:53.160 --> 0:13:3.280

Martha Kubakh (Guest)

Yeah, I think a big person last semester who I'm thinking of as Roman, he really like kind of aligned us about this idea because as he's conducting his own research, he kind of made it.

0:13:4.900 --> 0:13:22.550

Martha Kubakh (Guest)

Like he notified us that, like he doesn't know about a lot of other sustainability research projects. And I think that by like interlinking all of the research projects that could be a good idea about all of them learning and educating themselves about the other research projects say that move forward in their energy goals as a whole campus wide thing.

0:13:24.670 --> 0:13:56.370

Foote, Gerard Paul

Let me ask a question real quick. The Green Labs recommendation to have a Green Labs program on campus got pushed through to the OVCRI's office and she is in the process of of charging. She has a charge letter to charge, create a committee to evaluate what the Green Labs program would contain within it and how they would go about implementing that. That's been out for like six months now. So it's not happening in lightning speed but.

0:13:56.730 --> 0:14:9.380

Foote, Gerard Paul

So she's already have as an intention to create a Green Labs committee to decide what Green Labs would look like on campus. Is that separate and different than what you're thinking about for this energy Green Labs committee?

0:14:13.290 --> 0:14:22.60

Swanson, Tyler Jacob

If I remember from our last meeting in Shanghai, see what you put in the chat here. I think what we kind of got to with our meeting in December was that we wanted to.

0:14:23.220 --> 0:14:48.250

Swanson, Tyler Jacob

In a sense, revitalize kind of what had what IC has on the link that you shared, channel where there's the energy at Illinois page that is supposed to be an opportunity for researchers on campus focusing on clean energy or different types of energy research can communicate, engage the campus, share the research and provide kind of a central platform for showing off that research, I think.

0:14:51.290 --> 0:15:3.740

Swanson, Tyler Jacob

While that if we're going off of that, we could just make the recommendation to revitalize that committee. And if you want to add separate responsibilities or separate charges, kind of like.

0:15:5.200 --> 0:15:16.240

Swanson, Tyler Jacob

Planning a conference for the the Energy research team, or the energy at Illinois team to showcase their knowledge and invite speakers that could potentially be something that would be able to be included.

0:15:16.700 --> 0:15:33.110

Swanson, Tyler Jacob

Umm, if you had a clear charge letter and you had people on the group that were motivated and willing to exchange their ideas and put in a bit of effort towards organizing these things, of course that's difficult with a lot of I assume a lot of people on here. BPI, you probably have a lot of stuff on their plate.

0:15:34.10 --> 0:15:35.90

Swanson, Tyler Jacob

But maybe we could start there.

0:15:36.910 --> 0:16:5.970

Martha Kubakh (Guest)

I think that's a really good idea, because if there's already something similar to the ideas that we have about creating committee, I think revitalizing and maybe making it a larger scale project that's kind of more known because I didn't personally know about this one. So I feel like if we get more even like sustainability people to know about it or like the campus is a whole to kind of revitalize it and make be make it like a bigger program or like students like me and Amanda, like faculty could join in and help them create conferences and a bigger committee and such.

0:16:8.740 --> 0:16:10.120

Martha Kubakh (Guest)

With your thoughts about this.

0:16:11.880 --> 0:16:15.540

Mies, Tim

It's so quick question. I'm looking over this link you that was sent.

0:16:17.280 --> 0:16:19.530

Mies, Tim

How outdated or how active is this?

0:16:21.260 --> 0:16:23.950

Mies, Tim

Does anybody know Andrew? You're listed on here.

0:16:26.90 --> 0:16:26.860

Stumpf, Andrew J

Yeah, the.

0:16:26.380 --> 0:16:27.30

Mies, Tim

This whole.

0:16:27.890 --> 0:16:28.480

Stumpf, Andrew J

Sorry, go ahead.

0:16:29.190 --> 0:16:30.120

Mies, Tim

Yeah, go ahead.

0:16:30.980 --> 0:16:34.670

Stumpf, Andrew J

Garcia Jeremy. Guest in civil engineering is kind of the.

0:16:34.750 --> 0:16:38.590

Stumpf, Andrew J

The leader of the energy scholars.

0:16:39.510 --> 0:16:39.930

Mies, Tim

Mm-hmm.

0:16:39.830 --> 0:16:49.350

Stumpf, Andrew J

So, but usually they just meet to talk about funding opportunities and that hasn't happened for a couple of years. But he does communicate by e-mail with everybody but.

0:16:50.600 --> 0:16:52.410

Swanson, Tyler Jacob

I think I reached out to my never heard back.

0:16:53.110 --> 0:16:56.350

Swanson, Tyler Jacob

So I have to follow up on him, and it's partly my fault for not following up with him.

0:16:58.150 --> 0:17:10.500

Swanson, Tyler Jacob

But he might be compared to talk to you more about what they actually do, when, when the last time they've done things is. I remember reading publications from or publications highlighting energy at Illinois in the present past.

0:17:11.210 --> 0:17:12.220

Swanson, Tyler Jacob

But that's about it.

0:17:14.340 --> 0:17:18.890

McFall, Damon

By notice, one mexi faculty member that left maybe three or four years ago still on here.

0:17:20.160 --> 0:17:20.850

Martha Kubakh (Guest)

Yeah, I think.

0:17:20.390 --> 0:17:23.650

Mies, Tim

I I've also noticing the Casey Tings been gone and.

0:17:24.270 --> 0:17:28.430

Mies, Tim

Well, has not been associated with aging and bioengineering for.

0:17:29.650 --> 0:17:31.940

Mies, Tim

Or four years now easily.

0:17:32.290 --> 0:17:32.880

McFall, Damon

Yeah. OK.

0:17:32.780 --> 0:17:35.910

Mies, Tim

Umm, so yeah, that's. I'm just looking over this list and I'm just wondering.

0:17:37.670 --> 0:17:41.770

Mies, Tim

Is the web page out of date or is or not updated? Or is this a?

0:17:42.690 --> 0:17:48.870

Mies, Tim

Committee that could be. I I'm curious if they could, if more could be done here, that matches what we're talking about.

0:17:49.950 --> 0:18:9.520

Martha Kubakh (Guest)

Yeah, I think maybe even making like a fusion between this program itself, if we can figure out if it's still active and if not, then maybe creating like not just professors and their grad students, but also other students and faculty members and whoever else wants to join the committee could also be a possibility.

0:18:14.780 --> 0:18:15.150

Swanson, Tyler Jacob

Because.

0:18:14.490 --> 0:18:20.910

McFall, Damon

For the two committees are this Energy Council and the other one is the Green Labs Committee that Paul spoke about.

0:18:22.370 --> 0:18:28.380

McFall, Damon

We're looking to merge those two or for that they 2GO kind of confused of what we're trying to accomplish.

