



PUBLIC MEETING AGENDA

Sustainability & Resilience Commission

MEETING DATE
 Monday, March 27, 2023
 4:30 pm – 6:30 pm

MEETING LOCATION
Microsoft Teams meeting
 Join on your computer or mobile app
[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](tel:+14804988745), [8219046#](tel:+14804988745) United States, Phoenix
 Phone Conference ID: 821 904 6#

AGENDA ITEM	PRESENTER	ACTION or DISCUSSION
1. Welcome and Mission of SRC	Kendon Jung, Commission Chair (4:30 – 4:33 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. Approval of Meeting Minutes The Commission will be asked to review and approve meeting minutes from the February 27, 2023 meeting.	Kendon Jung, Commission Chair (4:35 – 4:37 pm)	Discussion
4. Cool Kids, Cool Places, Cool Futures Robert Wood Johnson Foundation Update	Evelyn Brumfield, Youth Climate Action Coordinator (4:37 – 5:20 pm)	Action
5. State Farm Century of Good Grant Update	Brianne Fisher, Climate Action Manager (5:20pm-5:45pm)	Discussion
6. FY23/24 Budget Updates	Brianne Fisher, Climate Action Manager (5:45pm – 6:00pm)	Discussion
7. Housekeeping Items Neighborhood Celebration 2023 Tree-A-Thon Earth Month	Kendon Jung, Commission Chair (6:00 – 6:20 pm)	Discussion
8. Future Agenda Items Commission may request future agenda items.	Kendon Jung, Commission Chair (6:20 – 6:25 pm)	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.

Our Charge

To **research**, **advise**, and **recommend** to the city council policies and programs that advance sustainability in Tempe...



Tempe

Our Scope

...with particular attention to sustainability in the following areas:

- Energy management
- Climate Action Plan
- Local food & agriculture
- Livable neighborhoods & happy communities
- Land use & development
- Building practices
- Purchasing practices
- Economic development
- Solid waste, recycling, & hazardous waste
- Water & wastewater management
- Transportation
- Dark skies
- Air quality
- Environmental justice
- Preparedness and resiliency



Our Objective

- **Assist** city departments **in executing** approved **policies and programs**;
- To **support education and outreach** related to the city's sustainability practices;
- To **identify** potential sustainability **partnerships** with public, private and educational entities; and
- To **recommend** for city council consideration a comprehensive sustainability **plan with measurable goals and benchmarks** to ensure year-to-year progress (Ord. No. O2015.24, 6-25-15)



Mission Statement

To be a culture-catalyst.

To provide leadership, education, and guidance on sustainability programs and policies to City Council and for our entire community to transform Tempe into a healthy and resilient city that inspires the region, the nation, and the world.



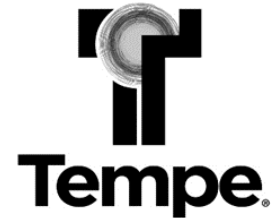
Tempe.

Strategic Priorities

Council Priority: Implementing sustainable growth and development strategies, including improving Tempe's public transit system to meet future needs, by actively seeking innovative technologies and leading the way in creating a more sustainable community

- **Priority #1: Roadmap for CAP Highlights**
- **Priority #2: CAP 2021 Public Engagement**
- **Priority #3: Monitor and recommend**





Minutes

City of Tempe Sustainability Commission February 27, 2023

Minutes of the Tempe Sustainability Commission meeting held on Monday, February 27, 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
Katja Brundiers

Jake Swanson
Shawn Swisher
Morgan Winburn

(MEMBERS) Absent:

Erin Boyd
Meaghan Coon

City Staff Present:

Brianne Fisher
Andy Escobar
Maddie Mercer
Evelyn Brumfield
Braden Kay

Guests Present:

Taylor Conley – Communications Director, AZ Youth Climate Coalition

Chair Jung called the meeting to order at 4:41 p.m.

Agenda Item 1 – Welcome and Mission of SRC

Chair stated the commission's mission, which is to research and advise on how to advance sustainability in Tempe in areas of city management, operations, and the city as a whole.

Agenda Item 2 – Public Appearances

Taylor Conley is the Communications Director for the AZ Youth Climate Coalition. She is a high school student attending to observe the meeting.

Agenda Item 3 – Approval of Meeting Minutes

Chair mentions one edit in the heading of the minutes.

Vice Chair called for a motion to approve the minutes from January 23, 2023.

Motion: Barbie Burke

Second: Morgan Winburn

Decision: Approved 6-0

Voted to Approve:

Kendon Jung

Barbie Burke

Morgan Winburn

Shawn Swisher

Katja Brundiars

Jake Swanson

Absent:

Erin Boyd

Meaghan Coon

Natalie Mendoza (arrived to the meeting after this motion)

Agenda Item 4 – Resilient Tempe Master Plan and Utility Feasibility Study

Chair called for a motion to make the Resilient Tempe Master Plan and Utility Feasibility Study Agenda Item 4 (was previously Agenda Item 5).

Motion: Kendon Jung

Second: Barbie Burke

Decision: Approved 6-0

Voted to Approve:

Kendon Jung

Barbie Burke

Morgan Winburn

Shawn Swisher

Katja Brundiars

Jake Swanson

Absent:

Erin Boyd

Meaghan Coon

Natalie Mendoza (arrived to the meeting after this motion)

Braden Kay and Maddie Mercer presented about the Resilient Tempe Master Plan and Utility Feasibility Study.

- The Resilient Tempe Master Plan and Feasibility Study (RTMP) aligns with the city's commitment to expanding green stormwater infrastructure (GSI), which is one of the highlight actions in the Tempe Climate Action Plan Update.
 - o Benefits of GSI include stormwater capture, nuisance flood reduction, creation of shade, urban cooling, and reduced usage of potable water.
- Project includes a range of internal and external partners, including the following City of Tempe departments: Municipal Utilities, Community Services, Engineering and Transportation, and Community Development.
- The RTMP builds upon previous GSI pilot projects that have been done in Tempe, including ROW projects on College Avenue, Rio Salado Pkwy & Hardy Dr, and Lemon St & Dorsey Ln.
- The funding for the RTMP has been approved, and funds will cover both the Master Plan and Utility Feasibility Study (\$250,000) and infrastructure design (\$150,000).
- Scope of Work includes:
 - o Master Plan
 - Includes an assessment of current stormwater infrastructure, a review of opportunities for green infrastructure within new and existing projects, and a plan for future infrastructure investment.
 - o Urban Forestry Master Plan Update
 - Includes an exploration of tree banking system, code updates, and review of upcoming investments.
 - o Codes and Standards
 - Includes the co-development of revisions to Engineering Design Criteria for Engineering and Transportation (for city projects) and the co-development of new GSI standard codes for Community Development (private projects).
 - o Infrastructure Design
 - Includes 15% pilot project designs for a range of site types (e.g., park, school, neighborhood street, arterial Street, and preserve/open space).
 - o Utility Feasibility Study

- Includes the development of funding scenarios and a proposal for the phased expansion of Stormwater Fee (established by the Water Rate Study) to cover future urban cooling initiatives.
- Stakeholder Engagement
 - Includes public outreach and the creation of an Ambassador Program.
- Operations and Maintenance
 - Includes the development of a guide on how to maintain native landscapes and accompanying training resources, which will be informed by principles of indigenous land stewardship.
- To begin this work, the City of Tempe took 15 members of the RTMP project team on a trip to Tucson, AZ to learn about the Storm-to-Shade Program, which develops GSI projects across the city.
 - Staff had the opportunity to see active and in-development GSI projects in roadways, schools, parks, and neighborhoods.
- Next Step: City Council vote on Master Plan contract with consultant on March 16th.

