



Approved 12/18/19 (sb)

SUMMARIZED MEETING MINUTES

City of Scottsdale
Environmental Advisory Board
Regular Meeting
5:30 p.m.; Wednesday, November 20, 2019
Community Design Studio
7506 E Indian School Rd
Scottsdale, Arizona 85251

PRESENT: Steven Schlosser, Chair
Tammy Bosse, Vice-Chair
David Abranovic, Commission Member
Natalie Chrisman Lazarr, Commission Member
Anthony Coletta, Commission Member
Walter Cuculic, Commission Member
Ryan Johnson, Commission Member

ABSENT: None

STAFF PRESENT: Tim Conner, Office of Environmental Initiatives

Call to Order:

Tim Conner called the regular meeting of the Scottsdale Environmental Advisory Commission to order at **5:32 p.m.**

Roll Call:

A formal roll call took place confirming members present, as stated above.

Public Comment:

Two members of the public were present; no public comment was received.

1. [Dr. Braden Kay, City of Tempe - Director of Sustainability, presented Tempe's Climate Action Plan.](#)

Braden Kay

Dr. Kay provided a thorough and engaging presentation of the municipal Climate Action Plan recently adopted by the City of Tempe.

2. **Approval of Summarized Meeting Minutes:** Approval of Regular Meeting Minutes from October 16, 2019.

Commission Member (CM) Johnson made a motion to approve the Summarized Meeting Minutes from October 16, 2019; Vice-Chair Bosse seconded the motion, which carried 7-0, with Chair Schlosser, Vice-Chair Bosse and CMs Abranovic, Chrisman, Coletta, Cuculic and Johnson voting in the affirmative.

Chair
Schlosser,
Commission
Members
3. **Administrative Report:**
 - Updates and opportunities - Conner
Tim Conner
4. **Earth Day 2020:** Tim Conner and CMs Chrisman, Coletta, and Johnson provided updates from meetings with the Mayor's Office and affected City departments. Currently, Earth Day 2020 activities that are being discussed include a Mayor's Breakfast, a tree-themed art contest with public schools, and the initiation of a long-term City *Tree and Shade Plan*. Mr. Conner provided detailed information about the many planning and procurement considerations for the Event tree planting ceremonies.

Tim Conner,
CMs
Chrisman,
Coletta,
Johnson
5. **Environmental Sustainability within the City of Scottsdale**
Members of the Commission discussed the merits and values of either providing the City Council with a very detailed listing of sustainability recommendations, or a more concise, topical description. See attached suggestions.

Commission Member Johnson made a motion for Chair Schlosser, Vice-Chair Bosse and CM Chrisman to draft a letter to the City Council summarizing the Commission's listing of environmental sustainability priorities. This is in response to Mr. Brent Stockwell's request for : "Feedback from SEAC on what Scottsdale needs to achieve that we are not currently doing?". Vice-Chair Bosse seconded the motion, which carried 7-0, with Chair Schlosser, Vice-Chair Bosse and CMs Abranovic, Chrisman, Coletta, Cuculic and Johnson voting in the affirmative.

Commission
Members
6. **Commission Members' reports, updates and suggestions for future agenda items:**
 - **Commission Member Abranovic made a motion discuss the principles, finances and constraints of Solar Service Agreements for municipalities (as explained by CM Cuculic) on the December Agenda. CM Coletta seconded the motion, which carried 7-0, with Chair Schlosser, Vice-Chair Bosse and CMs Abranovic, Chrisman, Coletta, Cuculic and Johnson voting in the affirmative.**
Commission
Members

7. Updates and reminders –

Tim Conner
Anthony Floyd

- Next Scottsdale Environmental Advisory Commission Regular Meeting:
5:30 p.m.; Wednesday,
December 18, 2019, at the Scottsdale **Community Design Studio**,
7506 E. Indian School Road
- Next Green Building Lecture Series:
Dirty Electricity & Electromagnetic Fields
December 5, 2019, at the Scottsdale Granite Reef Senior Center
7:00 - 8:30 p.m.

Adjournment: 7:48 p.m.

Chair
Schlosser



Persons with a disability may request a reasonable accommodation by contacting the Office of Environmental Initiatives at 480-312-7833 (if any)]. Requests should be made 24 hours in advance, or as early as possible, to allow time to arrange the accommodation. For TTY users, the Arizona Relay Service (1-800-367-8939) may contact the Office of Environmental Initiatives at 480-312-7833.

SEAC SUSTAINABILITY RECOMMENDATIONS

Chair Schlosser:

First, the City could set a goal to become carbon "neutral" by 2030 or 2035.

This overarching goal could then translate to individual action plans such as:

A: Converting the fleet of city vehicles from being fossil fuel driven to hybrids (at a minimum) or EV over the next five years.

B: Converting City street lamps to LED versions in a similar time frame.

C: Ensuring that all City buildings are using Low E, Double Pane, Windows

D: Ensuring that all City Buildings use smart energy management systems that moderate light and AC use depending on occupancy..

E. Developing a replacement strategy that changes AC systems to the highest available efficiency units.

F: Create a program to install Solar energy systems in as many City buildings as possible.

G: Develop a city wide program to use passive solar cooling options to lower the AC demand for city buildings.

Beyond Energy the City could adopt strategies for minimizing its use of water by:

H: Ensuring all bathrooms have the most efficient toilets and that sinks have limit options to keep them from running without purpose.

I: Review all building landscapes to make sure that they reflect desert realities and eliminate large expanses of "decorative" grass that is more in line with other climates.

J: Champion the use of refillable water bottles by installing compatible water fountains throughout all city facilities and by removing single use bottles for sale in vending machines in municipal buildings.

In addition, the City could minimize its material impact by:

H: Moving the City information systems to all digital versions where information is stored in the "cloud" and paper use is minimized except in certain essential applications (building plans).

