



# PUBLIC MEETING AGENDA

## Sustainability & Resilience Commission

### MEETING DATE

Monday, May 15, 2023  
4:30 pm – 6:30 pm

### MEETING LOCATION

[Click here to join the meeting](#)

Meeting ID: 225 486 248 85

Passcode: opUGKh

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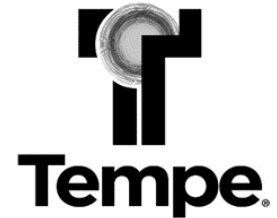
**Or call in (audio only)**

[+1 480-498-8745](tel:+14804988745), [8219046#](tel:+14808219046) United States, Phoenix

Phone Conference ID: 821 904 6#

AGENDA ITEM	PRESENTER	ACTION or DISCUSSION
<b>1. Welcome</b>	Kendon Jung, Commission Chair (4:30 – 4:33 pm)	
<b>2. Public Appearances</b> 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)	
<b>3. Approval of Meeting Minutes</b> The Commission will be asked to review and approve meeting minutes from the April 17, 2023 meeting.	Kendon Jung, Commission Chair (4:35 – 4:37 pm)	Discussion
<b>4. Salt River Project Spillwater and Related Projects</b>	Ron Klawitter, Water Systems Projects Manager (4:37 – 5:00 pm)	Discussion
<b>5. City of Tempe Energy Equity Programming</b>	Andy Escobar, Climate Justice and Energy Equity Coordinator (5:00 – 5:30 pm)	Discussion
<b>6. Sustainability and Resilience Commission Composition</b>	Brianne Fisher, Climate Action Manager Kendon Jung, Commission Chair (5:30 – 5:50 pm)	Action
<b>7. Housekeeping</b> General Plan 2050 Highlight Action Report Out Board and Commission Recognition Event Reschedule June Meeting	Kendon Jung, Commission Chair (5:50 – 6:20 pm)	Discussion
<b>8. Future Agenda Items</b> Commission may request future agenda items.	Kendon Jung, Commission Chair (6:20 – 6:30 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.**



## Minutes

# City of Tempe Sustainability Commission April 17, 2023

Minutes of the Tempe Sustainability Commission meeting held on Monday, April 17, 2023, 4:30 p.m. at an in-person meeting at City Hall, 31 E. 5<sup>th</sup> Street, Tempe, Arizona.

**(MEMBERS) Present:**

Kendon Jung (Chair)	Jake Swanson
Barbie Burke (Vice Chair)	Shawn Swisher
Katja Brundiars	
Natalie Mendoza	

**(MEMBERS) Absent: \**

Erin Boyd

**City Staff Present:**

Brianne Fisher  
Andy Escobar  
Maddie Mercer  
Evelyn Brumfield  
Braden Kay  
Tom Duensing  
Mark Day

**Guests Present:**

**Agenda Item 1 – Welcome and Mission of SRC**

Chair Kendon Jung called the meeting to order at 5:35 p.m.

**Agenda Item 2 – Public Appearances**

No members of the public came forward.

### **Agenda Item 3 – Approval of Meeting Minutes**

Chair called for a motion to approve the minutes from March 27<sup>th</sup>, 2023. Commissioner Boyd was mistakenly marked as present. Approval of April 17, 2023, meeting minutes corrects the mistake.

**Motion:** Barbie Burke

**Second:** Jake Swanson

**Decision:** Approved 6-0

#### **Voted to Approve:**

Natalie Mendoza

Shawn Swisher

Katja Brundiers

Jake Swanson

Barbie Burke

#### **Absent:**

Meaghan Coon

Erin Boyd

### **Agenda Item 4 – Budget Presentation**

City staff Tom Duensing and Mark Day gave a high-level overview of the budget process, including the economic forecast, the Capital Improvement program, and the Bond Election Process. Day explained that the city has two budgets, the operating budget and the capital budget. The operating budget is a one-year financial plan that covers day-to-day operations. Funds for the operating budget come from local taxes, grants, and federal programs. The operating budget is used to fund personnel costs, supplies/ services, and other miscellaneous services.

