



JUNEAU COMMISSION ON SUSTAINABILITY AGENDA

May 03, 2023 at 12:00 PM

Zoom Webinar

<https://juneau.zoom.us/j/82186533029> | Meeting ID: 821 8653 3029 or

Phone +1 253 215 8782 US (Tacoma)

A. CALL TO ORDER

B. LAND ACKNOWLEDGEMENT

C. ROLL CALL

D. APPROVAL OF AGENDA

E. APPROVAL OF MINUTES

- [1.](#) March 30, 2023 – JCOS Regular Meeting
- [2.](#) April 11, 2023 – JCOS Outreach Subcommittee
- [3.](#) April 19, 2023 – JCOS Work Session

F. PUBLIC PARTICIPATION

G. AGENDA TOPICS

4. EV Charger Grant Letters of Support – Steve Behnke (JCOS)
- [5.](#) Sustainability Awards – Jim Powell (JCOS)
- [6.](#) Sustainability Indicators – Jim Powell (JCOS)
- [7.](#) Sustainability Session (May 16) – Marian Call (JCOS)

H. INFORMATION ITEMS

I. COMMITTEE MEMBER / LIAISON COMMENTS AND QUESTIONS

J. NEXT MEETING DATE

Solid Waste Subcommittee	May 9, 2023 12 PM @ZOOM
Sustainability Session	May 16, 2023 5:00 PM - 6:30 PM – Hybrid
Solid Waste Subcommittee	May 23, 2023 12 PM @ZOOM
Regular Meeting	June 7, 2023 12 PM @ZOOM
Monthly Work Session	June 21, 2023 12 PM @ZOOM

K. ADJOURNMENT

ADA accommodations available upon request: Please contact the Clerk's office 36 hours prior to any meeting so arrangements can be made for closed captioning or sign language interpreter services depending on the meeting format. The Clerk's office telephone number is 586-5278, TDD 586-5351, e-mail: city.clerk@juneau.org.

Juneau Commission on Sustainability (JCOS)
Wednesday, March 30, 2023, 12:00 p.m. (Noon) Zoom

1. Call to Order

Chair Keiser called the meeting to order at noon.

2. Land Acknowledgement

3. Roll Call

Present: Jessica Barker, Steve Behnke, Marian Call, Gretchen Keiser, Duff Mitchell, Jim Powell, David Teal, Nick Waldo

Absent: Laura Achee

A quorum was present.

Staff & Others Present: CBJ Staff Liaison Denise Koch, CBJ staff Dianna Robinson, Alan Steffert (Eng & PW) and Nate Abbott (Parks & Rec), Lori Sowa (AEL&P), Bill Leighty & Nancy Waterman, Sunny Sanwar (Constellation), Paul Goodfellow (ADEC), Pete Strow, Cassandra Joos, and Rochelle Lindley (Kensington), Jim? (Waste Management)

4. Approval of Agenda

Add Earth Day proclamation.

5. Approval of Minutes

Minutes for the meeting of March 1, 2023 were approved without objection.

6. Public Participation

Bill Leighty—wants to be sure the scope of the inventory reaches all fossil fuel usage in the community, particularly cruise ships.

7. Agenda Topics

- a. 2021 Energy Use and GHG Inventory: Preliminary Draft Report 3: – Denise Koch (CBJ) and Sunny Sanwar (Constellation)

Insufficient data for trend analysis, but good progress made. JCOS comments close April 5, final review draft produced, then public comments for 3 weeks, then final report and Constellation work on mapping, followed by formal meeting/presentation to Assembly.

Sunny Sanwar: brief review of methodology, results and next steps. Scope 3 (cruise ship emissions) is an issue. For Juneau, the cruise ship contribution to GHG is relatively large (compared to Scope 3 emissions in other communities) and many residents want cruise ships included in the inventory. Working on it. Would be nice to get consumption data from the cruise lines rather than using hours in port to estimate usage. May be a separate report—issues of responsibility regarding ship emissions and how to control them push beyond mere inventory toward advocacy and public policy.

Next draft can incorporate tons/capita information and compare it to other communities.

Comments from JCOS and others today on draft go to Denise by April 5.