0:18:28.970 --> 0:18:50.610

Foote, Gerard Paul

I think the Green Labs Committee that you, Aman and Martha are purple, presenting is probably not similar to cause the the charge letter committee is just a all the executive branch from OVCR's office deciding what they want to implement and and push down from the top down.

0:18:51.250 --> 0:19:10.940

Foote, Gerard Paul

And I think that what these guys are presenting is how do we get the experts to share like the people leading in their department to come in and join a conference. So I I I think that we could probably piggyback the two off together, although they might have completely different conversations.

0:19:12.320 --> 0:19:44.310

Foote, Gerard Paul

You know anybody that's doing anything sustainable and green labs and having success at it, uh composting or whatever or things that definitely carry over to other labs and people often in their silos don't get experience or exposure to that. So they don't know what's possible and that's why a lot of times with the as a campus, we don't have a lot of success in some of those smaller pilots we do. So I think that would be a good thing to have for that green Labs component as well as sustainable Labs committee sharing ideas, brainstorming coming together to make it happen.

0:19:44.570 --> 0:19:58.30

Foote, Gerard Paul

And that's parallel to what would the energy side of to what we're talking about with all the energy experts on campus too, they may not overlap a lot just because there's more to research in labs than just energy, but yeah.

0:20:0.60 --> 0:20:10.380

Stumpf, Andrew J

And the Green Labs Committee could be just it could be the lab coordinators in the in the department or a college. It wouldn't necessarily have to be researchers.

0:20:11.250 --> 0:20:11.860

Foote, Gerard Paul

Exactly.

0:20:12.240 --> 0:20:12.490

Stumpf, Andrew J

Yeah.

0:20:14.150 --> 0:20:34.90

Anderson, Shannon Rose

So I'm sorry to be repetitive, but I also wonder how that isn't different than the existing Green Labs certification that I see has. I don't think it's widely publicized, but it is something that researchers can take part in and you can apply it to get your lab green certified or even your office green certified. So like my research office is green certified. We just had to fill out a form.

0:20:36.850 --> 0:20:40.540

Martha Kubakh (Guest)

That's not a committee, though, is it? I think it's just like getting your lab like.

0:20:41.330 --> 0:20:44.940

Martha Kubakh (Guest)

Green certified, right? I don't do people come together and discuss things.

0:20:46.830 --> 0:21:6.410

Anderson, Shannon Rose

I mean, would wouldn't it be possible to kind of leverage the existing network that exists that I see as access to of these labs that have, you know, decided they want to be more sustainable or have applied to be sustainable and kind of work with and that existing group because otherwise we would be reinventing the wheel and trying to pull together labs that are doing sustainable things across campus?

0:21:12.110 --> 0:21:27.50

Martha Kubakh (Guest)

I think drawing in from both could definitely be if we can also look at different labs that have already this kind of sustainable notion with them, but then also inviting people from outside that just wanna be educated or want to join in the movement would also be a good idea.

0:21:28.410 --> 0:21:40.130

Martha Kubakh (Guest)

And pushing it out to more of like a campus wide thing and like cause. Like I I've never heard about these, this like energy scholars. But I think kind of revitalizing like Tyler said could definitely be.

0:21:41.220 --> 0:21:42.190

Martha Kubakh (Guest)

A good solution?

0:21:43.40 --> 0:22:12.580

Mehta, Aman

Then what I think what I understand from this is the certification. Any lab or commit office space that has sustainable practices can get certified by it. But it doesn't mean that it's conducting research in green energy or in the field of sustainability. What we are trying to do with Green Labs is consolidate all the labs that are conducting research in the field and realmers sustainability to come together and present that research on campus to everyone.

0:22:27.230 --> 0:22:29.880

Stumpf, Andrew J

Yeah. So I think if you distinguish research or green.

0:22:29.960 --> 0:22:33.270

Stumpf, Andrew J

Reese Green energy researchers from.

0:22:33.970 --> 0:22:35.80

Stumpf, Andrew J

Green labs? That would.

0:22:36.750 --> 0:22:37.270

Swanson, Tyler Jacob

Yeah, just.

0:22:36.530 --> 0:22:37.950

Stumpf, Andrew J

That would distinguish the two groups.

0:22:38.170 --> 0:22:41.20

Swanson, Tyler Jacob

Yeah, just changing the terminology, since should solve that problem.

0:22:41.720 --> 0:22:46.690

Mehta, Aman

Yeah, we we can definitely revert that in the recommendation that we have drafted out right now.

0:22:48.410 --> 0:22:53.230

Mehta, Aman

And we can be more clear with what our purpose is going to be with the green labs green.

0:22:53.790 --> 0:22:58.440

Mehta, Aman

Ohh Green Researchers labs committee. Now that we preface that that way.

0:23:9.270 --> 0:23:21.120

Swanson, Tyler Jacob

So I when I'm thinking about how this recommendation could go forward, I'm kind of remembering how with the transportation team they developed recommendation for an electric vehicle task force and then.

0:23:22.420 --> 0:23:51.510

Swanson, Tyler Jacob

Once that was passed, developed a second recommendation on a list of potential members for that task force. I imagine it would be kind of the same structure if we're trying to establish a new committee we're first, we'd have to have the recommendation. That would say we want to have this Energy Research Committee or we could say we want to be revitalized from what it is now with the Energy Scholars Council. We wanted to charge it with these specific things, I think including that in the recommendation will be useful for when the ICAP working group looks at it.

0:23:52.110 --> 0:23:58.450

Swanson, Tyler Jacob

You can point out how it's the same or different from the existing energy research at Illinois.

0:23:59.400 --> 0:24:4.150

Swanson, Tyler Jacob

Umm. Or explain that you know you want to use it in, leverage it and then.

0:24:4.930 --> 0:24:7.790

Swanson, Tyler Jacob

You could either charge IC with.

0:24:8.680 --> 0:24:16.950

Swanson, Tyler Jacob

Finding who's going to be on it or you can note that a list of potential members could be included upon.

0:24:17.680 --> 0:24:24.340

Swanson, Tyler Jacob

The acceptance of the recommendation, or I mean you probably could also submit all the all of it at once to with the list of potential members for being on the team.

0:24:25.600 --> 0:24:26.530

Swanson, Tyler Jacob

That would take more time.

0:24:34.290 --> 0:24:34.570

Swanson, Tyler Jacob

OK.

0:24:35.320 --> 0:24:37.90

Swanson, Tyler Jacob
Any other thoughts on?

0:24:37.840 --> 0:24:40.190

Swanson, Tyler Jacob
This uh research committee group.

0:24:43.660 --> 0:24:44.80

Swanson, Tyler Jacob
I think.

0:24:44.810 --> 0:24:45.180

Swanson, Tyler Jacob
Go ahead.

