



PUBLIC MEETING AGENDA

Sustainability & Resilience Commission

MEETING DATE

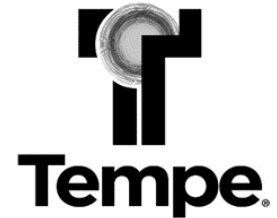
Monday, December 18, 2023
4:30 pm – 6:00 pm

MEETING LOCATION

[Click here to join the meeting](#)
Meeting ID: 225 486 248 85
Passcode: opUGKh
[Download Teams](#) | [Join on the web](#)
Or call in (audio only)
[+1 480-498-8745,8219046#](#) United States, Phoenix
Phone Conference ID: 821 904 6#

AGENDA ITEM	PRESENTER	ACTION or DISCUSSION
1. Welcome and SRC Mission	Kendon Jung, Commission Chair (4:30 – 4:35 pm)	
2. Public Appearances The Sustainability Commission welcomes public comment for items listed on this agenda. There is a <i>three-minute time limit</i> per citizen.	Kendon Jung, Commission Chair (4:33 – 4:35 pm)	
3. Review of Meeting Minutes The Commission will be asked to review meeting minutes from the November 20, 2023 meeting.	Kendon Jung, Commission Chair (4:35 – 4:37 pm)	Action
4. Cool Kids, Cool Places, Cool Futures Grant Findings	Katja Brundiers, Associate Clinical Professor, College of Global Futures Paul Coseo, Ph. D., PLA, ASU Design School (4:37 – 5:00 pm)	Discussion
5. 2024 Neighborhood Awards – Call for Nominations	Kendon Jung, Commission Chair (5:00 – 5:15 pm)	Discussion
7. Chair and Vice Chair Elections	Kendon Jung, Commission Chair Brianna Fisher, Climate Action Manager (5:15-5:35pm)	Action
8. Sustainability and Resilience Office Updates and Housekeeping • 2024 SRC Meeting Schedule	Eric Iwersen, Sustainability and Resilience Director (5:35 – 5:45 pm)	Discussion
9. Future Agenda Items - Commission may request future agenda items. • January Retreat • Tempe Composting • Solar Shade on Canals	Commission Chair (5:45 – 6:00pm)	Action

According to the Arizona Open Meeting Law, the Sustainability Commission may only discuss matters listed on the agenda. The City of Tempe endeavors to make all public meetings accessible to persons with disabilities. With 48 hours advance notice, special assistance is available at public meetings for sight and/or hearing-impaired persons. Please call 350-2775 (voice) or 350-8400 (TDD) to request an accommodation to participate in a public meeting.



Minutes

City of Tempe Sustainability Commission November 20, 2023

Minutes of the Tempe Sustainability Commission meeting held on Monday, November 20, 2023, 4:30 p.m. at a virtual meeting on MS Teams, through City Hall, 31 E. 5th Street, Tempe, Arizona.

(MEMBERS) Present:

Kendon Jung (Chair)
Barbie Burke (Vice Chair)
Natalie Mendoza
Ben Paulat
Taylor Conley

Morgan Winburn
Jake Swanson
Shawn Swisher
Erin Boyd
Joshua Randall

(MEMBERS) Absent:

Katja Brundiers

City Staff Present:

Brianne Fisher
Andy Escobar
Maddie Mercer
Evelyn Brumfield
Carissa Fowler
Tom Duensing
Richard Adkins
Dawn Ratcliffe
Helene Tack
Madalaine McConville

Guests Present:

David Sokolowski

Agenda Item 1 – Welcome New Members and SRC Mission

Chair Kendon Jung called the meeting to order at 4:31 p.m.

Agenda Item 2 – Public Appearances

David Sokolowski, commented on the green building codes. He said the codes do not have anything to do with equity or inclusion, and this code would make the housing crisis worse. He said that the apache development area cannot afford to make those green building codes mandatory, and that making them mandatory would cause gentrification. He claims that Tempe is failing to produce low-income housing for residents, and that this is not an appropriate time to adopt policies that could increase the cost of housing due to the lack of affordability.

Agenda Item 3 – Review of Meeting Minutes

Chair Kendon Jung called for a motion to approve the meeting minutes from October 16, 2023.

Motion: Ben Paulat

Second: Jake Swanson

Decision: Approved 10-0

Chair Kendon Jung called for a motion to move agenda item number 6, IgCC Municipal Policy and Implementation, to agenda item number 4.

Motion: Kendon Jung

Second: Taylor Conley

Decision: Approved 10-0

Agenda Item 4 – IgCC Municipal Policy and Implementation, Brianne Fisher

Brianne Fisher, Climate Action Manager, gave a presentation to update the Commission on the IgCC (International Green Construction Code) Hearing and Next Steps. She gave a brief overview of the project, being that the Sustainability and Resilience Office (SRO) is spearheading the adoption of the International Green Construction Code, an initiative that is out of the approved Climate Action Plan.