The capital budget is separate from the operating budget and is used to fund construction, renovation, and other larger projects (streets and buildings). The city utilizes bonds as a primary funding source to fund capital improvement projects (CIP). They are repaid over 20 years. CIP expenditures are spent across the categories of enterprise, general purpose, special purpose, and transportation. Sustainability falls under the general-purpose category.

A series of public meetings are held between February and July to help develop the budget for each fiscal year. The current fiscal year has a budget of \$1.13 billion. The process starts in December, when Council is asked to establish the priorities for the year. Council is given "\$100" to fund their areas of interest. April is the budget review session. Public input is attained through surveys and forums, and residents can directly email council. Council chose 15 performance measures for the city to hyper-focus on. Housing Inventory Ratio

(4.09) and Tree Coverage (4.11) were chosen for the Sustainable Growth & Development Performance Measure.

Duensing explained that Council mostly focuses on the general fund. Council receives a presentation that shows where the city's projected revenue will be in five years and what room there is for growth in expenditures. Council was informed that \$5 million is available to spend on additional recurring costs for fiscal year 23/24. Funding is also available for one-time costs. A list of supplementals totaling approximately \$6 million will be recommended to Council on April 27<sup>th</sup>.

Duensing explained what sources make up the 5-year CIP funding. Most come from G.O. bonds and enterprise/excise bonds. Funds are mostly used towards water and wastewater utilities, buildings, parks, police, and fire medical rescue. Bonds need voter approval, and the city needs to prove it is able to pay them back. Secondary property taxes are used to pay back bonds. There is a city policy that keeps property taxes relatively low. The next bond election is in November 2024. Tom noted that inflation causes project estimates to increase by 40% and that causes projects to either be scaled back or deferred.

The recommended Sustainability related CIP project for FY24-FY28 include:

- Community and workplace charging infrastructure
- Energy conservation program
- Resilient energy hubs & microgrids
- Shade & green stormwater infrastructure
- Solar power partnerships & solar in city facilities
- Electric vehicle charging infrastructure/stations

Changes to the recommended CIP projects can be made until June 2023.

Questions:

- Mendoza asked for an explanation of the difference between secondary property taxes and regular property taxes.
  - Primary property taxes and secondary property taxes are both regular property taxes. Primary property taxes are used for operations and maintenance. Secondary property taxes are used to repay bonds.
- Brundiers asked if a surplus from a property tax spike could be used for building affordable housing.
  - Funding additional projects in that way can be done, though affordable housing was not part of the last bond process.
  - Kay noted that the city must get bond authorization to build projects it has revenue for.

- Natalie asked for clarification on the definition of affordable housing and non-affordable housing, assuming that unaffordable housing refers to expensive homes and not homes that nobody can buy.
  - City staff will follow up with an answer at a later time.
- Vice Chair asked if Tempe would be receiving funds for electric vehicle charging infrastructure through the state from the IRA bill.
  - Part of the IRA bill contains both formula and competitive funding. Tempe is working both interdepartmentally and regionally to apply for competitive funds.
  - CIC includes grant contingencies to ensure there is a sufficient budget in case the City is rewarded.
- Brundiers asked how extreme heat impacts the risk management considerations for bonds.
  - Climate change and risk management is an emerging risk. Bond risks will consider whether cities are at a climate change risk. No Arizona city's rating has been affected by extreme heat risks and whether long term bonds are worth financing.
- Swanson asked if the bond authorization is a public election and if the commission can influence what goes into a bond.
  - Yes.
- Chair asked how both budgets interact with each other and the role sustainability plays in tying them together.
  - Interactions happen when a capital project includes operating impacts. Where sustainability is input into the budget is to look for opportunities to incorporate green codes and materials into capital improvement projects.
- Chair asked if the City has evaluated if conservation measures can reduce the operational costs of projects.
  - Grace Kelly, energy manager, has done a study. It is not updated but data does show CIP projects have the ability to save money.
- Swisher asked about the timeline for the Resilient Tempe Master Plan in relative to the November 2024 bond election.
  - It will not be completed in time to affect the next bond election.
- Chair asked how the commission can help to accelerate the Resilient Tempe Master Plan.
  - Fisher suggested the commission can follow water rate studies, continue to ask for presentations from water and engage neighbors
  - Kay noted that residents can create revenue streams through a voter created process