0:24:43.410 --> 0:24:51.930

McFall, Damon
My last thought was, are we gonna reach out? Sorry. Are we gonna reach out to any of the Energy Council members to see if they are active and if they're going?

0:24:53.650 --> 0:25:5.390

Swanson, Tyler Jacob
I think that should be done, yes. We don't want to go behind the back and say we want to reinvent your counsel without talking to anybody on the Council. I think that will be a required piece of homework for us to do before we go forward.

0:25:5.770 --> 0:25:6.160

Swanson, Tyler Jacob
Uh.

0:25:7.80 --> 0:25:26.930

Swanson, Tyler Jacob
I also want to circle back to kind of the beginning of this discussion is that if we're going to have this proposed committee, that's going to be a more robust version of the current energy scholars, maybe we say in the recommendation that it should have support from ICC staff in terms of like kind of like I'm a clerk for organizing meeting. Should there be somebody like that for this team?

0:25:28.750 --> 0:25:41.800

Swanson, Tyler Jacob
You can also ask at that point is it worth trying to charge this team with planning the conference because they'll have the know how and knowledge of who around the country would be good to invite, what topics would be good to discuss.

0:25:42.930 --> 0:26:0.340

Swanson, Tyler Jacob
If that's what we're going to do and we if we do want to charge them with working on this conference, then I would suggest we withdraw our second recommendation that we have right now about charging

or asking for a committee on organizing a research conference. But I'd like to know, everybody thinks about that.

0:26:3.720 --> 0:26:7.640

McFall, Damon

I'm in favor of trying to recharge this committee and set up establishing a new one.

0:26:10.840 --> 0:26:11.90

Swanson, Tyler Jacob

OK.

0:26:10.800 --> 0:26:16.420

McFall, Damon

Just because they're going to know, just like you said, they're gonna know who in the country they're gonna with the university. They're gonna be very well versed.

0:26:20.350 --> 0:26:20.750

Mehta, Aman

Yeah.

0:26:19.920 --> 0:26:25.390

Martha Kubakh (Guest)

Do you think they would be willing to kind of expand their scope?

0:26:26.550 --> 0:26:41.290

Swanson, Tyler Jacob

Well, I think the first thing that will have to do before we go and resubmit the recommendations, we'll have some conversations with the actual people on the committee and because of course first we need to know if they're actually meeting and if they are, when the last time they met was.

0:26:41.730 --> 0:26:43.460

Swanson, Tyler Jacob

Uh, and then?

0:26:44.340 --> 0:26:54.670

Swanson, Tyler Jacob

You know, from there we can kind of go forward. We could ask them their interest in like, would they be interested in being in a revitalized committee that will focus specifically on like connecting energy research at the university.

0:26:56.550 --> 0:27:9.560

Swanson, Tyler Jacob

And kind of going forward from that and seeing what they what they think because maybe you'll talk to a few researchers or we in general talk to a few researchers and they'll hate the idea because they have too much to do, which is very possible because professors are very busy people.

0:27:10.880 --> 0:27:19.770

Swanson, Tyler Jacob

But then we'll still need to figure out some way to get people on or other proposed committee without having it be a recharge version of the energy research team. So.

0:27:20.820 --> 0:27:28.180

Swanson, Tyler Jacob

My recommendation is that we speak to some scholars first and then use their feedback to write this recommendation over the course of the next month or two.

0:27:30.60 --> 0:27:30.780

Foote, Gerard Paul

And it would be.

0:27:30.50 --> 0:27:31.480

Martha Kubakh (Guest)

I think that's something good plan.

0:27:32.700 --> 0:27:41.330

Foote, Gerard Paul

I think it also be good to help incorporate the mechanism to make sure that they're collaborating with the energy people on campus and whatever that research.

0:27:43.450 --> 0:27:54.620

Foote, Gerard Paul

Gets done in the lab that they try to find a way to scale it up or works and collaborates to check feasibility of it and how it can benefit the rest of the campus as a whole for our energy production and consumption.

0:27:55.850 --> 0:27:57.320

Foote, Gerard Paul

That would be a good element tab.

0:27:58.770 --> 0:28:2.370

Swanson, Tyler Jacob

Yes, I agree, Paul. Writing this down in the notes right now.

0:28:11.840 --> 0:28:12.310

Mehta, Aman

Today.

0:28:13.270 --> 0:28:13.870

Mehta, Aman

Yeah.

0:28:20.80 --> 0:28:20.360

Mehta, Aman

Umm.

0:28:7.420 --> 0:28:20.370

McFall, Damon

So Aman, maybe you notice there's a lot of mexi faculty that are on this energy. I would definitely let's let's ask them. I mean, professor, you know, miljkovic is on here. He would definitely give you on Annest viewpoint of how well the committee is going.

0:28:23.860 --> 0:28:34.930

Anderson, Shannon Rose

This may be a bit obvious since there's so much overlap, but I think it's important that as the energy team, we make sure that we have at least one person from this group who's part of that group as well.

0:28:36.150 --> 0:28:43.830

Anderson, Shannon Rose

So, Paula, you're saying that we could have them kind of report back and maybe we could share that across campus a little bit easier.

0:28:46.820 --> 0:29:4.210

Swanson, Tyler Jacob

Yes, I I would love it if we could kind of keep there or if we could, when we recharge this committee, keep it very involved with IC as a whole, since IC at least then can, you know, throw it in turn like me in there to be like port back or we can have somebody going between the I think it's a good point Shannon.

0:29:7.630 --> 0:29:12.40

Stumpf, Andrew J

Yeah. Really, the focus of the website or the main objective of the website was to.

0:29:13.950 --> 0:29:16.530

Stumpf, Andrew J

Provide visitors to the website.

0:29:18.150 --> 0:29:18.890

Stumpf, Andrew J

Kind of a.

0:29:19.660 --> 0:29:21.850

Stumpf, Andrew J

List of people on their their specialties.

0:29:22.510 --> 0:29:29.240

Stumpf, Andrew J

So if they were looking for someone to collaborate with from outside that they knew were to go to, I guess.

0:29:29.990 --> 0:29:30.360

Swanson, Tyler Jacob

OK.

0:29:31.390 --> 0:29:40.300

Swanson, Tyler Jacob

Do you think it be feasible to, you know, make it a bit more robust at the university level rather than just a connecting potential connecting scholars level?

0:29:41.640 --> 0:29:48.830

Stumpf, Andrew J

Yeah, I think originally the Council met as the Council and and developed ideas and things, but I'm not sure that's happened lately so.

0:29:49.140 --> 0:29:49.400

Swanson, Tyler Jacob

OK.

0:29:55.950 --> 0:30:3.940

Swanson, Tyler Jacob

Well, I think we're at a good spot for here. We know what we kind of need to do next and that'll be reaching out to people that are on this team seeing their thoughts.