SRO has been partnering with Community Development Building Safety Division as experts of the code and working with a consultant, Quest Energy, to develop the code language. There has already been a first hearing, where the commission wrote a letter of support that sparked discussion with council about voluntary vs. mandatory green building codes. There was thanks and appreciation to the commission from council on their letter of support.

Brianne reviewed some questions and comments from the first hearing. There were some questions/discussions about:

- (1) Engaging and approaching with schools as they are large institutions
- (2) The fact that we are adopting the 2018 IgCC version instead of the most updated – this is because we started this work a while ago, and building safety is using the 2018 code and will soon be going to the 2024 and 2025 code updates where IgCC will be included.
- (3) Hiring a green planner/building safety staff – already an approved position, interviews have started. Once this code is approved by council, we will have already hired someone to help lead the efforts on the IgCC program.
- (4) Engaging with developers given they will be using the IgCC for future developments
- (5) Tracking the use of IgCC – we hope this green code’s position and additional planning staff from community development, in addition to council, will encourage new developments to adopt some of the principles or look at some of the components of the chapters. The planner staff would be tracking the voluntary IgCC for a year to help identify the low hanging fruit and where the challenges are. This can help lead into areas of the IgCC that we can make mandatory and what is feasible.

Brianne discussed that in addition to tracking the use of IgCC, to make the code mandatory, SRO and the planning staff would look at creating an incentive to adopt IgCC, but this would require council direction and those discussions are moving at a slower pace.

SRO has committed to annual reports to council that will disclose IgCC progress and updates.

To support her presentation, Brianne presented Resolution No. R2023.xx (A resolution of the city council of the City of Tempe, Arizona. Adopting the City of Tempe Green Building Policy) regarding how the Tempe City Council will be mandating new municipal buildings and will be following the IgCC. In the report Brianne presented, she highlighted that there is some flexibility regarding the return on investment – saying that if there is a piece of the IgCC that doesn’t prove return on investment or cost recovery, staff is able to go to a different best practice building rating system such as (LEED, EnVision, or Green Globes) to see what the best option is for more efficient conservation. This provides flexibility where cost outruns the efficiency in a 7 year buy-back period.

Two things that will be voted on in the November 30th meeting will be (1) the second hearing to adopt the voluntary adoption of the IgCC for private development and (2) the mandatory adoption of the IgCC for municipal buildings.

Brianne will send a reminder the day before the November 30th council meeting to encourage commissioners to put in public comment and speak in person at council chambers.

Questions: Vice Chair Burke relayed some questions from the chat:

- Commissioner Jake Swanson addresses the public comment made by David Sokolowski: Jake mentions how we as an entity should include that cognitive and social scope of navigating the benefit of the program, and how he would be interested in working that equity component into the job description for the planning position so we can acknowledge those social perspectives and attempt to measure the tradeoffs of the program on those aspects moving forward.
- Chair Kendon Jung continues on Jake Swanson point, saying that Brianne Fisher and Eric Iwerson have had conversations about working with the development community and working with Mosaic Development Partners, a black owned developing firm out of the East Coast that looks at the intersectionality of affordability, social issues, and solving community needs. Through these partnerships, we can have these social discussions and build awareness that this done equitably and does not fall onto the residents that are vulnerable. Kendon mentions that credit agencies will soon be incorporating project resiliency into the way that they rate credit scores or cities as well as developers; so not including sustainability work will decrease credit scores and increase the cost of borrowing. Kendon highlights that having these conversations with council, groups like Mosaic Development Partners, and the Budget office will balance those social aspects of implementing the IgCC both voluntarily and mandatorily.
- Commissioner Jake Swanson followed up by expressing appreciation for there being a group dedicated to thinking about the social aspects of IgCC and ensuring that this is done equitably.

The November 30th council meeting is at 6:00.

Agenda Item 5 – Youth Climate Action Coordinator Update, Evelyn Brumfield

Evelyn Brumfield, the Youth Climate Action Coordinator, updates the commission on her work. Evelyn starts her presentation by refreshing the commission's memory by reviewing how the youth agenda was added to the Climate Action Plan Update. When the youth agenda was created, youth voices clearly stated that they wanted to see better food access and school greening. To orient everyone, Evelyn discusses the passion and vocalization youth has expressed in sustainability and the future of their environment. Evelyn commends the commission for having Taylor Conley on the commission, as Evelyn states youth voice normally go unheard.