## **Agenda Item 5 – Housekeeping Items**

Chair reminded the commission that the April 27<sup>th</sup> council meeting will discuss the Operating and CIP budgets. Chair will draft talking points for commissioners to help craft comments. Chair asked for commissioners to attend the meeting in person and bring at least 1 friend.

Chair noted that because categorizations are limiting, recruitment for the commission has been challenging. Chair recommends that be a discussion for the next commission meeting. Swisher asked if the Chair will remove descriptions for each seat. Chair explained that a possible decision could be made where 9 of the seats are at large Tempe residents and the remaining 2 are at large. Fisher will share the requirements of other City commissions and boards for the commission to review.

Chair asked commissioners to continue to work on gathering contacts and working on guiding questions.

Swisher gave an update on the competition. An announcement will be made this week. Swisher asked the commission to provide feedback by end of May. Important dates noted were:

- May 1<sup>st</sup>, accepting registrations
- July 23<sup>rd</sup>, accepting all submissions
- Late July-early August, Jury deliberations
- August 17<sup>th</sup>, Award Ceremony

### **Agenda Item 6 – Future Agenda Items**

Chair asked the commission to think of future topics that can be added to future agenda items.

**Motion:** Barbie Burke

**Second:** Katja Brundiers

**Decision:** Approved 6-0

### **Voted to Approve:**

Katja Brundiers

Natalie Mendoza

Jake Swanson

Shawn Swisher

### **Absent:**

Meaghan Coon

Erin Boyd

Sustainability Commission, April 17, 2023

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The meeting was adjourned at 5:48 pm.

Prepared by: Andy Escobar

Reviewed by: Brianne Fisher

# Energy Equity Program Supplemental

FY 22/23





# Approved Funding



- \$50,000 FY 22/23
- Training on how energy policies are made in Tempe and in Arizona
- How to make energy decisions at home

# 2022 CAP Update



## • Climate Justice Agenda

### Actions

#### Extreme Heat and Energy Equity



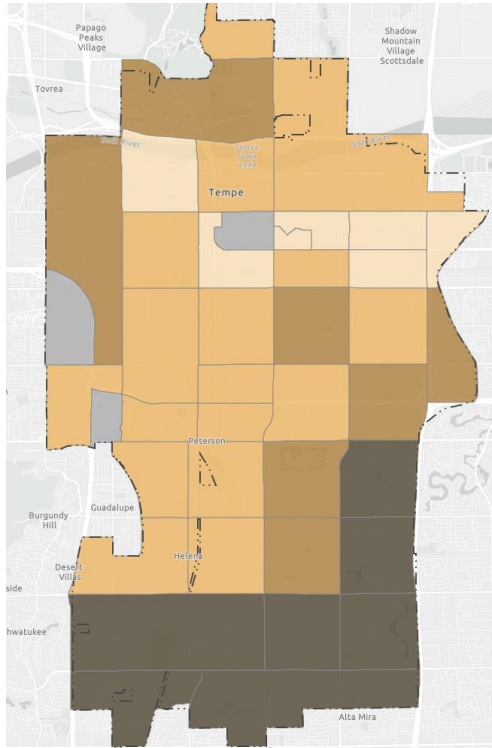
*A pedestrian walking in the heat.*

Residents want to live comfortably in a cool, walkable Tempe with adequate living standards that conserve 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. Unsheltered residents, who use the least energy, are the most at risk from extreme heat.