Swisher noted the impact that simple code/standard changes could have in the development of GSI installations (e.g., raising the drainage pipe to allow more water to be collected by a bioswale).

Questions:

- Jung asked to clarify if the Stormwater Fee exists but doesn't yet cover cooling initiatives.
 - Fisher responded in the chat: The Stormwater Fee was passed by the Council, which aims to cover unfunded mandates (additional regulations for MS4).
 - Kay: Correct; the Stormwater Fee doesn't cover new stormwater infrastructure yet, but we would like to see the fee eventually cover GSI, urban forestry, and cooling projects (potentially resilience hubs).
- Swisher asked if the project will include codifying changes to GSI codes/standards and if there is a way to reference these changes more directly in the General Plan.
 - Kay: The RTMP will be referenced in the General Plan, County All-Hazard Mitigation Plan, Federal MS4 Reporting, and it will include code/standard changes that get voted on as part of the project. Because the RTMP will include the proposed code/standards changes and utility feasibility proposal, it will have more regulatory teeth. This will require a significant amount of culture-building and support around the proposed code/standard changes.
 - Brundiers responded in the chat: Great comment, Shawn. This reminds me of the method of "Plan Integration" which we piloted for "heat vulnerability"

earlier this year. Something to keep in mind especially as Braden was mentioning the translation into city ordinances.

- Swisher asked if there will be a process by which the SRC can review the GSI pilot projects and provide feedback.
 - o Kay: We will continue to communicate with the SRC as we analyze potential projects with the consultant.
- Swanson typed in the chat: There was the mention of engaging with Indigenous land practices, I was curious about the operationalizing of that. Are we communicating with local Indigenous land experts, communicating with communities or using methods that have been documented prior?
 - o Kay: A team of indigenous landscape designers and indigenous ecology experts will be consulted throughout the project, including during the development of the maintenance guide and pilot projects.
- Brundiers typed in the chat: One quick question - what were the objections that people brought forth with regards to changing the pipe as shown in the picture?
 - o Fisher responded in the chat: Katja - none specifically. Braden is just speaking of the types of concerns we will likely hear. Standing water and the concern of mosquitos for example. We have also heard some concerns with GSI projects and having too steep of a bioswale and residents falling in.

Brundiers shared a [link in the chat to the heat vulnerability map](#), which can be used to identify areas to invest strategically for equitable urban cooling.

Kay noted in the chat that we are already seeing an opportunity for O and M in school projects, and he mentioned that Richard Adkins and his team will be training school district staff in tree and shrub care.

Swisher noted that it would be beneficial if the scope of work for the pilot projects could include a cost assessment and comparison to traditional landscaping, with the goal of addressing the concern that sustainability can cost more money.

Winburn noted in the chat that one reason Tucson was so successful in building their GSI program is because of strong resident support. She mentioned that she knows several Tempe residents that would be interested in integrating GSI into their yards and serve as advocates for the program.

- Fisher responded in the chat: That's great Morgan, we would love to know the names. If you want to email them to me and Maddie that would be awesome.

Chair thanked Kay and Mercer for their presentation.

Agenda Item 5- Neighborhood Award Nominations

Chair thanked Fisher for taking the time to score the commissioners' award nominations.

Chair acknowledged that several commissioners had difficulty identifying people to nominate for the Neighborhood Awards and asked the commissioners what they found difficult and if there was anything that could be done to improve upon the process.

Burke noted that after showing a business the criteria for the award, the business owners felt like their business wasn't sustainable enough to be nominated. She mentioned that it may be beneficial to do more to educate businesses ahead of time and ask what they're doing in terms of sustainability in advance of the nomination process. She continued to say that it was challenging to identify other sustainable businesses without knowing more about their operations, and that it would be helpful to talk to businesses throughout the year.

- Jung proposed that they talk to the Tempe Chamber to identify possible candidates in the future.

Swisher noted that he felt limited in his connection with Tempe businesses and that he wonders if there is a way better communicate the value of the Neighborhood Award, which could spur a greater number of self-nominations. He agreed that it is difficult for outsiders to know what businesses are doing in terms of sustainability practices.

Swanson agreed with Swisher, noting that a greater number of self-nominations could diversify the pool and provide more nominees to choose from. He asked if the applications are open to the public and, if not, if that might be a way of attracting perspectives on sustainability that differ from the perspectives and spaces within the field that the SRC represent.

- Jung responded that the nominations have always been public, but that there is limited public awareness about the awards and the benefits of winning them.

Winburn noted that she got mixed reactions from individuals and groups when she approached them about nominating them. She shared that it would have been beneficial to have better talking points about the award and its benefits when she approached people about nominating them.

Brundiers proposed an alternative scoring system for the award to reflect a focus on collaboration and the pairing of efforts within distinct areas of sustainability. Katja suggests the following:

- First, sustainability is a collective action movement where success manifests in the moving of the field. A leader without a second person to follow and more

people to support the cause is not a leader, but a lonely fighter. This approach is sometimes called “collective impact approach” – various organizations share the same cause and ultimate goal as well as a senior agenda while they work towards that goal on their own pace and with their unique capacities.

- Second, if we award an individual person, we follow a scarcity-mindset, which fosters competition not cooperation. Appreciation and gratitude for service are common goods that are abundant and regenerative.
- Third, by recognizing a group of people who work towards the same cause, we can foster inter-generational collaboration (lighter and darker colors).
- Fourth, by recognizing a group of people who work towards the same cause, we can foster their actual connection and collaboration – e.g., towards a local economy (blue colors) or a circular economy (orange colors) or lifelong learning for sustainable development.

Commissioners discuss the opportunity to change the scoring criteria and Fisher states that it could be done but that it was not communicated that way during the application process. The Commission decides to move forward with the current scoring materials and take up this conversation for the next cycle.

Agenda Item 6- FY23/24 Budget Updates

Fisher presented the updated budget supplemental proposals for the next fiscal year, which have been amended based on feedback from the Chief Financial Officer. The Chief Financial Officer announced that the City will have a conservative budget due to concerns about the economy. This year, the process for reviewing proposals has changed, and the office is still waiting to hear back from upper management about what needs to be rescoped. This is not the last time that the supplementals will be shown to the commission, and the office will continue to provide updates as staff learn more about the new review process.

Below are the draft supplemental proposals, listed in terms of priority:

- Extreme Heat Mitigation and Resilient Neighborhood Roadmap
 - To advance work with FMR around EnVision and community resilience.
 - To fund education, outreach, and program development for resilience hubs and resilient energy hubs.
 - To develop a Resilience Hub Master Plan.
- Shade and Indigenous Land Stewardship
 - To support adding shade and Indigenous land stewardship to the Resilient Tempe Master Plan.
 - To increase water-efficient vegetation and expand shade by consulting with indigenous landscape design and ecology experts.

- Energy Equity Program Development
 - o To advance outreach work around energy burden and energy equity.
 - o To hire energy policy consulting.
 - o To pilot residential energy equity project.
- Mobile Water Distribution
 - o To provide resources to Special Events Team and Human Services Team.
 - o Acknowledges and puts visual message that we care about water conservation and access to water.
- Food Access and Food Justice
 - o To support food access pilot projects, relating to hunger relief, backyard production, and food entrepreneurship.

Fisher noted that the Youth Climate Action Coordinator supplemental was removed, as the initial ask was based on a budget error.

Swisher noted that some of the headline budgets do not match the totals for each section (e.g., the Shade and Land Stewardship).