To highlight the significance of why the investment in youth matters, Evelyn discusses the passion and vocalization youth has expressed in sustainability and the future of their environment. Evelyn also highlights that this investment matters as schools are trusted institutions in neighborhoods, are already embedded in the community, and are asset-focused places that communities go for resources. Food baskets or farm bags are some examples of some community involvement schools have participated in, and that underlines why schools are an important investment for the resilience building work SRO is committed to.

Evelyn reminds the commission that the catalyst for this work was through the Cool Kids, Cool Places, Cool Futures grant from the Robert Wood Johnson Foundation. The overarching goal of the grant was to move away from individual heat responsibility toward a future of community resilience. This work encompasses *how* we are working with youth as stakeholders. Most work is done in McClintock High School, but there are many partnerships that have stemmed from this work including partnerships with the Sustainability and Resilience Office.

At McClintock Highschool, through the Robert Wood Johnson Foundation and Grow Local Tempe grants, there is cocreation and project-based work. Evelyn talks about how students want to be change makers and see their work make a difference, so some of the projects the students helped to implement include (1) vegan/vegetarian foods in the cafeteria, (2) greenhouse repair with (3) native garden beds and (4) a replanting of the desert pollinator garden along McClintock Drive.

To bring the commission up to speed, Evelyn gets into projects she is currently working on at McClintock High School. Right now, she is in the process of co-creating a school green space in a grassy area of the school. This is with the help of an indigenous consultant, Sky Gilson, who works with IDC and is helping discover indigenous roots to the area and placemaking for that space. Evelyn presents a student generated sketch of the area that includes sitting area and green spaces. Evelyn is also working with the students to have some pop-up clothing stores to address the dress code and upcycling. Evelyn hopes that McClintock can be a showcase and pilot project school for things like showcasing what a green school could be including energy efficiency upgrades, adding shade and cooling improvements, and even thinking big about what a microgrid or a resilience hub would look like at McClintock.

One of the biggest partners that have approached Evelyn in relation to her green schoolwork is Tempe Elementary District #3. This interaction is at district level and have communicated where more shade is needed. There have been some interventions in TD3 already, as 60 trees were planted in the Spring, and 40 were planted this Fall. Evelyn talks

about how there is an urge to have a garden space on the campus, but capacity for having this is limited. SRO is working hard on garden capacity, especially investing in the people that will be managing this project, to ensure temporal sustainability. Evelyn showcased a project this past Fall where volunteers filled garden beds at Shamley Elementary with new soil and planted three of them to get the school started – two teachers stepped forward and said that they will manage the beds.

Another interaction that Evelyn has is with the Mayor's Youth Advisory Commission. This commission is comprised of 30 high schoolers at the beginning of the school year. This commission comes up with priorities every year and those commissioners do research within their student and youth community in Tempe to get feedback on those priorities where they then make recommendations for those priorities and bring them to council in May or June. The commission also provide a report to the Tempe Union High School District Governing Board, where consistently, their priorities encompass environmental, sustainability, and justice. Evelyn brings a lot of good interaction to the commission including updates that the Sustainability and Resilience Office is doing. For example, the Rain to Roots program and project are bringing along those youth from the Mayor's Youth Advisory Commission to be involved in that work, hopefully as ambassadors in the future.

At Tempe High School, Evelyn dives into the social and equity side of sustainability that intersects her work. She was approached by a government teacher from Tempe High School, as his goal is to apply lessons from history to what his students see and experience today. Evelyn is collaborating with that teacher on a project where students are researching, both through traditional lenses of research and youth participatory action research (ASU), inequities that they are seeing in Tempe around sustainability. Students are researching these topics online through the internet, and through interviewing their peer experiences to see how sustainability affects them. At the end of the semester, in December, these students will make recommendations to the Sustainability and Resilience Office, regarding what they think we could be doing more or less of.

Another initiative Evelyn is working on, is at Tempe Union High School, the Innovation Center. This high school is used for administration and professional development, but there is a pilot semester happening where students are in project-based learning groups, and city or business entities can pitch a problem they would like to see solved. SRO pitched a project around a holistic garden infrastructure and capacity project and was picked up by a small group of students that should be growing as the semester progresses. These students are interested in gardening, farming, shade, and seed work. Evelyn is helping to guide these students through a sustainable garden project where there is no existing infrastructure and helping them think through how they want to solve this problem.

Evelyn presents two last points, being her most recent activities as the Youth Climate Action Coordinator. She is working with the RCE Greater Phoenix and former commissioner, Katja Brundiers, who is the Director of the Regional Center for Expertise on Education for Sustainable Development. This is a United Nations offshoot where they focus on several sustainable development goals. Evelyn is part of the Community Advisory Council, made up of representatives from educational institutions, civil society groups, government entities, and nonprofits. The City of Tempe and the City of Phoenix are both represented on this council and have had two meetings so far.