0:30:5.120 --> 0:30:15.440

Swanson, Tyler Jacob

Either doing meetings and on zoom or in person or via e-mail, whatever works best, but we can go forward from that and try to get that done over the next month to be ready for the end of Jan or end of February meeting.

0:30:16.220 --> 0:30:20.720

Swanson, Tyler Jacob

That never recommendation sent out based on how these talks go, does that sound good to everybody?

0:30:22.170 --> 0:30:28.240

Swanson, Tyler Jacob

Just put a close the software now. Great. Then I'm on. Martha, hand it back to you to go on to our next discussion.

0:30:31.740 --> 0:30:48.30

Martha Kubakh (Guest)

I'm surprised. Second recommendation, we wanted to kind of check it out. Everybody about our new buildings mandate. So I think last time we had a good discussion about kind of like specifying the wording of the specific.

0:30:49.770 --> 0:31:6.960

Martha Kubakh (Guest)

Like action or recommendation that we want from everyone. So my worry is that like obviously we've heard a lot. I've I don't remember who we emailed last time but they didn't like the idea of using the term net zero because obviously that's very challenging to achieve and we probably won't get that passed if that was.

0:31:7.380 --> 0:31:28.470

Martha Kubakh (Guest)

Umm the goal, but I just wanted to check in with everyone. I don't know if like the lead certification is good enough. In my personal opinion. So I was wondering what kind of terminology would be appropriate or to make like a specific recommendation like near Net Zero net positive. I don't know what everyone's feelings are.

0:31:36.210 --> 0:31:50.240

Foote, Gerard Paul

So net positive, I'm all on board for that. I don't know how that's feasible or certainly anything appropriate to put in legislation or mandate, but it would be nice to have you know some type of.

0:31:51.920 --> 0:32:13.260

Foote, Gerard Paul

Accolades or ditional benefit or bonus if they actually you know, progress towards net zero or net positive lead platinum lead gold is already in our standard. So I don't know, I do know some universities have Lee Platinum as multiple buildings. It's not very common.

0:32:14.320 --> 0:32:14.830

Foote, Gerard Paul

So.

0:32:15.980 --> 0:32:25.60

Foote, Gerard Paul

I think we wanna get him headed towards net zero. I don't know the proper language or the proper organization that used to try to facilitate that.

0:32:29.890 --> 0:32:41.340

Martha Kubakh (Guest)

Because I just, I think we touched upon this last meeting, but we started a discussion about like what happens when a new building is proposed. Are there any?

0:32:42.630 --> 0:32:51.100

Martha Kubakh (Guest)

Is there any talk about how to make it as sustainable as possible, or is that not a consideration? Or how does that? Does anyone know? Or is there anyone that we can reach out to?

0:32:53.270 --> 0:32:54.880

Martha Kubakh (Guest)

That becomes more about that.

0:32:55.0 --> 0:33:8.140

McFall, Damon

So I have so I have a program statement right that was used for the Sydney Lu Mechanical Engineering Building. I looked through that and there was one paragraph and about 180 pages, right that talked about be sustainable.

0:33:9.80 --> 0:33:9.370

Martha Kubakh (Guest)

Umm.

0:33:9.420 --> 0:33:21.650

McFall, Damon

So that's about the weight that's given to it currently, but it's say it states the state law, right, that we must meet gold or silver lead and and but it doesn't give much encouragement to go beyond that.

0:33:22.300 --> 0:33:24.240

McFall, Damon

And I do think it comes to a financial issue.

0:33:25.300 --> 0:33:27.950

McFall, Damon

As a project gets very large, that gets very expensive.

0:33:28.710 --> 0:33:47.980

McFall, Damon

And so maybe there's a way, though that if we, you know, if there's a new building planned, that's only, you know, 40,000 square feet or less than 50,000 square feet, that they could adopt these more, you know net zero approach and just get used to what it looks like and and how it rolls through and get an idea on cost.

0:33:53.890 --> 0:33:54.350

McFall, Damon

Yep.

0:33:49.460 --> 0:34:8.680

Martha Kubakh (Guest)

Because aren't most new buildings built from donations? Is that not how it works? Yeah. Because then I think the proposal that we were kind of having was that, like, you kind of have to like when you're first building or you're first, like, laying out the map for this new building, you have to allocate the finances to reach these sustainable.

0:34:9.500 --> 0:34:13.180

Martha Kubakh (Guest)

Umm my goals. I don't know if that's a good idea to mention.

0:34:14.690 --> 0:34:17.800

Martha Kubakh (Guest)

I don't know if it would get passed or not, but I think it should.

0:34:18.710 --> 0:34:28.90

McFall, Damon

Oh, I could I agree 100%. But what I did notice and practical experience was that you had you could no longer than you know buy furniture for the facility.

0:34:29.930 --> 0:34:38.920

McFall, Damon

It's so it's so priorities came to to, to bear, right. And so then we went back and said, OK, we need furniture. I mean it's the budgets are that tight.

0:34:39.650 --> 0:34:42.730

McFall, Damon

That it starts to and you need and donors are rare.

0:34:43.440 --> 0:34:45.110

McFall, Damon

To to be able to build something.

0:34:46.900 --> 0:34:48.680

Swanson, Tyler Jacob

One thought. No. Go ahead, Damon.

0:34:46.930 --> 0:34:49.430

McFall, Damon

But something's yeah, go ahead. Sorry. No, no, sorry.

0:34:49.740 --> 0:35:12.70

Swanson, Tyler Jacob

OK, one thought that I was having about this recommendation as I was working on kind of just evaluating the current campus energy efficiency and I guess space usage policies over winter break was that we already have our commitment to have a net zero growth in space and that's trying to keep us at the same footprint as I believe was it physically your 08.

0:35:12.730 --> 0:35:19.110

Swanson, Tyler Jacob

That year, I think so. Could we, instead of putting on a solid mandate that any new construction on campus?

0:35:20.190 --> 0:35:43.240

Swanson, Tyler Jacob

Be, you know, net zero. Could we maybe make a recommendation instead of any new construction that will be beyond that net zero growth footprint should be net zero or should be lead platinum or near net zero as a way to, I guess one it would be a way to incentivize retro commissioning of current space as a priority before building.

0:35:44.380 --> 0:36:4.190

Swanson, Tyler Jacob

Two, it would also just, you know, make make sure that any new space that we do absolutely need to have is sustainable and isn't really, I guess having as large of an energy impact as it would otherwise since we're going over that net 0 square footage limit exceeding the space Bang.

0:36:7.80 --> 0:36:21.20

Martha Kubakh (Guest)

I think that's a really good idea to actually getting this recommendation passed because I don't know if any everyone would be on board about this recommendation specifically like the higher levels, but I think that could be a good incentive, like you said.