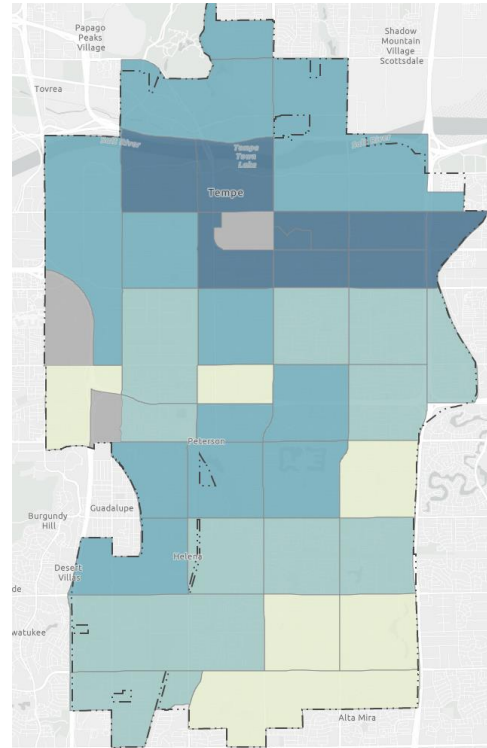
The overall health and well-being of Tempe residents can improve with the following processes and policies:

- **Unsheltered Population:** support and respect unsheltered persons
- **Neighborhood Funding:** mobilize neighborhoods as a collective energy action
- **Green Stormwater Infrastructure (GSI):** promote water conservation and increase native vegetation
- **Energy Savings:** set an allotted amount of energy at no cost; lower-income residents would benefit the most
- **Property Renovations:** weatherize and update existing living spaces
- **Energy Efficiency:** incentivize the use of natural and clean energy resources

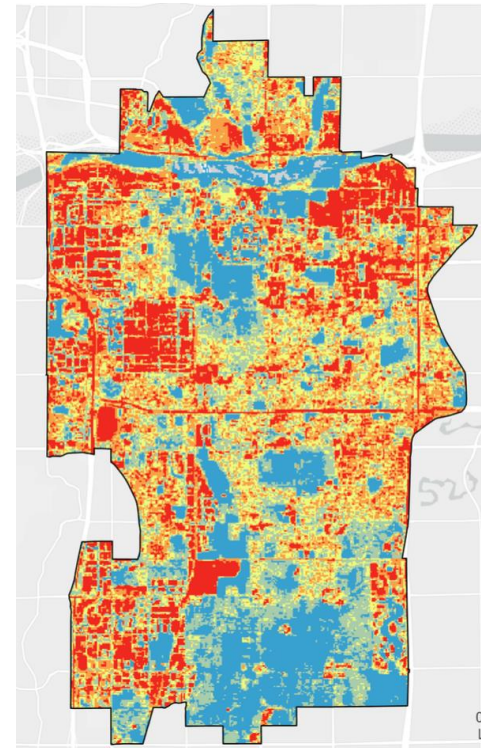
# Data Journey



Median Income



Poverty Rate



Median LST

# Data Sources



- Establishing Heat Priority Scores for Tempe, AZ
- Tempe Equity Data

# RAIL CDC Partnership



- Phase 1: Home Energy Kits
  - Connect with community
  - Community feedback
  - Community recruitment to participate
  - Design and implementation



# RAIL CDC Partnership



- Phase 2: Long-term Planning
  - Community follow-up/feedback
  - Recruitment for Climate Justice Advisory Group
    - Neighborhood resilience listening, education, programming
    - EnVision services/programs/functions
      - Beautification projects

# Future of this Work



- Energy Efficiency Conservation Block Grant
  - \$236K
- SRP MOU
  - Energy Equity



Q&A



# MEMORANDUM



**TO:** Sustainability and Resilience Commission

**FROM:** Brianne Fisher, Interim Sustainability and Resilience Director

**DATE:** May 11, 2023

**AGENDA ITEM:** Sustainability and Resilience Commission Composition

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**PURPOSE:** The purpose of this memo is to provide Sustainability and Resilience Commission members background and context for the May 15, 2023 agenda item discussion and potentially taking action on Sustainability and Resilience Commission Composition.