The last point she makes is about the AZ Youth Climate Coalition which is a youth-led organization fighting for climate justice across Arizona through direct action, mutual aid, civic engagement, education, and more. Evelyn was asked to speak at the climate strike in September and was the only government office to be given the microphone that day where she talked about the youth agenda with an equity focus.

For Evelyn's future work, she has a goal of supporting school gardens and school greening, not just trees, but also with faculty, curriculum, and community support. Ensuring that water and maintenance happens correctly highlights the needs for a holistic approach. Continuing that deep relationship with McClintock and looking at how this could be a resilient microgrid that could be used as a resilience hub during an emergency for that surrounding neighborhood.

Questions:

- Chair Kendon Jung asks what KPIs this work is producing, both in student outcomes and the way their values are being leveraged for change in the spaces that they occupy; schools and districts they are in.
- Evelyn's response to Kendon's question is that students show a higher level of engagement with both the adults in their lives and bureaucracy. For example, there are students that will go to governing boards and lay out concerns. They did this, on their own, knowing what they know and feeling empowered by the work that our work has put into them to make those changes. This is not something that has typically happened in the past, but students now feel like they can leverage channels to make a difference.
- Kendon follows up with Evelyn asking, "What are the KPIs for their advocacy?"
- Evelyn responds saying that the McCintock popup threads clothing distribution that she covered in her presentation is a good example of advocacy KPIs. The high school system either changed or started to enforce their dress code to the point where students were having a rough time, so they held a strike on campus. The sustainability club came up with a creative solution to uphold to this dress code, using the pop-up Threads, run through the Tempe Community Council, clothing

distribution. This is a good form of reuse and upcycling and the sustainability students took it upon themselves to bring this free clothing popup to their school. Coming out of this is likely the establishment of a Threads popup store at McClintock because students have done this work.

- Chair Kendon Jung follows back saying how he would love for those two KPIs, the learning outcomes of students engaging in the work, and how their advocacy is affecting change, formalized so the commission can attach the antidotes to numbers and paint a larger picture.
- Commissioner, Taylor Conley, asked a question regarding making other connections to other high schools in the district.
- Evelyn responds to Taylor and discusses how this work was catalyzed through Cool Kids, Tempe High and McClintock were focused on because of their heat vulnerability. Those two schools are in warming parts of Tempe and are in places we were already working in. Evelyn highlights that eventually she hopes Tempe High, and McClintock will run smoothly with less of her help, which would allow for more time to be spent on creating the same types of programs at other schools.
- Brianne Fisher adds onto Evelyn's response that Evelyn's role is brand new, the SRO has never been engaging with youth and schools before, so we do not have any formal programs right now and are focused on building this trust with students, teachers, and facility maintenance folks. Brianne highlights that this is layers of relationship building to truly understand what the opportunities and needs are and to address what capacity exists to achieve common goals. Evelyn is building trust at all layers, and it is not only the physical institution that we want to improve (through campus greenings, energy efficiency, resilience hubs) but also the social infrastructure and how are we creating advocates and empowering youth.
- Commission Jake Swanson gives praise to Evelyn regarding her contextualization of Evelyn's tasks. Jake feels that a lot of organizations are not going as in depth as Evelyn is, and this is a great example of navigating that new space as a large portion of the youth do not trust institutions. Jake makes a comment on what KPIs look like for Evelyn in this space, and that hardcore quantitative KPIs might not be best for this situation, or if they are, then we need to mull over what these KPIs are so we can navigate and record those performance measures. Jake says this is fostering long-term investment in not only sustainable and climate advocate, but this position is opening avenues for future decision makers in general, which is more transformational than just climate advocates. Jake appreciates that Evelyn notes that there is a lot of trust that is put in her with these youth so they can learn to trust institutions. Jake hopes that this role can expand in the future but makes a note to not overextend Evelyn so she can continue to do good work in this space. Overall, Jake says great presentation.

- Commission Ben Paulat commends Evelyn on her work. He asks a question related to education components and the considerations that have been taken around native and traditional agricultural practices. More specifically, taking strides to teach the next generation about these processes and strategies including water harvesting and conservation to keep this program sustainable and cost effective.
- Evelyn answered the question by talking about how she is having conversations with students about what is native and desert adaptive, more so in the after-school sustainability club side of things as opposed to curriculum, but this is slowly changing. The long-term goal is to have classes that utilize infrastructure like the greenhouse at McClintock. Evelyn talks about how native plants are having to be sourced from Tucson, as there aren't those plants available at local nurseries. Conversations are starting to take place and the bridges are being built to have more native plants and native classes in these programs.
- Brianne Fisher adds to Evelyn's response that money has been dedicated from the Cool Kids grant that put funding towards the creation of some videos related to indigenization, the history of Tempe specifically and why some neighborhoods are hotter than other, red lining, zoning, and justice. The approval to share those videos has been a bit more difficult and challenging given the politics at the state level with schools. Brianne also mentions that SRO's work with the Rain to Roots Program, Evelyn has been in connection with the Mayor's Youth Advisory Council to plug them into that program.
- Brianne mentions Commissioner Erin Boyd's comment in the chat regarding that some of the students in Threads and at the Governing Board are in McClintock's sustainability club.
- Erin Boyd comments about how KPIs would be a great way to follow impact if we are seeing those measurements in public spaces.