Questions:

- Jung asked if staff have a sense of which budget items are likely to be funded/
 - o Fisher: No, that is part of the process we're waiting to hear back about. Because the process is different, we're still waiting to hear from upper management about which items might need to be resized or rescope.
- Swisher asked if there is anything that the office is not asking for that should be added to the list.
 - o Fisher: We feel that the budget request adequately aligns with our office's priorities and workstreams, as well as the areas that will need funding moving forward. We aimed to emphasize collaborative requests with other departments, as we're trying to be mindful of a potential economic downturn and the resulting resident needs.
- Jung asked how the SRC can support the office throughout the next stage of the budgetary process.
 - o Fisher: Similar to the commission's advocacy efforts around the CAP Update and resulting programmatic/staffing asks, the commission could provide support during the budgetary process by submitting public comments to support both the supplemental budget and CIP budget requests.
 - o Fisher continued to discuss the upcoming Council meeting for the 5-year CIP budget, describing the acceleration process for specific Performance Measures (like tree canopy coverage). Fisher stated that the staff can develop resources to help prep the commission for these advocacy opportunities at the next SRC meeting.

Agenda Item 7 – Housekeeping Items

Jung announced that the celebration event for Neighborhood Award winners will take place on Saturday, April 1st. Sustainability Award winners will be recognized at the event, and Jung encouraged the commission to attend the event to meet the awardees.

Jung mentioned that the commission is continuing its efforts to track the progress of four of the CAP Update's highlight actions, which the commission has selected to track through to completion. Jung explained that this process uses Fisher's project management tracking sheet, and that he will continue to meet 1:1 with commissioners to show them how to populate the document.

- Swisher shared an update on the GSI Architecture Design Competition highlight action. He shared that a coalition of professional organizations has been developed to support the competition through the provision of sponsorship dollars and their membership on the competition planning committee. The planning committee is on-track to announce the competition in April 2023 and begin accepting applications in May 2023.

Agenda Item 8 – Future Agenda Items

Jung asked the commission to add future agenda items. None did.

Motion: Shawn Swisher

Second: Morgan Winburn

Decision: Approved 8-0

Voted to Approve:

Kendon Jung

Barbie Burke

Morgan Winburn

Natalie Mendoza

Shawn Swisher

Katja Brundiars

Jake Swanson

Barbie Burke

Absent:

Erin Boyd

Meaghan Coon

The meeting was adjourned at 6:31 pm.

Prepared by: Maddie Mercer

Reviewed by: Brianne Fisher

Addendum:

Chat record for Sustainability and Resilience Commission February 27, 2023, meeting:

[2/27 4:32 PM] Katja Brundiars

Apologies, I also need to leave today at 6pm. Thank you for your understanding.

[2/27 4:32 PM]

Taylor Conley (she/her) (Guest) was invited to the meeting.

[2/27 4:34 PM] Kendon Jung

<https://music.apple.com/us/playlist/lying-in-the-sun/pl.48ec9106303e40f790a75d416ccf36e0>

Lying in the Sun Playlist · 108 Songs

[2/27 4:41 PM]

Morgan, with LEHR (Guest) was invited to the meeting.

[2/27 4:44 PM] Fisher, Brianne

Thanks for joining Taylor, let us know if you have any questions.

[2/27 4:45 PM] Brumfield, Evelyn

Hello Taylor!

[2/27 4:50 PM] Fisher, Brianne

my bad on moving the slide forward!

[2/27 4:54 PM] Shawn Swisher

Is there a process by which the SRC can review the GSI pilot projects and provide feedback?

[2/27 4:56 PM] Katja Brundiars

Here is a heat vulnerability map, that is open to the public and can help identify where to invest strategically for equitable urban cooling: <https://hue.dtn.asu.edu/>

HUE; Web site created using create-react-app

[2/27 4:56 PM] Katja Brundiers

I can share some use-case videos later as well.

[2/27 5:04 PM] Kay, Braden

We are already seeing an opportunity for O and M in the schools projects we are doing. Richard Adkins and his team will be training school district staff in tree and shrub care.

[2/27 5:11 PM] Fisher, Brianne

Passed by Council was the creation of the "stormwater fee"

[2/27 5:11 PM] Fisher, Brianne

Covering unfunded mandates (additional regulations for MS4)

[2/27 5:17 PM] Katja Brundiers

Great comment, Shawn. This reminds me of the method of "Plan Integration" which we piloted for "heat vulnerability" earlier this year. Something to keep in mind especially as Braden was mentioning the translation into city ordinances.

[2/27 5:17 PM] Jake Swanson (Guest)

There was the mention of engaging with Indigenous land practices, I was curious about the operationalizing of that. Are we communicating with local Indigenous land experts, communicating with communities or using methods that have been documented prior?

[2/27 5:18 PM] Katja Brundiers

One quick question - what were the objections that people brought forth with regards to changing the pipe as shown in the picture?

[2/27 5:21 PM] Fisher, Brianne

Katja - none specifically. Braden is just speaking of the types of concerns we will likely hear. Standing water and the concern of mosquitos for example. We have also heard some concerns with GSI projects and having too steep of a bioswell and residents falling in.

Sustainability Commission, February 27, 2023

[2/27 5:23 PM] Morgan, with LEHR (Guest)

One of the reasons Tucson was successful because the community really pushed for it. I know several Residents that would love to be able to do this to their yards and be advocates for the program 😊

[2/27 5:24 PM] Fisher, Brianne

Thats great Morgan, we would love to know the names. If you want to email them to me and Maddie that would be awesome.

[2/27 5:24 PM] Mercer, Madeline

Yes Morgan, that would be great! My email is madeline_mercer@tempe.gov.

[2/27 5:24 PM] Katja Brundiars

Thank you, very helpful Braden! We can maybe show some of the NOAA graphics to understand the increasing number of hot days...

[2/27 5:26 PM] Kay, Braden

We need to build the heat argument for sure.

[2/27 5:27 PM] Kay, Braden

Thanks, everyone!

[2/27 5:27 PM] Katja Brundiars

Thank you Maddy and Braden!

[2/27 5:33 PM] Jake Swanson (Guest)

All good to go.

[2/27 5:33 PM] Morgan, with LEHR (Guest)

Done

[2/27 5:37 PM] Kendon Jung

Natalie - we are reviewing the Nominations for the Award

[2/27 5:37 PM] Kendon Jung

Please send yours in to Brianne via Email

[2/27 5:37 PM] Natalie Mendoza (Guest)

Sounds good. I can personally speak to Keep Tempe Beautiful as a very sustainable group.

[2/27 5:38 PM] Kendon Jung

Barbie wants to start recruiting earlier. Connect with groups like Tempe Chamber to recruit

[2/27 5:39 PM] Kendon Jung

Shawn mentioned feeling like not the most connect person. In addition, wants to expand or reshape the value proposition for submitting.

[2/27 5:40 PM] Natalie Mendoza (Guest)

Kendon: I was planning to nominate Keep Tempe Beautiful (but I see that it has already been nominated). I hadn't had a chance to send my nomination in yet, but I can revise it for a different organization. Next best one I could think of would be ASU---would they fit into the group category?

[2/27 5:42 PM] Barbie Burke (Guest)

Great points Jake!

[2/27 5:42 PM] Jake Swanson (Guest)

Thank you, my apologies there. That was a difficulty in my comprehension!

[2/27 5:43 PM] Kendon Jung

Jake said he agrees with a lot of what Shawn said. And, if the nominations are coming from the Sustainability Commission, that is a small pool.

[2/27 5:44 PM] Kendon Jung

Morgan: got mixed reactions from individuals and not wanting to be nominated. Looking for talking point about the award when recruiting.

[2/27 5:46 PM] Natalie Mendoza (Guest)

Kendon: Or do you mean that you want me to send my nomination recommendations to Brianne? I may have read your initial message in the chat wrong.