0:36:22.700 --> 0:36:23.70

Foote, Gerard Paul

We're.

0:36:22.330 --> 0:36:24.60

Mehta, Aman

Yeah. And I think also the sorry.

0:36:24.790 --> 0:36:25.320

Foote, Gerard Paul

Good.

0:36:26.380 --> 0:36:56.620

Mehta, Aman

I I just think that this recommendation will also reduce the scale at which reduce the cost at which we need the amount of cost we need to build all new buildings and to make them green. Because if you're putting the square footage limitation to it, it reduces the scope to which this mandate will be applied to. But it will also at the same time same time in center wise, a lot of retro commissioning which is also another one of the challenges and will also hit one of the other ICAP goals.

0:36:57.390 --> 0:37:5.830

Mehta, Aman

I think it hits and so it was a lot of a lot of criterias for us to go ahead with this recommendation instead of all buildings being a 0.

0:37:9.510 --> 0:37:14.110

Mies, Tim

So one question I have, if anybody can answer this and I'm not sure we have the answer here.

0:37:14.890 --> 0:37:17.910

Mies, Tim

Does athletics fall under the zero?

0:37:18.930 --> 0:37:21.730

Mies, Tim

Square footage increase also just.

0:37:23.50 --> 0:37:29.970

Mies, Tim

I I'm not going to pick on athletics because they obviously have lots of donors also, but watching the growth along.

0:37:31.680 --> 0:37:35.170

Mies, Tim

10s of not Florida Ave over the last couple years.

0:37:36.620 --> 0:37:42.330

Mies, Tim

And a lot of those being just big, I mean, great. I'm, I'm glad to see these facilities growing. I'm glad to see.

0:37:43.30 --> 0:37:48.690

Mies, Tim

Umm, the facilities growing equitably between all the different teams, it seems like.

0:37:50.920 --> 0:37:53.570

Mies, Tim

But I think those are sometimes your donors that might.

0:37:55.390 --> 0:38:1.180

Mies, Tim

I don't know if they would have more money to go towards. I mean, if you really push and say sustainable facilities on the.

0:38:1.920 --> 0:38:6.900

Mies, Tim

From the South campus, Umm, that I don't know. I just. It seems like there's a lot of growth there.

0:38:7.670 --> 0:38:11.250

Mies, Tim

And I'm not sure where we are taking buildings down to.

0:38:12.520 --> 0:38:13.710

Mies, Tim

To accommodate that growth.

0:38:16.820 --> 0:38:18.710

Mies, Tim

I don't know if anybody here has any.

0:38:19.520 --> 0:38:20.950

Mies, Tim

Insight into that but.

0:38:24.120 --> 0:38:24.330

Mies, Tim

Yeah.

0:38:22.390 --> 0:38:27.430

Swanson, Tyler Jacob

Paul, do you have any idea being in F&S but how this is kind of accomplished?

0:38:26.460 --> 0:38:28.990

Mies, Tim

I'm not looking at you, Paul, but I'm kind of looking at you so.

0:38:30.220 --> 0:38:31.10

Foote, Gerard Paul

Yeah. So.

0:38:30.210 --> 0:38:31.20

Mies, Tim

Maybe you know?

0:38:31.350 --> 0:38:35.180

Roman, Robert Raymond

Paul, let me help you a little bit like you're talking more South campus, right?

0:38:36.230 --> 0:38:36.750

Mies, Tim

Yes.

0:38:37.190 --> 0:38:41.20

Roman, Robert Raymond

Yeah, I I think a lot of that is the research park folks.

0:38:42.140 --> 0:38:43.410

Roman, Robert Raymond

And UM.

0:38:44.880 --> 0:38:52.440

Roman, Robert Raymond

That's there are a couple of buildings. There's one going up for the system offices and there's one going up for the foundation.

0:38:54.280 --> 0:39:4.570

Roman, Robert Raymond

But a lot of the other ones that are going up, I just kind of talked recently by a company that's putting solar panels on the proposed residential building on South campus.

0:39:5.810 --> 0:39:8.420

Roman, Robert Raymond

But it's it's all research park and.

0:39:9.670 --> 0:39:28.300

Roman, Robert Raymond

I since I've been here, it's been difficult to get their attention. They tend to operate all on their own and well, we don't know. They're part of the university. They operate as though they're not. So I don't have any really good answers and trying to find that.

0:39:28.380 --> 0:39:36.270

Roman, Robert Raymond

The High level executive that will help us, you know, maybe leverage that. And I I would I think.

0:39:37.270 --> 0:39:43.940

Roman, Robert Raymond

The Vice Chancellor of research is got some commitment and involvement in that, but I'm not sure at what level.

0:39:45.780 --> 0:39:46.460

Roman, Robert Raymond
Does that help?

0:39:47.60 --> 0:40:3.600

Mies, Tim

So that's interesting because I was actually thinking more of the new softball and baseball facilities, but you actually hit on something completely different as that research park. And I mean, there are several groups that I work with directly that are putting greenhouses on.

0:40:4.460 --> 0:40:11.600

Mies, Tim

Umm, South campus through Fox Development or whatever Fox it is now, whatever that umbrella is.

0:40:12.280 --> 0:40:20.710

Mies, Tim

Umm. And I know one of them at least has geothermal, so I maybe some good things going on there, but I'm just curious, yeah, that might be skirting our.

0:40:21.440 --> 0:40:23.990

Mies, Tim

Wonder if that skirts are square footage a little bit.

0:40:24.960 --> 0:40:26.600

Mies, Tim

Right going to research park.

0:40:27.20 --> 0:40:41.60

Roman, Robert Raymond

Well, the other thing that bothers me is that they are discounting campus utilities that we're working hard to, you know, reduce our carbon footprint through our generation assets. And they're gonna just hook onto the Yammer and grid.

0:40:41.890 --> 0:40:42.280

Mies, Tim

Umm.

0:40:43.610 --> 0:40:51.160

Roman, Robert Raymond

So I'm sorry, I missed the intent topic of your discussion there. I didn't know you were talking about the ball fields, but.

0:40:52.440 --> 0:40:59.210

Mies, Tim

No, I was, yeah. I was originally thinking along Pennsylvania or Florida Ave some of the athletic facilities, but.

0:41:1.350 --> 0:41:2.940

Mies, Tim

Yeah. You you brought up a whole Devin.

0:41:1.280 --> 0:41:30.670

Foote, Gerard Paul

I think that Kirby corridor has been expanded on. I don't, I mean the the money talks, right? So when the donors throw \$1,000,000 and say they want the baseball team that them and their their husband and wife wanted to see when they were here and blah blah blah, that carries a lot of weight. So I don't, I know we have people in the Provost office that are focused on space and space management and looking at exactly what gets taken down and put up and and that.