Agenda Item 5 – Climate Action Plan Highlight Action: Resilience Hubs, Carissa Fowler

Brianne Fisher introduces Carissa Fowler, the contracted Heat Mitigation and Resilience Specialist that is working full-time on the highlight action in the Climate Action Plan of Resilience Hubs and getting this work up and running.

Carissa Fowler, the Heat Mitigation and Resilience Specialist, starts her presentation by first highlighting Resilient Energy Hub and Resilience Hubs as a highlight action that was identified by the Climate Justice Agenda in the Climate Action Plan update. This work is an immediate action that needs policy adoption and implementation as the purpose is to increase resilience to natural and man-made hazards. This highlight action is related to three Tempe Performance Measures: (1) 3.34 Community Health and Well-being, (2) Community Carbon Neutrality, and (3) Municipal Carbon Neutrality. Carissa elaborates that

resilience hubs enhance well-being through programming, providing emergency spaces, and promoting carbon neutrality via microgrids on city and community facilities.

Carissa first discusses the concept of a resilience hub, which are versatile community facilities designed to assist residents in their daily lives, respond effectively during emergencies, and aid in recovery. She also talks about how these hubs can be community centers, places of worship, and educational institutions and can empower communities before, during, and after emergencies. Carissa highlights that this work is important as we are entering a new era of climate change where every year, like this year, we are breaking heat records and seeing our grid and emergency response teams pushed to new limits. To pull this concept together, a slide in her presentation conceptualizes the idea of a grassroots emergency management approach and how it can foster resource collaboration and coordination with already existing community assets.

Carissa reviews her approach to identifying best practices, noting the difference between two established resilience hub networks: The City of Baltimore and the City of Austin. Baltimore focuses on nonprofits like faith-based institutions for the resilience hubs, and Austin focuses on utilizing their community centers. Both cities have a resilience hub network that hat brings together stakeholders to work on initiatives and collaborate on emergency and sustainability efforts. She ends the slide with talking about the Resilient Energy Hubs and Resilience Hubs Roadmap and how all these efforts lead us to establishing an ideal resilience hub, using Puerto Rico as an example as their hubs are always active and are equipped with solar, gardens, water storage and emergency kits.

The City of Tempe received funding from council to conduct a master plan to look at up to 30 sites for microgrid feasibility, a microgrid in this context being solar plus battery storage. While the vendor for this assessment is identify microgrid feasibility, Carissa will be conducting other assessments to identify emergency response capacity and gaps while the vendor is doing the microgrid assessment. The vendor will be assessing 10 police and fire stations, 10 community centers like Tempe recreation centers, the YMCA, Tempe Library, and Guadalupe Library, and 10 will be community-owned and operated nonprofits like faith-based institutions.

To identify the additional 10 community-owned sites, Carissa is engaging with facilities and organizations that are (1) in heat vulnerable areas, (2) appear new enough in infrastructure for a microgrid, (3) is a larger facility that could shelter residents, (4) already offers programming and services, (5) has a bathroom, (6) is easily accessible by the community, and (7) could operate in an emergency either as a shelter space, cooling center, reunification site, and supply distribution site.

Carissa presents a slide with three resilience hub components, Base, Optimal, and Ideal. She states that while we are using those 10 sites with the microgrid assessment as our pilot sites for the resilience hub network, we will not just be focusing on those facilities. In the future, after the assessment, she will be engaging with other community sites that could operate at a different level than just a shelter space. She notes that while some sites might not meet all the requirements of a resilience hub, with continuous improvements as funding and resources come in, resilience hubs can continue to improve to be more sustainable and resilient.

Using this microgrid assessment to bring in 10 community sites is a good incentive for them to be a part of this larger Resilience Hub Network. Carissa hopes that through the microgrid assessment coordination with the sites, a network will be created organically and will turn into monthly meetings to talk about grants and sustainability, resources and trainings, and emergency preparedness workshops. Eventually, this information will be displayed in a network map that can be accessed by the public that disclosure resilience hub operations.