**BACKGROUND:** At the April 17, 2023 Commission meeting, Commissioners discussed wanting the opportunity to discuss the Commissions Composition criteria outlined in the City of Tempe ordinance, at a future meeting. Established in the code is the following language:

The Sustainability and Resilience Commission is composed of 11 members who shall serve two-year terms (with the exception of students, who serve one-year terms) for no more than three consecutive terms. Members are from each of the following parts of the community:

- one Sustainability Scientist or staff member associated with Arizona State University's Julie Ann Wrigley Global Institute of Sustainability;
- one faculty or staff member of Arizona State University, At-large;
- one representative from a Tempe business recognized as a leader in sustainability;
- one sustainability-industry representative;
- one representative from a business advocacy group;
- one teacher, student, or staff member from a Tempe public high school;
- one representative from the faith community or nonprofit sustainability advocacy group;
- one student who lives or attends school in Tempe (one-year term);
- two Tempe residents, At-large; and,
- one at-large member who resides in Maricopa County.

For member positions where residency is not required, preference will be given to applicants who are Tempe residents and/or those working in Tempe.

**NEXT STEPS:** If the Commission has the desire to change composition requirements, the formal process will require two public hearings at a Tempe Regular Council Meeting.



# EXECUTIVE SUMMARY

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# EXECUTIVE SUMMARY

Once every ten years Arizona cities are required to update their General Plan. The Tempe Tomorrow General Plan 2050 provides the vision for how Tempe will grow and look in 2050.

The Maricopa Association of Governments (MAG) projects that between 2020 and 2050, Tempe will grow by more than 52,766 new residents and its economy will add nearly 83,748 new jobs (data from MAG 2023 Socio-economic Projections, Draft 1). Tempe Tomorrow - General Plan 2050 will guide how Tempe will maintain a high quality of life for community members while managing to accommodate the projected growth in a well-planned manner.

The guiding principles for the General Plan 2050 include: balanced land use; enhanced quality of life, preservation of neighborhood character; increased economic vitality; enhanced mobility for all; and sustainability and environmental stewardship that includes adaptation and management of climate change and extreme heat. An abundance of good jobs and availability of varied housing types will elevate Tempe as the regional leader in urban living as a desirable place to live, work and play.