[2/27 5:49 PM] Jake Swanson (Guest)

Great perspective, Shawn. Thanks for that.

[2/27 5:50 PM] Natalie Mendoza (Guest)

No---but I will add that Keep Tempe Beautiful is an excellent group to be receiving this award.

[2/27 5:52 PM] Natalie Mendoza (Guest)

I did not vote yet, but I would support Mauricio over Shalae if we need to have a tie breaker.

[2/27 5:56 PM] Natalie Mendoza (Guest)

I may have missed an update on this since I wasn't here in the beginning, but wasn't there supposed to be the resilient Tempe master plan and feasibility study starting at 5:25 PM?

[2/27 6:01 PM] Natalie Mendoza (Guest)

I support that change in grouping.

[2/27 6:05 PM] Fisher, Brianne

Collective action

[2/27 6:05 PM] Fisher, Brianne

inter generational

[2/27 6:05 PM] Fisher, Brianne

local economy

[2/27 6:05 PM] Fisher, Brianne

circular economy

[2/27 6:05 PM]

Taylor Conley (she/her) (Guest) left the chat.

[2/27 6:06 PM] Katja Brundiers

I have to leave unfortunately.

[2/27 6:06 PM] Katja Brundiers

I would like to maybe vote again by the end of this week, since Natalie could also not vote?

[2/27 6:08 PM] Natalie Mendoza (Guest)

I'm not sure whether or not my microphone is working, so I would like to express my vote in favor of this motion.

[2/27 6:10 PM] Natalie Mendoza (Guest)

I don't know if you saw my comment earlier, but I would like to vote for Mauricio as a tie breaker vote.

[2/27 6:10 PM] Katja Brundiers

I have to go. I would like to vote on this again. Thanks.

[2/27 6:11 PM] Fisher, Brianne

There is no concern in providing both nominees an award

[2/27 6:11 PM] Natalie Mendoza (Guest)

That works as well.

[2/27 6:11 PM] Morgan, with LEHR (Guest)

no concerns

[2/27 6:18 PM] Kay, Braden

and state farm for school greening!

[2/27 6:20 PM] Kendon Jung

<https://sites.google.com/view/tempecap/>

Climate Action: When people speak up, Tempe listens. Submit a public comment to support climate action.

[2/27 6:24 PM] Kay, Braden

It's likely the most important speaking opportunity

[2/27 6:25 PM] Jake Swanson (Guest)

Will be there, stellar event last year!

[2/27 6:25 PM] Morgan, with LEHR (Guest)
what time?

[2/27 6:28 PM]

Barbie Burke (Guest) left the chat.

[2/27 6:30 PM] Fisher, Brianne

Morgan I believe 8am but when there is a flyer I will circulate it!

[2/27 6:31 PM] Natalie Mendoza (Guest)

Yes, thank you everyone. I apologize for my late arrival (I have since synced my personal calendar with my the calendar for my commission meetings)

[2/27 6:31 PM] Natalie Mendoza (Guest)

Again, aye.

[2/27 6:31 PM] Natalie Mendoza (Guest)

Please note that I recorded my votes in the chat for the two votes

[2/27 6:31 PM] Shawn Swisher

thank you all!

[2/27 6:31 PM] Mercer, Madeline

Thanks, all!

Today's Agenda

Recapping current work:

- Regional workshop

- City/University/Community Collaboration

- Youth Connections

Values discovered from the grant

Moving Forward, with examples of values linkages



Recapping Current Work

Celebration for Regional Resilience

- Reviewing past work via timeline
- Storytelling
- Community Inspiration:
 - Panel discussion with indigenous artists & creatives (HEKIO)
 - Youth experiences
 - Community Based Organizations
- Future of the work
 - Research & special projects
 - New federal partnerships
 - Building regional collaboration

You're Invited!


MARICOPA REGIONAL RESILIENCE CELEBRATION

WEDNESDAY, FEBRUARY 8TH 2023

Nina Mason Rio Salado
Audubon Center
4:00 - 6:00 PM

What:
Maricopa Regional Resilience is an initiative working towards regional climate preparedness projects to make people and places safe from extreme weather and adverse climate effects.

Youth Indigenous Groups Community-Based Organizations



Who:
Community stakeholders, elected officials, and representatives from all levels of government will come together on February 8th to learn how Community-Based Organizations, Youth, and Indigenous perspectives can inform future climate action work. We are celebrating their leadership and highlighting what's possible when the region works together.

ASU Sustainable Cities Network
Arizona State University

RSVP @ chandler.escalante@asu.edu





Recapping Current Work



City/University/Community Coordination

- Drafting Final Report and Executive Summary Outline
- Extreme heat communication research and recommendations
- Extreme Heat Mitigation: county-wide conversations
- Regional Strategy Session – Federal Funding



Recapping Youth Work



Fall 2021 –

Tree & pollinator plantings with McClintock H.S. students

Winter 2022 –

“Cool Kids” concept introduced at McClintock students, renamed “**Neighborhood Justice**”

First Meeting after school

Tye and Marcus join the team



Recapping Youth Work

Spring Semester 2022 –

Christy & Timara join the team

READI Packs assembled

Summer 2022 –

Summer Fellows! Equity training and celebration

READI Packs distributed

Fall 2022 –

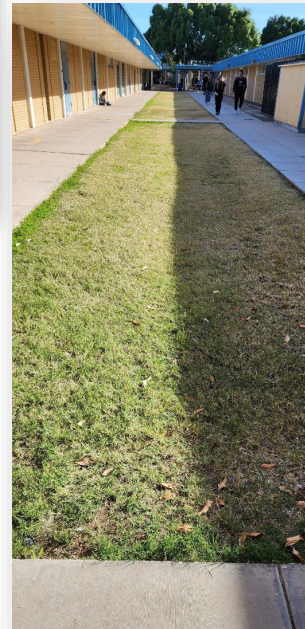
Transition from NHJ to **Sustainability Club**



Current Work

Youth Connections:

- Sustainability Club work at McClintock H.S.
 - Vegan/Vegetarian foods in the cafeteria
 - Replanting the desert pollinator garden
 - Native garden in boxes
 - **Long-term green space with indigenous help**
- Re-establishing sustainability work at Tempe H.S.
 - Intersectionality club on campus – Peer Solutions
 - Arts integration w/ teachers and clubs
- Presence and support at Mayor's Youth Advisory Commission
 - Collaborative chalk art inspired by youth input at Unity Walk
 - National League of Cities Youth Conference – sending two Commissioners to Washington DC