Carissa broke her work does in 4 phases with months pertaining to each: Phase 1 (December), Phase 2 (January), Phase 3 (February-March), Phase 4 (April and beyond). In Phase 1, she will be engaging with the 10 community-owned sites to get them onboarded for the microgrid assessment and the network. She will also be developing a facility inventory with the help of emergency management to identify the capacity of each site to respond in an emergency. Depending on the onboarding process, Carissa will have the first Resilience Hub Network meeting in December or January, and communication with recreation centers will start after the emergency inventory has been developed. In January, she will host a public meeting on January 30th at EnVision Tempe showcasing the resilience hub work. In Phase 3, the microgrid assessment will take place along with the inventory. During this time Carissa will develop a plan for the emergency preparedness workshops that will happen at every resilience hub site. In Phase 4, she will facilitate those emergency planning workshops and continue to coordinate monthly meetings with the network. After these 10 pilot sites have trialed this process, the resilience hub network will be open to other organizations wanting to participate.

To end her presentation, Carissa gave an overview of EnVision Tempe and its progress. EnVison Tempe operated as a cooling center in the summer and was one of the busiest in the county. Half of the building has furniture, and the other half is still undergoing an interior design. A vendor was brought in to assess the kitchen and is going to give cost estimates for turning that into a commercial kitchen. Consistent coordination with the Apache Central Development Team to ensure that Grow Local Tempe and resilience hub initiatives are taken into consideration for the development. There is a plan to have an activation day at

EnVision to reengage residents on the concepts and identify programming they'd be interested in seeing at the site. Opening day for EnVision Tempe is TBD.

Questions:

- Commission Ben Paulat asks Carissa a question regarding how geography was considered when choosing these additional 10 community-owned facilities so that residents across Tempe have access to these hubs.
- Carissa responds saying that she looked at all the character areas in Tempe and considered rail roads, the Western Canal, and highways when considering where to place these hubs. She also highlighted that heat vulnerable areas were greatly taken into consideration as those are where hubs are needed most. Carissa also mentions that in the future, as part of the emergency inventory assessment, mobility will be tracked to ensure that all residents can access the resilience hubs and know how to.
- Chair Kendon Jung asks a question about pursuing newer buildings and the difference between new and old.
- Carissa responds saying that heat vulnerable areas were top priority, but that she looked at all the faith-based institutions in the City of Tempe and went through and saw what programming they offer and the size of their facilities. Based on Google Maps, Carissa looked at their capacity to shelter people in the event of an emergency, so size of the building was considered and to identify if the building appears newer, Carissa looked at Google Maps.
- Chair Kendon Jung makes a comment to the commission saying that resilience hubs don't just help communities in the state of emergencies, but it is also a tactic to bring affordable access to solar generation storage to buildings that were previously tariff that made that capacity inaccessible.
- Chair Kendon Jung has one more question related to how utilities fall into this work.
- Brianne Fisher answers this question saying this is where the microgrid assessment comes in, and how we are hiring an engineer consultant to do that assessment. The main things they will be looking for is utility data, feasibility (where would solar and battery go, what loads would it cover, and for how long), and the cost estimate for that installation. The utilities will come in at a later time.
- Brianne wanted to offer one point of clarification. She states that while the microgrid assessment's scope of work is to look at 30 sites for microgrid feasibility, we are using those assessments to do the work that Carissa is doing. In the future, if you are a community-owned facility and are interested in participating in this larger Resilience Hub Network, then that organization will have the opportunity to participate at any level they want to participate and get their resources on the map. If those facilities have goals of having more sustainability initiatives, that is where Carissa will come in to offer additional resources and help coordinate efforts. The goal is to have big and small organizations participate in this network at the level

they are capable, and coordinate efforts with our office so we can help them reach their goals.

- Chair Kendon Jung closes out the presentation by saying this work is foundational for the change we want to see down the road and the commission will push hard for this work to be a permanent role.

Agenda Item 7 – Annual Report

Brianne Fisher reviews what was discussed at the last commission meeting: the annual report that is compiled of other board and commission annual reports and approved by council and posted to the website. Brianne mentions that there have been these annual reports for the last five years. Brianne added a few things to the accomplishments and goals. Today, we are voting on approving and moving this forward as it is due on Wednesday. The final copy will be submitted to the clerk's office, approved by council, and published online.

Kendon Jung asks if there are any edits to be made before moving to a vote, and there are not.

Chair Kendon Jung motions to keep the annual report as written as is.

Motion: Barbie Burke

Second: Ben Paulat

10-0

Agenda Item 8 – Sustainability and Resilience Office Updates and Housekeeping

Brianne Fisher mentions that Eric Iwerson is not at the commission meeting tonight because there is a council meeting. Brianne is excited to share and introduce two new members of the SRO office, Helene Tack, who is our Policy and Grants Coordinator which was approved in last year's fiscal year.