I: If not already in place, move to purchasing alternatives - debit cards - for all material buys under \$ 500 and have a centralized data base so employees can see where materials may be available from other operating groups so that the amount of purchasing redundancy is minimized.

Natalie:

1. Development and maintenance of a comprehensive City-wide policy and strategic performance sustainability plan with sustainability performance goals and key metrics to measure and report out on progress
2. Coordination between all departments on conservation and sustainable development including: green purchasing, energy conservation, recycling, green building, resource conservation, green house gas reduction, government funding for sustainability, environmental reporting metrics (that of course tie to the sustainability performance goals in the sustainability plan)
3. Development, implementation, and championship of marketing and educational sustainability programs for the City and community - facilitation of partnerships with the community and businesses in the City to integrate sustainable practices within Scottsdale
4. Provision of expert level leadership in sustainability forecasting, cost/benefit analyses, justification/defense of programs and policies, and grant procurement/management

Vice-Chair Bosse

BIG IDEAS:

Expand Office of Environmental Initiatives into an Office of Sustainability with a Chief Sustainability Officer to seek opportunities for the City to work with other departments in order to integrate sustainability practices throughout the City operations. (Steve & Tammy) Include staff to develop with citizen input, and then implement the Sustainability Plan. Elevate engagement in overcoming obstacles that the State has put into place to elevate sustainability actions.

CREATE A SUSTAINABILITY ACTION PLAN:

A carbon neutrality goal,

A zero waste goal,

A water conservation goal

A materials conservation goal

A tree planting and shade goal

An energy use reduction goal

A green business goal

A citywide “voluntary” goal and campaign for carbon neutrality, zero waste, water efficiency (use per capita) and shade goals to encourage businesses, organizations and individuals to aspire to

POSSIBLE SECTIONS FOR THIS PLAN:

Climate adaption and resiliency / Carbon neutrality / Clean Air

Energy policy efficiency & Green Building

Green culture and innovation

Land Use

Local Business

Local Food Systems

Materials efficiency / conservation

Non-toxic pest management

Parks, Preserves & Open Spaces

Renewable Energy

Transportation options

Walkability

Water management

Waste Management (for example including composting, enhanced and expanded recycling, circular economy, waste re-use incentives, etc.)

Create a climate change adaption and mitigation plan.

SOME SPECIFIC ACTIONS WHERE THE CITY COULD PROCEED:

CLIMATE ADAPTION AND MITIGATION CLEAN AIR:

1. Convert the fleet of city vehicles from being fossil fuel driven to hybrids (at a minimum) or EV over the next five years. (Steve)
2. Substantially increase renewable energy in city buildings
3. Increase Scottsdale participation in regional clean air campaigns
4. Substantially elevate shade plan with trees, building design and shade structures
5. Participate in national and international initiatives to reduce carbon output, such as the C40
6. Add an infrastructure of e-charging stations
7. Idle reduction education outreach

ENERGY EFFICIENCY:

1. Assess all buildings with an energy audit and develop a plan to make each building more energy efficient with actions such as:

- A. Hire Energy Management staff to focus solely on energy use reduction
- B. Adopt IDCC for all Commercial Buildings
- C. Elevate Scottsdale's commitment to green building innovation and capitalize on Scottsdale's leadership in this area
- D. Ensure that all City buildings are using Low E, Double Pane, Windows (Steve)
- E. Ensure that all City Buildings use smart energy management systems that moderate light and AC use depending on occupancy. (Steve)
- F. Developing a replacement strategy that changes AC systems to the highest available efficiency units. (Steve)

2. Converting City street lamps to LED versions in a similar time frame. (Steve)

GREEN CULTURE

1. Recruit and track the number of "Green" business in Scottsdale
2. Create and promote a Green Business certification for Scottsdale
3. Do an annual Environmental Awards program
4. Promote Scottsdale's sustainability actions in economic development, bond ratings, etc.
5. Offer sustainability education classes for business, organizations and individuals
6. Have all employees watch a sustainability video or take a sustainability class. (ASU has a video).

MATERIALS EFFICIENCY:

1. Moving the City information systems to all digital versions where information is stored in the "cloud" and paper use is minimized except in certain essential applications (building plans). (Steve)

2. If not already in place, move to purchasing alternatives - debit cards - for all material buys under \$ 500 and have a centralized data base so employees can see where materials may be available from other operating groups so that the amount of purchasing redundancy is minimized. (Steve)

WASTE REDUCTION:

1. Add composting services to residential
2. Add composting services to commercial
3. Substantially increase commercial recycling (mandate it asap)
4. Initiate green purchasing practices for operational materials
5. Further update the Waste Management Plan
6. Adopt a Scottsdale Green Events certification. Use it for all City run events and heavily promote it and incentivize it for other events
7. Invest in and incentivize circular economy innovation
8. Initiate plastic waste reduction programs
9. Champion the use of refillable water bottles by installing compatible water fountains throughout all city facilities and by removing single use bottles for sale in vending machines in municipal buildings. (Steve)
10. Encourage alternatives to ion exchange water softening systems
11. Encourage recycling pool water instead of draining and refilling
12. Encourage water recirculating retrofitted systems in residential and commercial buildings

WATER MANAGEMENT:

1. Ensuring all bathrooms have the most efficient toilets and that sinks have limit options to keep them from running without purpose. (Steve)
2. Review all building landscapes to make sure that they reflect desert realities and eliminate large expanses of "decorative" grass that is more in line with other climates. (Steve)
4. Supporting and expanding Scottsdale's innovative water technology
5. Offer desert landscaping classes for residents, businesses, organizations and landscapers
6. Offer a desert landscape and water efficiency management certification for landscapers, property managers and landscape designer