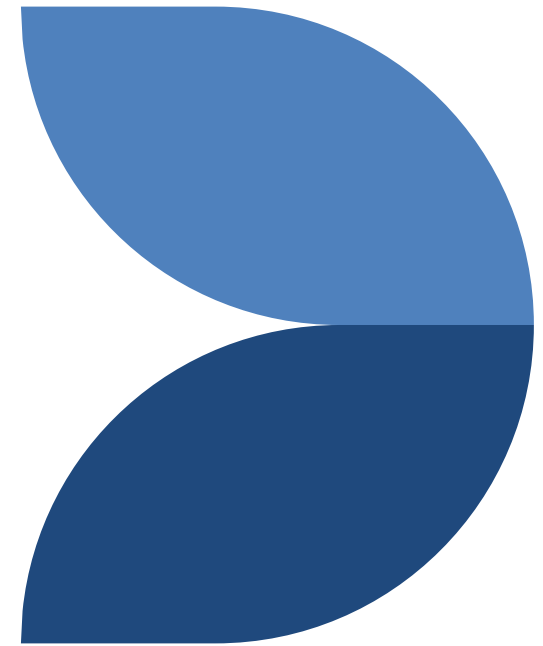


Values of the grant

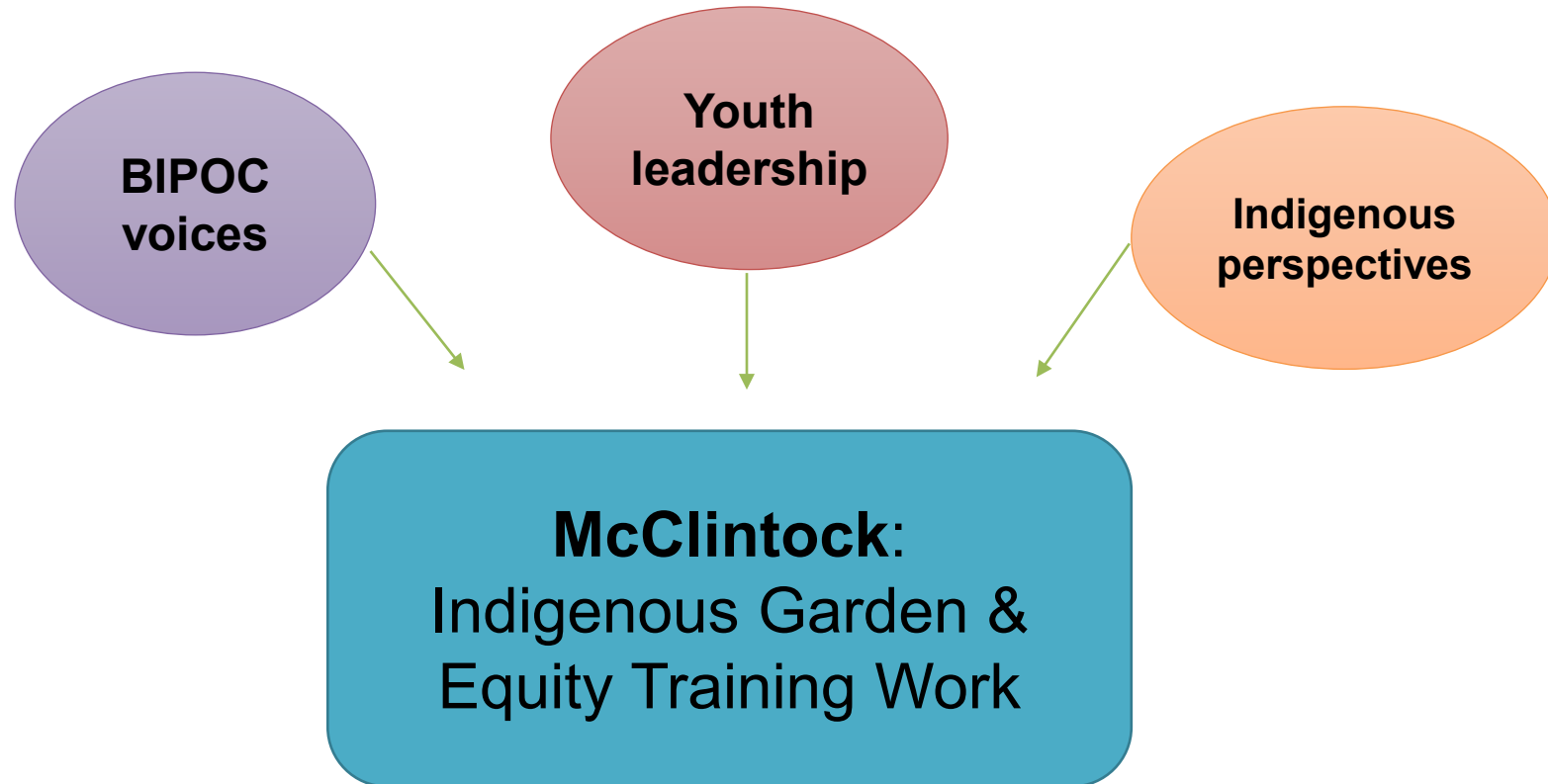
- Discovering **new ways of working** with more voices at the table, co-creating solutions.
- More **connected city infrastructure** and programs informed by vulnerability data.
- More opportunities for **youth leadership**.
- Influx of **indigenous representation** and perspectives and creative/artistic ideas.
- **BIPOC voices** reflected in pilot projects, processes, and decision making.
- **Community preparedness** and connection to be more resilient to extreme heat.
- **Regional collaboration** on investing in cooling infrastructure with BIPOC voices.

Moving Forward

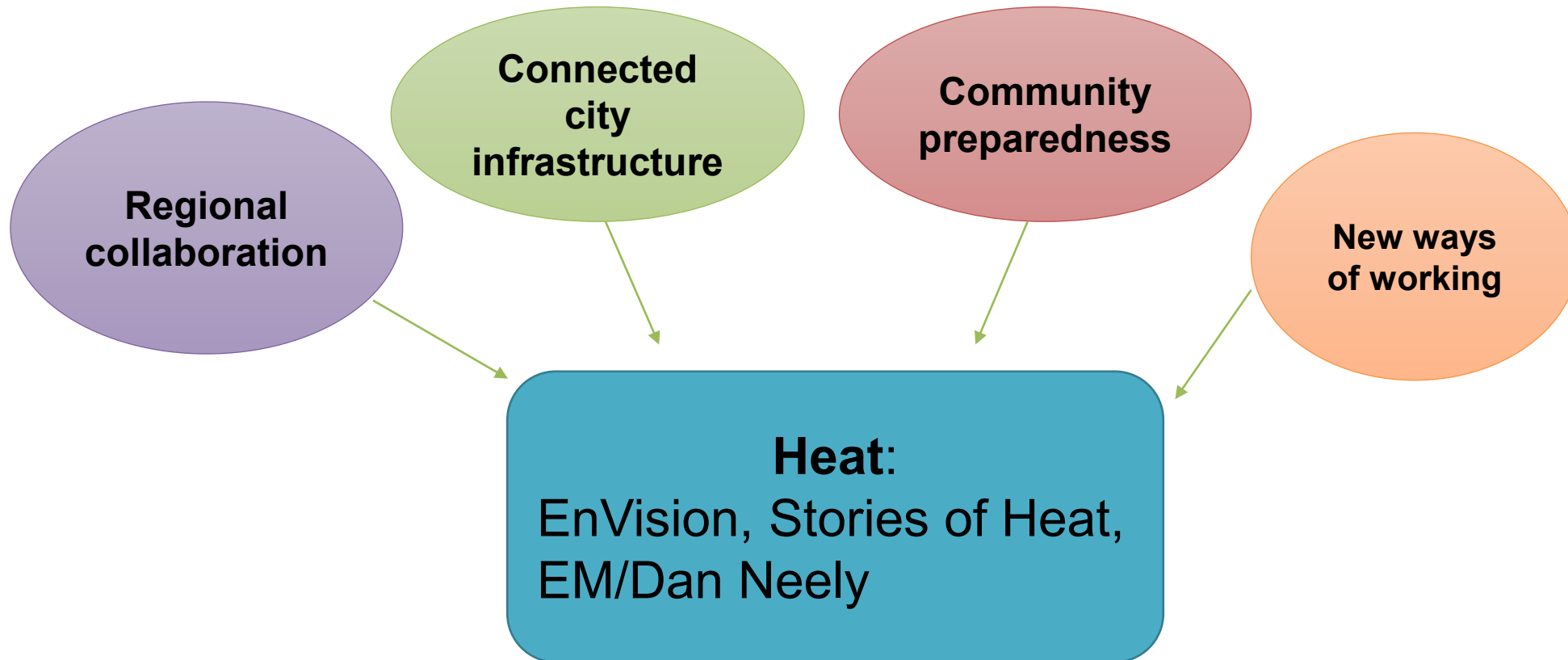
What areas do we want to prioritize with the funding and timing available?