0:41:30.770 --> 0:41:41.650

Foote, Gerard Paul

The verbiage that's in the ICAP that says we're supposed to maintain an A net neutral growth pattern. I don't believe there's any accountability or enforcement that goes behind it that I've heard of.

0:41:43.290 --> 0:42:10.900

Foote, Gerard Paul

I I don't know how much they're the theory was that they were gonna demolish space and then it'll be a one for one trade out and then the new buildings could take up the old bases. They got demolished. But I think, you know, donors called the shots and apparently I don't know what the map is or how much we've been. Are we right near it or are we just over it or under it? I I don't follow it closely enough to to do that but it's a great point.

0:42:11.850 --> 0:42:22.880

Foote, Gerard Paul

Back to the actual topic of how we get like net zero. The last conference I went to, they kind of switched to to start talking about carbon neutrality and they there's a lot of.

0:42:24.210 --> 0:42:58.800

Foote, Gerard Paul

People, the the builders, the contractors, the design engineer firms and the universities that were employed employing in or or ringing them on, we're focused on carbon neutrality and you were talking about the older buildings already have all the carbon that they built from their life. So by maintaining a renovating a new building, you're not generating any new carbon, you're you're infrastructure already, all the carbon pulled out from that has already been used up and it's in its lifetime.

0:42:59.320 --> 0:43:18.610

Foote, Gerard Paul

And so they're starting to say that that's the new model that we're gonna focus on. And it was a probably half of the presentations that we attended at the last conference spoke of carbon neutrality instead of Lee Gold or lead silver or all these things. And they started to look at also live.

0:43:19.350 --> 0:43:50.490

Foote, Gerard Paul

You know, growth plants that we the turning the actual infrastructure into filtering devices with plants

and things that, that that captured the CO2 and then regenerate that. So they're getting into more of that type of environmental design in the buildings and spaces and renovation. So using the old buildings, they also pointed out that to get optimal efficiency you need bigger ducts and less fan pressure and the current cavities that we have in the old buildings.

0:43:50.570 --> 0:44:9.300

Footo, Gerard Paul

That aren't easily modified to do that, so there's a lot of hurdles going down that road too. So, but that might be a perspective we could try to gain some traction as opposed to just throwing out a net zero or net positive terminology. We could look into that and see if there's any way to use that as a target.

0:44:12.850 --> 0:44:29.950

Martha Kubakh (Guest)

I think a good next step for us is I think Tim brings up a really good point. I've also noticed the athletics. I wanted to actually ask about that too. So I think maybe reaching out, I don't know who is in charge of that, but I think figuring that out and kind of seeing how that works could be a good step to figuring.

0:44:31.130 --> 0:44:33.440

Martha Kubakh (Guest)

Some more details out about the recommendation.

0:44:34.700 --> 0:44:36.70

Martha Kubakh (Guest)

And more things that we can include.

0:44:38.230 --> 0:44:45.70

Swanson, Tyler Jacob

And also just adding to your question about the what the Space Bank looks like, as I read the the report.

0:44:46.330 --> 0:45:2.820

Swanson, Tyler Jacob

From 2021 to 2030, in the Space Bank, it was projected to be about at 100,000 square feet, or at about this point in time. And with the new buildings like the SIF and the planned South campus facility, I'm not sure if that's going to be exceeded or not. So that's a.

0:45:3.490 --> 0:45:13.420

Swanson, Tyler Jacob

A big thing to consider because that also affects the a lot of energy planning too. But I do like the idea of carbon neutrality as a proposal for buildings. I think that could be a good, good way to look.

0:45:18.610 --> 0:45:23.200

Stumpf, Andrew J

And Tyler, aren't you doing a study of the the athletic department?

0:45:24.100 --> 0:45:53.470

Swanson, Tyler Jacob

I was doing in a valuation of basically their their green practices with the AASHE stars report or sustainability tracking system that we report for. There is an option to essentially certify your athletics

department as being green. That generally requires to you to have lead certified facilities to source your concessions from local areas to use sustainable landscape management on your fields.

0:45:53.890 --> 0:46:1.770

Swanson, Tyler Jacob

But to provide sustainable transportation to and from games, there's not too much related specifically to energy. Besides that lead certification.

0:46:2.270 --> 0:46:15.770

Swanson, Tyler Jacob

Uh, I think technically you only have to have one building certified, so Illinois already qualifies because of the State Farm center. You know that it's a pretty easy hurdle to make for that certification.

0:46:16.380 --> 0:46:41.900

Swanson, Tyler Jacob

Umm. But there's also the whole other aspect of a lot of ICAP teams actually have been trying to get in contact with DIA over the past year or to look at doing a green tailgate, doing some more sustainable things with the athletics department. But nobody's getting back in touch. So that is a major roadblock, is that they're just, they don't seem to be very willing to to help. It's not a big priority for them right now.

0:46:43.430 --> 0:46:51.970

Swanson, Tyler Jacob

But maybe that's changing with the new coke. Don't waste it. Yeah. Campaign than they did the, you know, the event in November so we could be seeing a shift.

0:46:52.510 --> 0:47:0.330

Anderson, Shannon Rose

Yeah, I was at that event. I've volunteered for that. I thought it was interesting. The people working at the facility were actually really mean to all of us.

0:47:1.670 --> 0:47:25.220

Anderson, Shannon Rose

They are like misled us and where we were supposed to go and they were like, constantly asking us to like, not watch the game. And because we didn't have tickets and things. So I definitely think there is more of a conversation that needs to be had with the people who worked facility in terms of what implementing sustainable solutions looks like in practice and encouraging engagement with students instead of having them shut them down.

0:47:26.110 --> 0:47:35.180

Swanson, Tyler Jacob

Sorry, you were accosted for wanting to enjoy all my basketball game. Yeah, I I didn't volunteer for that. And I, but I'm. I know it was also kind of a.

0:47:36.970 --> 0:47:46.120

Swanson, Tyler Jacob

Difficult thing to play in the 1st place, so I guess it makes sense that maybe State Farm Center employees were not as completely aware of what was going on with the event.

0:47:48.750 --> 0:47:58.960

Swanson, Tyler Jacob

But yes, so that's a good question about DIA. And I think we should maybe e-mail the Provost office and see kind of what the Space Bank looks like right now and.

0:47:59.780 --> 0:48:7.820

Swanson, Tyler Jacob

If that counts in how it's accounted for, I mean, I think that's university space and it should certainly be being built quite rapidly.

0:48:8.940 --> 0:48:20.920

Anderson, Shannon Rose

If it's possible, if the data exists, I'd be happy to help do some sort of geospatial analysis to kind of see how that's changing over time and if we can get any sort of assessment just from land use. If you need help with that, let me know.