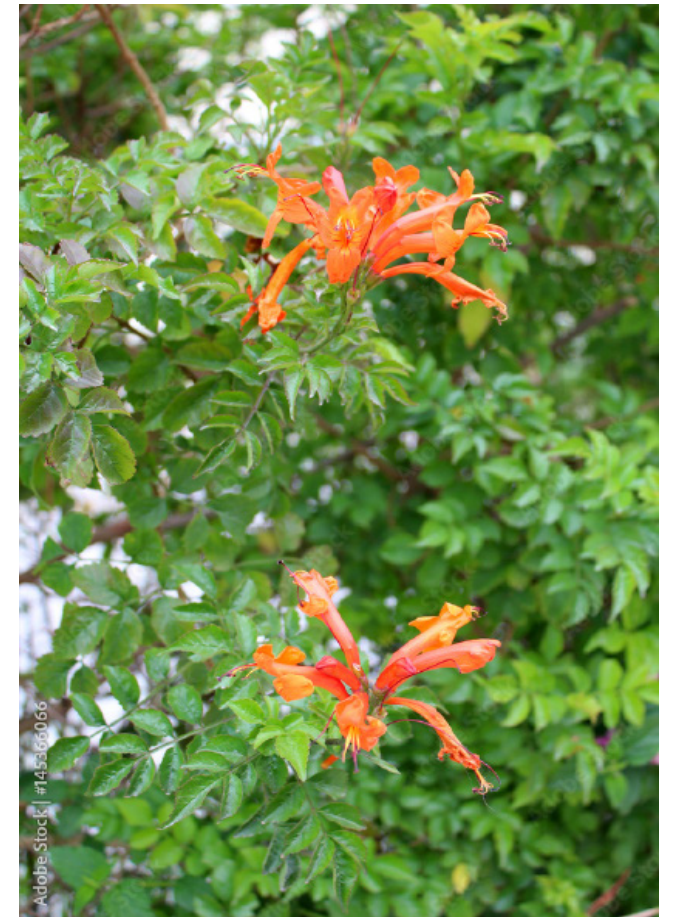


In addition, several emerging trends have influenced the planning process nationally. Tempe will also be impacted by many of these trends that are driven by changing environmental, technological and behavioral trends in society. They include issues such as climate change, extreme heat, micromobility, remote working, new transit options and sustainability matters.

## TEMPE TOMORROW - GENERAL PLAN 2050 VISION

The community's vision for Tempe in the year 2050 is one of a high quality of life and sustainability: a city with a diverse, active and engaged community; a city that is visually attractive and delightful and physically accessible by multiple modes of transportation, especially transit, walking, biking, and micro mobility options, with parks and cultural facilities that attract residents and businesses; a city comprised of and defined by vibrant mixed-use development and mobility hubs that not only provides for daily needs, but functions as a leisure destination for its residents and visitors; a city with homes of distinctive design quality and varied residential density and prices, revitalized neighborhoods that are walkable, pleasant and safe, and connected within a 20-minute walk, bike or transit ride.

Further, Tempe will be known for equity (including shade equity), inclusiveness, diversity, and its



programs for mitigation of extreme heat, climate-friendly development, consisting of green infrastructure and buildings, social and economic diversity, and public health-friendly development that will create blue zones (healthy geographic areas) to support community health. Tempe will aim to become a cultural and transportation leader in the region.

Tempe Tomorrow - General Plan 2050 will support and advance the five City Council priorities: safe and secure communities, strong community connections, quality of life, sustainable growth and development, and financial stability and vitality.



## MAJOR THEMES

The General Plan 2050's three central themes reflect a vision defined by the community.

### FOSTER SUSTAINABLE AND CLIMATE FRIENDLY DEVELOPMENT

- Champion sustainable development and public service practices, to make Tempe an attractive place to live, work and play for all ages, incomes, and abilities.
- Make Tempe a leader in climate-friendly development that helps reduce carbon emissions, and mitigates the impact of extreme heat on communities.
- Make Tempe a leader in shade

equity, inclusiveness, and healthy physical environments.

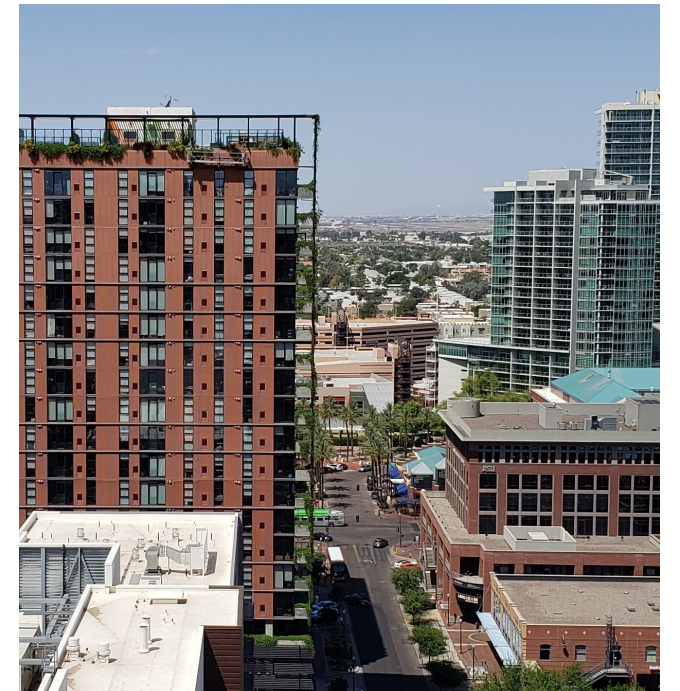
- Promote green construction and low impact development techniques for buildings and infrastructure whenever feasible in infrastructure and vertical development.
- Encourage urban agriculture (including on roof top, balconies, and yard) and community gardens for food and expand the use of edible landscape.
- Build upon the amenities essential to quality of life such as public art and art centers, museums, library, light rail, streetcar, bus transit, walking and biking network, walkable downtown and hubs,

multi-generational centers, parks, and recreational facilities, and ensure these remain available as the community grows.