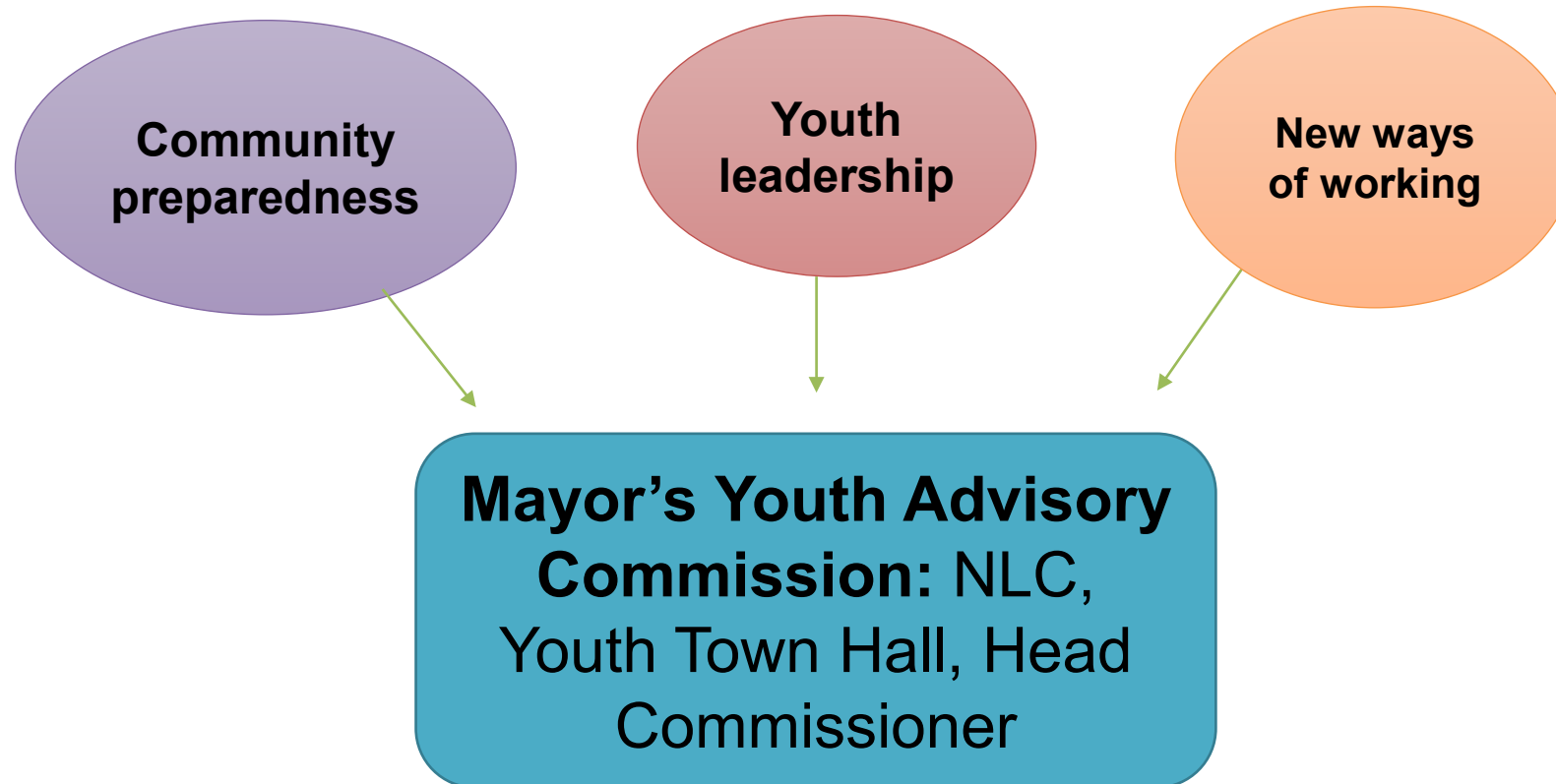
Moving Forward, examples



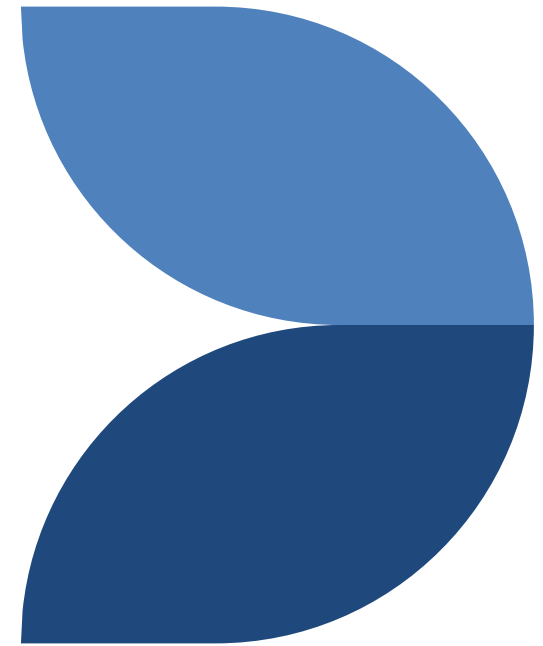
Moving Forward, examples



Moving Forward, examples



Thank you!
Questions?
Comments?





State Farm Century of Good Grant

Sustainability and Resilience
Commission

March 27, 2023



Tempe

Making waves in the desert



Background

Early 2022 State Farm ESG meetings with Sustainability and Resilience Office

State Farm Celebrated 100th Anniversary

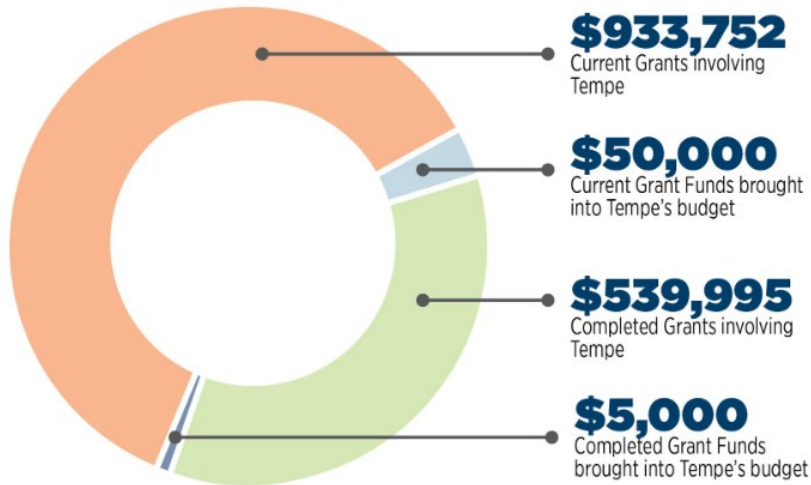
June 2022 Awarded Tempe \$500,000





Sustainability and Resilience Grants

Tempe's Sustainability and Resilience Office has brought in **more than \$2.5 million** to advance sustainability and create resiliency.



Not Including:

- Robert Wood Johnson Foundation Cool Kids, Cool Places, Cool Futures
Awarded Amount: \$650,000
- State Farm Century of Good
Awarded Amount: \$500,000
- Vitalyst Health Foundation Spark Grant
Awarded Amount: \$25,000



State Farm Funding

Greening Our Schools



Students planting at McClintock High School

Resilient Energy Hub



City staff speaking with community members about EnVision Tempe, a resilience energy hub pilot project.