Helene Tack introduces herself and explains her work. Helene joined the team about a month ago and are working with the Strategic Management and Innovation Office (SMIO) and with the Sustainability and Resilience Office (SRO). Her work with SMIO is working on a grant management program which is going to be streamlining grant processes across the city which will encourage more collaborative grant applications. With the sustainability team, Helene is working on some policy, specifically the CPRG (Climate Pollution Reduction Grant). Helene is loving the team and the work being done and she is look forward to getting to know the commissioners and all the great work the City of Tempe is doing.

Chair Kendon Jung thanks Helene for her work.

Commissioner Jake Swanson is thrilled to have Helene on the team as she has been foundational in how Jake processes and navigates sustainability problems. He highlights that we are very happy to have her on the team and the way she approaches problems is profound.

Brianne Fisher introduces Dawn Ratcliffe and gives a brief introduction of how Dawn is coming from another department and has years of experience. Dawn's work aligns with SRO's visions and goals, and her expertise from Solid Waste will be a good addition to the SRO team.

Dawn Ratcliffe, a Municipal and Utilities Program Coordinator, talks about how her work goals align with SRO's. Dawn is all about waste reduction and started her career working in the recycling and diversion realm in the 90s. Dawn mentions that the work that SRO is doing greatly aligns with her interests being diverting waste from the landfill.

Chair Kendon Jung expresses excitement that Dawn is part of the team and mentions how those waste diversion numbers are an upcoming priority, and Dawn's insight will be incredibly valuable.

Brianne Fisher highlights that coordination and communication amongst team member is a high value for SRO because SRO's work is so interconnected.

The last update Brianne gives is the Commission Composition Timeline, where Brianne will be putting that forward the first hearing in December, and the second hearing in January. Brianne says SRC will have an approved composition timeline, which will make positions more flexible, which the SRC commission was desiring, to ensure there are opportunities to get diverse perspectives on the commission. Brianne will continue to update the commission on this work.

Agenda Item 7 – Future Agenda Items

Next Sustainability & Resilience Commission meeting will be on December 18th. Vice Chair Kendon Jung asks Commissioners for ideas for future meetings via email. Kendon notes that elections for chair and vice chair are coming up.

Vice Chair Barbie Burke motions to adjourn the meeting at 5:59 p.m. on November 20th.

Motion: Barbie Burke

Second: Erin Boyd

Decision: Approved 10-0

Prepared by: Carissa Fowler
Reviewed by: Brianne Fisher

Addendum – MS Teams Chat:

[10/16 4:40 PM] Natalie Mendoza (Guest)

Would GSI also include collecting and storing excess stormwater for later use? I ask because the plants may only need so much water at any given time and we could always use more water overall.

[5:27 PM] Erin Boyd (Guest)

Love the "deep roots"

[5:28 PM] Kendon Jung

Thank you everyone for your great comments. We need to move on

like 1

[5:28 PM] Taylor Conley (Guest)

What is a KPI?

[5:29 PM] Brumfield, Evelyn

Key Performance Indicator - a way to measure success 😊

[5:30 PM] Jake Swanson (Guest)

Can we formalize this as a concept, perhaps liaisons to to your position, Evelyn? I know these new innovative roles can shift with the skills and personality of those who hold the position. Perhaps we can make sure to build in that active participation from a student council or something along those lines to ensure that what Erin commented on happens in continuity?

like 1

[5:30 PM] Kendon Jung

We are a tad behind. Please keep verbal questions brief and add any comments via chat.

[5:40 PM] Jake Swanson (Guest)

Carissa, I know this is a difficult space as it is a future anticipation, not an immediate problem, you've really made some gains in this space.

Sustainability Commission, November 20, 2023

In many examples of climate emergencies we routinely see community owned and trusted spaces are necessary for mitigating challenges that are seemingly unprecedented.

I've worked with some local businesses and am open and willing to connect and make some connections if you're looking for more, or if you just need support with existing spaces.

Thanks for all your work in this space!

like 1

[5:41 PM] Fisher, Brianne

<https://www.tempe.gov/government/community-development/planning/character-areas>

Character Areas | City of Tempe, AZ

The Character Area process is a method of helping a portion of Tempe describe what they would like the future of their neighborhood to be.

[Yesterday 5:41 PM] Fisher, Brianne

Character Areas^^

[5:47 PM] Jake Swanson (Guest)

Brianne, really appreciate your contextualization here. Looking forward to see how this project unfolds and hope you stay on, Carissa!

like 1

[5:56 PM] Jake Swanson (Guest)

Welcome, Dawn! So excited to have you on the team. It is absolutely delightful to have someone so steeped in this field jump on this team and be driven to navigating the circular space.

[5:57 PM] Jake Swanson (Guest)

Sounds like you have a wild background of experience. We are lucky to have you!