- Support neighborhoods to maintain and enhance diversity and distinct character, and support preservation and revitalization efforts.
- Promote healthy community living through choice for housing, access to recreation, fresh food, healthcare, and all daily amenities that are easily accessible by walking, biking, micro-mobility, or transit within 20 minute
- Create supportive environment and support system to help individuals and businesses to reach their full potential.

### CONTINUE TO PROMOTE MIXED USE AND GREEN DEVELOPMENT

- While Downtown/Town Lake/ASU/ Apache Boulevard Corridor will continue to be the central urban core of Tempe, new mixed use development will infuse existing commercial or employment hubs to establish high density and intensity activity centers that offer goods, services, and amenities.
- Provide a healthy transition between the central urban core and its surrounding single family neighborhoods.
- Continue to integrate the suburban-type development in Tempe with the highly urbanized



commercial and mixed use hubs in various parts of the City.

- Support the growth of industrial and commercial centers and hubs that provide a manufacturing, assemblage, and employment base for the City while enabling gradual transition to include residential development in appropriate parts of the industrial locations such as the Smith Industrial Innovation Hub and Maker Innovation District.
- Encourage and promote green infrastructure and buildings to support sustainability, environmental conservation, and climate friendly developments. These development will also support the desires of Tempe residents to live in Blue Zones (healthy environment that support active lifestyles and longevity for the citizens).



**ENHANCE TRANSIT ORIENTED DEVELOPMENT WITH PEDESTRIAN AND BIKE ROUTES WITH MICRO MOBILITY OPTIONS, AND ESTABLISH MOBILITY HUBS.**

- Integrate parks, plazas and open spaces as rest stops for that 20-minute walk or bike ride, creating breaks in the urban pattern
- Connect transportation hub locations to achieve the 20-minute city goal
- Create safe and comfortable pedestrian and bike connections to schools, parks, and multi-generational centers, within a

20-minute walk, bike ride or local-serving transit

- Ensure that new urban development contributes to creation of urban open spaces, plazas, and shaded places to relax among the urban activities
- Make Tempe an urban leader in transit and transportation including various modes such as streetcar, light rail, bus, circulators, bikes, micro-mobility, and walking.
- These themes define and drive the contents of the chapters of the General Plan 2050 to create a vibrant, inclusive, and equitable urban community.

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*You and a guest are invited to attend the*  
2023 City of Tempe

## **Boards & Commission Appreciation Celebration**

**Your voice makes Tempe a better place. Thank you for serving!**

**May 19, 2023**  
**5 – 7 p.m.**

*Remarks and awards begin at 6 p.m.*

**Omni Tempe Hotel at ASU**  
**7 E. University Dr.**

Mayor Corey Woods and the Tempe City Council cordially invite you and one guest for a celebration of Tempe's Board and Commission volunteers. Join us at the Omni Tempe Hotel at ASU for an opportunity to network, listen to live music by Bohemian Insurgence and be honored during a short recognition ceremony.

**Appetizers will be served.**

**Please wear your Boards and Commissions name badge.**

**Please RSVP by May 1 [click here](#)**

### **Transportation and Parking Options**

ASU Parking Lot 66 - Myrtle Avenue between Ninth and Tenth streets. - Limited Free Parking  
City Hall Parking Garage - 117 E. Fifth St. - Free  
Omni Tempe Hotel at ASU - Valet parking only - \$20  
Closest streetcar stop is at Ninth Street and Mill Avenue.

### **Questions?**

**Email Madalaine McConville at**  
**[Madalaine\\_McConville@tempe.gov](mailto:Madalaine_McConville@tempe.gov)**