State Farm Funding – Greening Schools

Youth Agenda

Partnership

School Boards and Leaders

Students want to partner with school boards and leaders to pass climate action legislation and expand programs across Tempe's public schools.

Benefits of Climate Action Resolutions:

- Raise climate change awareness and encourage hands-on learning
- Generate savings through energy efficiency and foster more beautiful campuses
- Develop productive administration-student relationships

City-school partnerships can:

- Host sessions that empower students to change their schools, cities, counties, and states
- Promote policy changes to bring climate change education into the classroom
- Focus on immediate and long-term changes that directly target climate action





Greening Schools

Current Projects

Conolly Middle

50 Trees

April 1

McClintock High

Maintenance on Green House

Native Garden

Future Projects

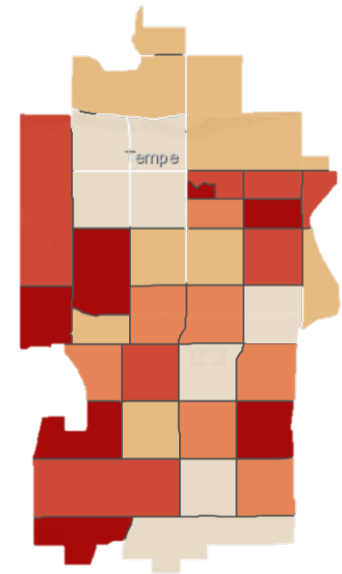
Thew Elementary

Spracale Elementary

Cecil Shamley Elementary

Tempe High

Heat Exposure





State Farm Funding – EnVision

Agendas



Youth



Business



Climate Justice



Neighborhoods



Highlight Action



Green Codes
and Standards



Transportation
Demand Management
and Mobility Hubs



Resilient Energy Hubs
and Resilience Hubs



State Farm Funding – EnVision

Current Opportunities:

Ice Machine

Commercial Kitchen and Food Storage Renovation

External Beautification – murals, adaptive streets, shade

Community Engagement

Future Opportunities:

Energy and Battery Infrastructure

Solar panel installation (delayed)

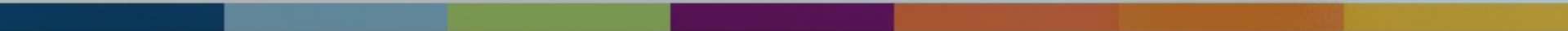
Battery storage – partnership with SRP



EnVision Tempe on Dorsey and Apache



Questions?



Sustainable and Resilience Office

Council Dates of Interest

Online Comment Card | [Link Here](#)

City Council Meeting Agendas | [Link Here](#)

Capital Improvement Program (CIP) | Initial CIP Packet [found here](#)

Thursday, March 24 City Council Work Study Session 4:00pm	CIP Acceleration Strategies <i>Performance Measure 4.11 Tree and Shade Canopy</i> Pg 60-72 link <i>See CIP and Performance Measure Attached</i>
Tuesday, April 27 City Council Work Study Session 4:00pm	Operating Budget and CIP Budget <i>Council provides comments and feedback about initial CIP project ranking.</i>
Thursday, May 11 City Council Work Study Session 4:00pm	Operating and CIP Budget Follow Up discussion (if needed) <i>Council provides comments and feedback about initial CIP project ranking.</i>
Thursday, June 1 City Council Special Budget Meeting 6:00pm	Special Budget Meeting <i>CIP Budget Adoption</i> <i>Operation Budget Adoption</i>
Thursday, June 15 Special Budget Meeting	Special Budget Meeting <i>CIP Budget Adoption</i> <i>Operation Budget Adoption</i>

**General Governmental Program
FY 2023/24 - FY2027/28 CIP Project Requests and Descriptions**

New project requests are underlined

Project Name	Project Number	Proposed Funding Source(s)	Capital Budget Re-appropriations	New 2023-24 Appropriation Request	2023-24 Total Requested Appropriation	Additional Projected Needs				Total 5-Year Program
						2024-25	2025-26	2026-27	2027-28	
<u>Engineering & Transportation</u>										
Community and Workplace Charging Infrastructure	6710790	General Obligation Bonds	200,000	100,000	300,000	600,000	3,000,000	3,000,000	3,000,000	9,900,000
Downtown Infrastructure - Asset Management	6704329	General Obligation Bonds	328,290	75,000	403,290	75,000	75,000	75,000	75,000	703,290
Downtown Safety Barrier Installation	6710379	General Obligation Bonds	206,000	600,000	806,000	-	-	-	-	806,000
Energy Conservation Program	6705179	General Obligation Bonds	615,422	200,000	815,422	175,000	175,000	175,000	175,000	1,515,422
		General Fund Cash Reserve-CIP	-	1,000,000	1,000,000	1,000,000	1,000,000	-	-	3,000,000
		Project Total	615,422	1,200,000	1,815,422	1,175,000	1,175,000	175,000	175,000	4,515,422
Energy Efficiency and Renewable Energy Federal Grant Contingency	6709867	Federal Grants	-	3,000,000	3,000,000	-	-	-	-	3,000,000
Implementation of Downtown Improvement Plans	6708311	General Obligation Bonds	1,726,787	4,673,213	6,400,000	-	5,800,000	5,800,000	-	18,000,000
		Capital Projects Fund Balance	-	3,800,000	3,800,000	-	-	-	-	3,800,000
		Project Total	1,726,787	8,473,213	10,200,000	-	5,800,000	5,800,000	-	21,800,000
Municipal Facilities Warehouse	N/A	General Obligation Bonds	-	9,240,000	9,240,000	-	-	-	-	9,240,000
Overhead to Underground Utility Relocation	6710810	General Obligation Bonds	252,000	252,000	504,000	252,000	252,000	252,000	252,000	1,512,000
Resilient Energy Hubs & Microgrids	6710820	General Obligation Bonds	500,000	500,000	1,000,000	200,000	200,000	200,000	200,000	1,800,000
Shade and Green Stormwater Infrastructure	6710809	General Obligation Bonds	-	375,000	375,000	475,000	3,000,000	3,000,000	3,000,000	9,850,000
		Capital Projects Fund Balance	150,000	-	150,000	-	-	-	-	150,000
		Project Total	150,000	375,000	525,000	475,000	3,000,000	3,000,000	3,000,000	10,000,000
Solar Power Partnerships & Solar in City Facilities	6708369	General Obligation Bonds	-	500,000	500,000	200,000	200,000	200,000	200,000	1,300,000

#07 Tree and Shade Canopy (4.11)



Achieve a citywide (City and private property) 25% tree and shade canopy by 2040.

BASELINE (2017)	CURRENT* (2019)	TARGET (2040)
13.4%	11.4%	25%

*2019 – Increased imagery resolution

ACCELERATION STRATEGIES 23/24

- Improve development standards for engineered shade options (parking lots, private outdoor spaces, and public sidewalks).
- Increase shade percentage requirement for projects seeking alternate landscape standards or increased surface parking (over 125%).
- Update Transportation Overlay District public shade standards.
- Provide engineered shade standards/guidelines for building design elements where high use pedestrian activity occurs.
- Increase the number of commercial properties brought into tree compliance from 300 (22/23) to 500 (23/24).
- Adopt green stormwater infrastructure design techniques.