[5:59 PM] Jake Swanson (Guest)

Way to keep the conversation on schedule in spite of lots of conversation, Kendon.

laugh 2

[5:59 PM] Jake Swanson (Guest)

Thanks!



Tempe Sustainability Award Application: Achievement of the Year 2024



The Sustainability & Resilience Commission asks Tempe residents to nominate people, projects or organizations for the sustainability achievement of the year award. This award is meant to highlight people and projects in our city that are setting an example of how we can create a more sustainable and resilient city.

Who's eligible? Sustainability Awards recognize residents, organizations, youth and businesses that help to strengthen and creatively build the Tempe community through their commitment to and involvement in sustainability.

Who can nominate? Individuals, neighborhood groups, community organizations, and homeowners associations are encouraged to nominate any person, group, or business they feel exemplify sustainability at its best.

Include:

1. Completed form (reverse side)
2. Narrative: Why this nominee or project merits recognition. What has this individual, group, youth or business done to create a more sustainable and resilient neighborhood or community that is "above and beyond" notable? Describe how it meets recognition criteria, 1 page maximum.
3. Letters, emails, and documentations in support of the nomination.

Submit: **Follow instructions specific to this category below**

By Thursday, February 15, 2024 at 5:00 pm. *Late or incomplete nominations will not be considered.* Email: brianne_fisher@tempe.gov (Subject Line: Sustainability Award Nominee)

Awards will be presented at the Neighborhood Celebration Event on Saturday, April 6, 2024.

Award recognizes excellence in:

- Energy efficiency and conservation
- Water conservation and reclamation
- Sustainable practices such as high-performance building
- Leadership in building and engaging neighborhood communication, projects, activities and improvements
- Creativity and innovation in sustainable solutions
- Unique contributions of time, effort, skills, and/or financial resources to City's sustainable goals and objectives

IMPORTANT NOTE:

The award winner is selected by the Sustainability & Resilience Commission, an advisory board to the Mayor and Council on sustainable initiatives and achievements.

Please complete this form to nominate a person, group, youth or business for Achievement of the Year Award.

Person/group/youth/business being nominated:

Description of nominee's efforts/narrative (attach up to one page)

Nominee Info-complete all fields

Name: _____

Address: _____

Email: _____

Phone: _____

Nominator Info-complete all fields

Name: _____

Address: _____

Email: _____

Phone: _____

Others supporting application:

Name: _____ email/phone: _____

Name: _____ email/phone: _____

Name: _____ email/phone: _____

Sustainability and Resilience Commission Chair and Vice Chair Election Process

Instructions: Any current seated member of TAVCO can nominate a member or themselves for Chair or Vice Chair. For every nomination, the Chair will conduct a roll-call vote, starting with the Vice Chair. Once the nomination for Chair is approved, the newly voted in Chair will complete the meeting as Chair.

Eligible Members:

Name	Nominations for Chair	Nominations for Vice Chair
Kendon Jung (current Chair)		
Barbie Burke (current Vice Chair)		
Ben Paulat		
Taylor Conley		
Morgan Winburn		
Jake Swanson		
Shawn Swisher		
Erin Boyd		
Joshua Randall		

Sustainability and Resilience Commission
2024 PUBLIC MEETING SCHEDULE

DATE	LOCATION
Monday, January 22 (amended) 4:30pm-6:00pm	IN PERSON Tempe Transportation Center, Don Cassano Room 200 E 5th St, Tempe, AZ 85281
Monday, February 26 (amended) 4:30pm-6:00pm	ONLINE Microsoft Teams
Monday, March 18 4:30pm-6:00pm	IN PERSON Tempe Transportation Center, Don Cassano Room 200 E 5th St, Tempe, AZ 85281
Monday, April 15 4:30pm-6:00pm	ONLINE Microsoft Teams
Monday, May 20 4:30pm-6:00pm	IN PERSON Tempe Transportation Center, Don Cassano Room 200 E 5th St, Tempe, AZ 85281
Monday, June 17 4:30pm-6:00pm	ONLINE Microsoft Teams
Monday, August 19 4:30pm-6:00pm	IN PERSON Tempe Transportation Center, Don Cassano Room 200 E 5th St, Tempe, AZ 85281
Monday, September 16 4:30pm-6:00pm	ONLINE Microsoft Teams
Monday, October 21 4:30pm-6:00pm	IN PERSON Tempe Transportation Center, Don Cassano Room 200 E 5th St, Tempe, AZ 85281
Monday, November 18 4:30pm-6:00pm	ONLINE Microsoft Teams
Monday, December 16 4:30pm-6:00pm	IN PERSON Tempe Transportation Center, Don Cassano Room 200 E 5th St, Tempe, AZ 85281