0:48:21.370 --> 0:48:22.820

Swanson, Tyler Jacob

Yeah. I'll certainly reach out to you, Shannon.

0:48:26.190 --> 0:48:35.870

Swanson, Tyler Jacob

Any other discussion on this specific topic about what we can do towards maybe building energy efficiency either mandates or guidelines?

0:48:39.610 --> 0:48:46.870

Swanson, Tyler Jacob

I think we're making progress, but we still have to figure out what exactly it is that we are going to be asking the I cap working group or asking the university to do.

0:48:49.360 --> 0:49:3.530

Martha Kubakh (Guest)

I think maybe Umm me and Aman can focus on drafting up or like kind of revising what we already have and then bringing it back maybe to the next meeting so we can review. We can revise that again and see if we're on the right track. Maybe if that's yeah.

0:49:3.580 --> 0:49:20.510

Mehta, Aman

Especially because for both the recommendations, we need to talk to a few people before we revise it as well. So we need to focus that until we meet as a group again the next time. And by that time we hope to have a revised draft of both the recommendations having spoken to everyone who we need to speak to.

0:49:22.520 --> 0:49:22.860

Swanson, Tyler Jacob

OK.

0:49:22.220 --> 0:49:23.410

Martha Kubakh (Guest)

I think that's a good point.

0:49:23.930 --> 0:49:24.230

Mehta, Aman

Yeah.

0:49:26.570 --> 0:49:27.520

Foote, Gerard Paul

I don't know if I'm.

0:49:24.210 --> 0:49:28.540

Swanson, Tyler Jacob

Good, good. Umm, what we're. We'll go ahead, Paul.

0:49:29.280 --> 0:49:33.860

Foote, Gerard Paul

Just a quick positive note on that. The ECE Building was originally.

0:49:35.90 --> 0:50:3.180

Foote, Gerard Paul

Funded by the \$100 million worth of donations they originally had, solar rooftop solar, and they were gonna put it on the parking deck to offset and be the one of the first largest buildings with net zero and campus when it was originally built. And all of the \$100 million got used up in the actual building and there was a small amount of solar array that was put there for research and engineering.

0:50:3.960 --> 0:50:8.30

Foote, Gerard Paul

Search and they instituted that, put it on there. They had other solar panels.

0:50:9.190 --> 0:50:39.50

Foote, Gerard Paul

It was a real struggle to get that actually to net zero, but they were able to be certified and we just got that certification. I sent an e-mail out from Joyce, Mass, who is a dedicated person that really worked a lot of years after the project was built to try to push all those hurdles and make it happen. So and her her comment was, you know, as a group that's working on campus to spread this, she wants to know what.

0:50:49.510 --> 0:50:50.40

Swanson, Tyler Jacob

Yes.

0:50:39.200 --> 0:50:51.490

Foote, Gerard Paul

What she can do that because it's since she's already fought for it to get it through once, she'd like to see it happen a lot more on campus. So. So we can say that it's not impossible. It's just gonna take a whole lot.

0:50:52.10 --> 0:51:19.200

Swanson, Tyler Jacob

To be great if she could kind of write up a little document, you know, saying kind of what the big obstacles were in the effort, what the, you know, what lessons learned were to make things go easier next time and maybe get almost like a sort of playbook for building operators to pursue net zero status or just high energy efficiency status and their buildings in the future.

0:51:20.770 --> 0:51:22.620

Swanson, Tyler Jacob

Could be a good place to at least go for now.

0:51:23.50 --> 0:51:29.170

Anderson, Shannon Rose

Tyler, do you think it would be possible to do like A blog or something external facing through I see to celebrate good news.

0:51:29.920 --> 0:51:59.750

Swanson, Tyler Jacob

Oh yeah, definitely. I mean, I see loves putting anything and everything on their on their website. I think they just they keep putting the video of me going around campus and talking about sustainable things on there and I'd love to have a different face on the website for for one. So yeah, I think if we if we reached out to either Tony Mancuso or Mark Herman, we're both of them. Tony does a lot of the the writing while Mark does a lot of the videography, they might be interested in doing a big feature.

0:52:0.220 --> 0:52:2.110

Swanson, Tyler Jacob

On that for for the icy blog.

0:52:5.240 --> 0:52:33.350

Swanson, Tyler Jacob

Right. That is a high note. We have 10 minutes left. Only there was one thing that I also wanted to touch on that's somewhat related to building energy efficiency also related to the work that I've been doing on just kind of assessing the campus sustainability where we're at right now and I've come a lot come across a lot of reports by both students and it seems like actual university employees or staff on rooftop solar feasibility studies that were conducted throughout the twenty 10s.

0:52:34.570 --> 0:53:4.700

Swanson, Tyler Jacob

And I was wondering if we should recommend that we kind of revisit those cause a lot of these studies show that there is potential for solar energy generation in that in a lot of cases it's feasible with the structure of the roof and there's actual energy generation potential there. You think it's worthwhile to say hey, maybe we should revisit these and look at these technologies again or are we just kind of focused solely and going down the path of the virtual PPA with Solar Farm 3.0 now?

0:53:7.600 --> 0:53:12.160

Swanson, Tyler Jacob

This is a big question to ask. I know it could start a big discussion. I just wanted to put that thought in everybody's head.

0:53:13.760 --> 0:53:14.330

Mies, Tim

So.

0:53:14.90 --> 0:53:14.500

Foote, Gerard Paul

Yeah.

0:53:15.410 --> 0:53:25.540

Mies, Tim

I was going to say after years of this topic coming up and I mean this is going back to Scott Willenbrock and kind of the first SWAT teams.

0:53:26.540 --> 0:53:28.180

Mies, Tim

I think really what we found.

0:53:29.700 --> 0:53:30.410

Mies, Tim

Was.

0:53:32.500 --> 0:53:41.300

Mies, Tim

Reluctance from Architectural Review Committee was one of the topics was is it visible from the ground level because that changes the stacks of the building.

0:53:42.0 --> 0:53:45.310

Mies, Tim

Umm. And just the overall cost to.

0:53:46.30 --> 0:53:56.50

Mies, Tim

To evaluate buildings for just the feasibility of whether could happen, I think that's really what pushed everything to Solar Farm, one Solar Farm 2.

0:53:58.710 --> 0:54:1.20

Mies, Tim

I'm all for going back to parking lots.

0:54:2.460 --> 0:54:4.830

Mies, Tim

Places where we can build structure from the ground up.

0:54:6.320 --> 0:54:11.890

Mies, Tim

I know there was reluctance from transportation as far as how do you clear snow and all the issues with that?

0:54:14.50 --> 0:54:21.720

Mies, Tim

But it seems like the return for the investment on rooftops was was a really hard one to get anybody to swallow on and.