5-Year CIP		
Project Name	FY23- FY27 Adopted	FY24 - FY28 Initial Recommended
Parks Urban Forest	\$2,052,613	\$1,777,923
Shade & Green Stormwater Infrastructure	\$1,650,000	\$3,050,000
TOTAL	\$3,702,613	\$4,827,923

Office of Sustainability Budget Supplemental Requests (FY23-24)

The following supplemental requests are for the FY-23-24 budget. The Sustainability and Resilience office recognizes the fiscal realities and this year budget season and has co-created supplemental with other departments. The submissions come from items highlighted in our 2022 Climate Action Plan Update and are created with the guiding principles of Equity, Evidence, Engagement, Fiscal Responsibility and Enterprise. With the exception of one request, all of the requests are joint supplemental with other Departments focused on supporting Tempe residents and businesses that may need additional support given changing economic conditions.

Requests

Extreme Heat Mitigation and Resilient Neighborhood Roadmap (One-time) \$75,000 [FMR,CS,HS,SRO]
Shade and Indigenous Land Stewardship (One-time) \$127,000 [CS,SRO,ET]
Mobile Water Distribution (One-time) \$4,000 [SRO, HS]
Energy Equity Program Development (One-time) \$40,000 [SRO, HS]
Food Access and Food Justice (One-time) \$10,000 [SRO,CEFS]

Joint Supplementals

Title: Extreme Heat Mitigation and Resilient Neighborhood Roadmap

Budget: \$75,000

Funding: One Time

Departments: SRO, FMR, CS-NS

In Arizona, heat was responsible for 2,429 deaths between 2010 and 2020. Of these, 1,748 were heat-related deaths of Arizona residents, and 681 were non-residents. Heat-related deaths disproportionately affect Black, Indigenous and People of Color. Additional highly vulnerable groups include the elderly, low-income households who face higher energy burdens, and people experiencing homelessness.

The Extreme Heat Mitigation and Resilient Neighborhood Roadmap brings together efforts in Sustainability and Resilience Office, Neighborhood Services, and Fire Medical Rescue to ensure education, outreach, and program development for resilience hubs and resilient energy hubs are coordinated in an effective and collaborative manner. Heat preparedness and heat relief can be centered in emergency management practices to reduce hospitalizations caused by heat-related illnesses and deaths. Community resilience approaches can be used to make sure residents, government, nonprofits, and businesses work together to reduce the risk of heat and other shocks. These approaches provide an opportunity to effectively work at the nexus of community resilience, emergency management, climate change adaption, and social equity while also providing opportunities for communities to become more self-determining, socially connected, and improve emergency management and response skills before, during, and after disruptions.

The Extreme Heat Mitigation and Resilient Neighborhood Roadmap will include the following critical components:

1. Development of community resilience programming at EnVision Tempe and future resilience hubs (community outreach, educational workshops, signage, giveaways) (SRO) \$5,000
2. Creation of Heat Mitigation Strategy and Engagement Fellow to support FMR and SRO in planning and execution of emergency management focused community resilience (FMR) \$40,000
3. Development of a Resilience Hub Master Plan in coordination with the Climate Justice Community Working Group (SRO, CD-NS) \$30,000

Title: Shade and Indigenous Land Stewardship

Budget: \$127,000

Funding: One-time

Departments: Sustainability and Resilience Office, Community Services and Engineering and Transportation

This supplemental seeks to add to Tempe tree coverage, while lowering water use and addressing local flooding. The combined work allows seeks to ensure that Tempe works with local tribes and indigenous knowledge experts to practice quality land stewardship with a focus on native plants and practices that center indigenous knowledge and practices. This investment is in line with the Climate Justice Agenda co-created with the Sustainability and Resilience Office (SRO) and Unlimited Potential as part of the 2022 Climate Action Plan Update.

This supplemental will support adding shade and indigenous land stewardship expertise to the Resilient Tempe Master Plan and fund two local master plans to support indigenous land stewardship in the Salt River corridor (river bottom) and Indian Bend Wash.

Additional funding will support a communications and maintenance guide for operating and maintaining indigenous and native landscapes and a contractor to support specific infrastructure installations and services. This investments will ensure high quality implementation and ongoing care for native gardens, right of ways and pilot projects.

This supplemental will ensure the city makes major strides in increasing shade with low-water and indigenous practices. It will also ensure that two critical natural areas of the city have much needed long-term planning to ensure they are signature locations to demonstrate shade and indigenous land stewardship.

Program Components:

1. Consulting Services for Indigenous Ecology and Shade and Maintenance Expertise: \$50,000 (SRO)

2. Indian Bend Wash and Indigenous Land Stewardship Corridor Plan: \$52,000
3. Green Stormwater and Low-Water Landscape Contractor: \$25,000 (Engineering and Transportation)

Title: Energy Equity Program Development

Budget: \$40,000

Funding: One-time

Departments: Sustainability & Resilience Office, Human Services, Government Relations

Residents want to live in homes that assure a comfortable and healthy indoor living environment and provide cooling that conserves energy. Unfortunately, some disadvantaged residents have to choose between paying for electricity and other necessities because the cost of cooling their homes is too expensive.

The Energy Equity Program Development supplement will continue to fund educational outreach and relationship building with Tempe residents and landlords on how energy policies are made in Tempe and Arizona the energy efficiency opportunities available. Some of the funds will be made available to residents as incentives to support energy investments in single family, multi-family, and mobile homes. The results of this work will be used to form partnerships and develop a strategy for applying for federal energy efficiency funding.

1. Energy Equity Program Development (\$25,000)
 - Collect and analyze data on Tempe housing stock and energy burden. Continue to work with APS and SRP on data access to inform program development.
 - Establish a Climate Justice Advisory Group to help inform program development, incentives, education material, and outreach.
 - Participate and partner with Maricopa County's Energy Insecurity Working Group on building workforce capacity.
 - Participate and partner with ASU's Knowledge Exchange for Resilience and Healthy Urban Environments on pilot projects.
2. Energy Policy Consulting (GRO) \$15,000

Title: Mobile Water Distribution

Budget: \$4,000

Funding: One-time

Departments: Sustainability & Resilience Office and Human Services

The City of Tempe is often expected to provide drinking water, especially at large events, during outreach events, during high heat months, at cooling centers, or to our most vulnerable population. As city staff prepares for the opening of EnVision Tempe, the first resilience energy hub, reliable access to water will be a critical component for promoting community preparedness, adaptation to extreme heat, and emergency response.

As a response to this desired service, the Sustainability and Resilience Office in coordination with Human Services will provide funding for Downtown Tempe Association to rent a mobile drinking water distribution station for their bi-annual Festival of the Arts. To couple the mobile drinking water station, the funding will provide co-branded reusable water bottles. The water bottles can be used throughout the year for Human Services and Sustainability and Resilience Office community needs and be used to raise awareness about the HOPE team.

1. Branded Re-useable Water Bottles: \$4,000

Title: Food Access and Food Justice

Budget: \$10,000

Funding: One-time

Departments: Sustainability and Resilience Office and Education, Career & Family Services

Food insecurity increases during economic downturns. With increase food costs coupled with the housing crisis, Tempe's most vulnerable residents need food access and food justice solutions. The Climate Justice and Youth Agendas in the 2022 Climate Action Update recommended that the city take further steps to make food more available to residents with low-incomes and provide more food production opportunities in schools, housing and neighborhoods.

The Food Access and Food Justice supplemental will immediate food relief pilot projects in schools and at EnVision Tempe. It will fund the cities first food entrepreneurship pilot project to create more opportunities for Tempe residents to start food businesses. The supplemental will also fund pilot projects to pilot the City of Phoenix's backyard garden and food forest programs. The results of this work to get food to Tempe's most vulnerable residents to accompany existing programs and specifically target families through schools and EnVision Tempe. The work will also build a proof of concept for longer term food access solutions that will make the City of Tempe more competitive for larger federal grants and philanthropic investments.