0:54:23.10 --> 0:54:29.790

Mies, Tim

Yeah, that's that's just a really brief review of what it feels like. We spent years discussing.

0:54:31.240 --> 0:54:33.740

Mies, Tim

I don't know who else wants to jump in and add their bed and.

0:54:36.100 --> 0:54:36.890

Mies, Tim

Start with that.

0:54:39.300 --> 0:54:39.990

Foote, Gerard Paul

Yeah, it's.

0:55:0.160 --> 0:55:0.540

Swanson, Tyler Jacob

OK.

0:54:39.150 --> 0:55:2.50

McFall, Damon

So I had a conversation with Professor Ertekin Eleff, who participated, I guess, and creating one of those, and she came to the same conclusion that there is just too much to invest in the the amount of power that we could reap was was just not there. And I thought with like me being such a large roof and she's like, no, this is this really isn't that great. So it gave me a reality check.

0:55:2.570 --> 0:55:2.750

Swanson, Tyler Jacob

So.

0:55:4.860 --> 0:55:37.470

Foote, Gerard Paul

Yeah, I think we get confused cause we see a lot of homes and residential situations and we think ohh well we could mount it and anchor it to our roofs and and really you're only in worried about lift, right. So how much can it lift? Cause basically the roof load capacity per square inch with the snow that we get in our area offsets any weight that the solar panels and their hardware is gonna do. But when you start talking about all our campus buildings and you've got the historical value of them and the view from the rest of it and you look at the power density off of.

0:55:57.90 --> 0:55:57.480

Swanson, Tyler Jacob

OK.

0:55:37.850 --> 0:56:8.790

Foote, Gerard Paul

One space for roof and compare that to doing 27 acres out in the farmlands. It's miniscule. We'll return on investment is just not there. So that's why we went through all those exercises, was got willenbrock and ended up coming out with the solar farms because the the it's much more bang for your buck and it's a lot more impactful and you know, we could do every building in the main quad and maybe add another percentage of our consumption.

0:56:9.270 --> 0:56:9.550

Swanson, Tyler Jacob

Hmm.

0:56:8.920 --> 0:56:12.410

Foote, Gerard Paul

In demand. So it's really not that feasible.

0:56:12.830 --> 0:56:16.600

Swanson, Tyler Jacob

OK. Well, I think that's a good point to end the discussion then.

0:56:17.410 --> 0:56:20.50

Mies, Tim

So actually I'm gonna throw one thing out there.

0:56:22.80 --> 0:56:29.560

Mies, Tim

So I thought I heard somebody discussing the possibility of parking garages going in by State Farm Center.

0:56:30.660 --> 0:56:35.670

Mies, Tim

Is anybody else heard that? Is that something where, you know, if a new parking garage goes in, should it be?

0:56:36.460 --> 0:56:37.450

Mies, Tim

Specified.

0:56:38.900 --> 0:56:39.220

Swanson, Tyler Jacob

There.

0:56:38.560 --> 0:56:44.930

Mies, Tim

And I think uh, wasn't it? ECE was supposed to have parking garage solar also, and that was.

0:56:45.630 --> 0:56:47.10

Mies, Tim

That did not happen and.

0:56:48.100 --> 0:56:48.360

Mies, Tim

Yeah.

0:56:49.180 --> 0:56:55.820

Foote, Gerard Paul

Yeah, the ECE Solar, the parking garage and the north parking garage was not.

0:56:57.20 --> 0:57:9.430

Foote, Gerard Paul

The pilings that supported the whole infrastructure were not strong enough to it would have to be to get the most solar per the footprint they'd have to do like a big wing, and that wing was gonna create a lot more.

0:57:10.670 --> 0:57:39.410

Foote, Gerard Paul

Hazards from the environmental hazards, from wind and etcetera, and then the runoff from the water on top of it, you have to collect that. And so it made the actual project of that like 1.1 megawatts end up being like \$12 million, which was close to what the project for the entire solar farm one was. So you look at 1.1 megawatts on the roof of the parking structure for almost the same cost as.

0:57:40.290 --> 0:57:43.880

Foote, Gerard Paul

5.85 megawatts out on this on on the farm.

0:57:44.890 --> 0:57:45.340

Foote, Gerard Paul

So.

0:57:46.20 --> 0:57:51.900

Swanson, Tyler Jacob

Yeah, Tim, I think the parking garage wise, there's one being right being construction right across the street from a more of the stadium.

0:57:53.830 --> 0:57:55.120

Swanson, Tyler Jacob

That might be what you're thinking of.

0:57:58.660 --> 0:57:59.650

Swanson, Tyler Jacob

Yeah, yeah.

0:57:56.30 --> 0:57:59.670

Mies, Tim

Yeah, that's what Lowell Law library lot trying to think about, what they call it.

0:58:1.220 --> 0:58:2.310

Swanson, Tyler Jacob

Yeah, that's the one I think.

0:58:4.410 --> 0:58:13.760

Swanson, Tyler Jacob

And I, from what I understand, I don't think there is solar for that. I know they're planning a a bike shelter. That's the transportation team is working on a lot just to get a covered bike shelter there.

0:58:15.180 --> 0:58:15.490

Swanson, Tyler Jacob

But.

0:58:16.410 --> 0:58:17.670

Swanson, Tyler Jacob

I think I heard anything, the solar.

0:58:20.550 --> 0:58:20.860

Mies, Tim

OK.

0:58:21.520 --> 0:58:21.950

Mies, Tim

Thank you.

0:58:20.40 --> 0:58:31.350

Swanson, Tyler Jacob

But OK, thank you all for humoring me here. I appreciate that cause. I've been thinking about this a lot as I go through and and look at the, the things that are on the I cap portal related to solar energy. I've been trying to document everything we've done in the past.

0:58:33.690 --> 0:58:37.240

Swanson, Tyler Jacob

Are there any final things for today's meeting that we want to talk about bring up?

0:58:39.840 --> 0:58:59.150

Swanson, Tyler Jacob

What's going twice? OK, good. Well, it seems like we know what we're gonna be working on for next. Next month, I think we'll be reaching out to people on the energy research team. Getting contact with them. We can think a bit more about building energy efficiency and what that could look like as recommendation. And, yeah, we'll just come back and discuss it. Thank you all.

0:59:0.880 --> 0:59:1.690

Foote, Gerard Paul

Take care of buddy.

0:59:0.810 --> 0:59:1.760

Mehta, Aman

OK. Thank you very much.

0:59:2.70 --> 0:59:2.460

Martha Kubakh (Guest)

You're.

0:59:1.520 --> 0:59:2.590

Stumpf, Andrew J

Alright, thanks.

0:59:4.200 --> 0:59:4.560

Anderson, Shannon Rose

Thanks.

0:59:5.170 --> 0:59:5.640

Roman, Robert Raymond

Bye.