- b. Takeaways from the 2021 Energy/GHG Inventory Update – Steve Behnke (JCOS)
Mr. Behnke addressed (in a paper attached to packet) the issue of what to do with this report to maximize its exposure and impact. A sustainability session may be the best way to get a progress report and recommendations to the assembly.
- c. Sustainability Session – Steve Behnke (JCOS)
 - i. Summary of findings of inventory report
 - ii. Progress report
 - iii. Opportunities/Impacts of changes
 - iv. Value of continued updates
 - v. Links to 5-year work plan

Mr. Powell: Can we attach dollars to actions? Mr. Sanwar said some data are available and he may be able to apply that data to Juneau's situation.

Ms. Sowa: AELP will share data on costs and impact of beneficial electrification.

Mr. Mitchell: this sustainability session should be high level; deep dives can occur in multiple meetings.

Mr. Behnke and Ms. Call will work on a date.

- d. Earth Day Proclamation—draft goes to Mayor for use at assembly and other meetings.
- e. **Mr. Mitchell's motion to give the chair authority to submit a draft, proclamation, prepared by Outreach Committee, and a send to the Mayor passed without objection.**

8. Information Items

Chair Keiser is looking for volunteers to chair JCOS May 3 meeting and May 17 work session, as she will be unavailable.

JCOS Solid Waste Committee has established a regular work session on the 4th Tuesdays at 12 noon.

April 6, 3-5pm: Assembly PWFC is hosting a subcommittee public meeting on trash.

9. Committee/Liaison Comments and Questions

10. Next Meetings

- April 19, 2023 work session at noon (ZOOM)

11. Adjournment

The meeting adjourned at 1:16 pm.

Submitted by David Teal, Secretary

JCOS Outreach Subcommittee minutes

Apr 11, 2023

1. Call to order

Chair Marian Call called the meeting to order at 12:07pm

2. Land acknowledgement

3. Roll call

Present: Marian Call (chair), Jessie Barker, Denise Koch, Dianna Robinson, Steve Behnke, Gretchen Keiser

Absent: Duff Mitchell

4. Public participation

None

5. Agenda topics

a. Ways of working for the Outreach Subcommittee

Chair Call prompted the subcommittee to think about how we want to meet and what are the main barriers to getting things done. Dr Barker and Chair Call agreed that a mix of coworking plus individual work makes sense. If meeting in person, the location would have to be at a time and place for public access, e.g. Marine View conference rooms, downtown library.

b. Upcoming Sustainability Session on the GHG inventory report with Sunny Sanwar

Chair Call, Mr Behnke and Chair Keiser recapped Mr Mitchell's concerns and the current constraints. It would be beneficial to have Dr Sanwar be present (online) as an outside expert, especially because JCOS recommended that CBJ commission a GHG report but did not actually do the work. Dr Barker posed this as a behavior change problem: who is our target audience and what do we want them to do as a result? When we say "community" do we mean people who are already engaged and want to go into the weeds with the data, or more general public?

For this first meeting, the Subcommittee agreed that the purpose is to take a deep dive and then provide input to CBJ. Mr Behnke suggested inviting people who have been advocates or following, e.g. energy experts and community activists. Chair Call suggested involving UAS. A higher-level, layperson meeting would be better suited to when Dr Sanwar's interactive tool is ready, which will allow people to look at their own house and see how emissions change when they change different parameters. He has to finalize the report before he can finalize this.

Ms Koch clarified that there is no set public review period for CBJ, unlike SOA. We are doing this out of good governance and community involvement. She has already received some public comments and from the cruise lines, which she has given to Dr Sanwar. She also clarified that

CBJ employees cannot make any recommendations (e.g. policy or individual actions) but JCOS can.

Regarding meeting logistics, Chair Call confirmed that a hybrid meeting could be recorded. The Subcommittee agreed with Mr Mitchell's suggestion to avoid a Friday and to hold the meeting after work. The only availability for the Assembly Chambers when Dr Sanwar is also available is Tuesday May 16 or 30. The Subcommittee agreed that May 16 makes most sense. Chair Keiser pointed out that the review period for the report could start April 24 and end May 21, so a May 16 session would be well timed.

c. Future Sustainability Sessions

Chair Call and Chair Keiser agreed that it would be valuable to organize future sustainability sessions to ramp up public interest and gain momentum. Chair Call suggested regular sessions from August to November and January to April. She suggested sharing information from the meetings for Ms Koch to put on social media. Mr Behnke pointed out that JCOS can make use of what is being done by other groups in Juneau, and act as a hub to collate rather than generate information. Chair Call recommended prioritizing concrete Juneau-based information on actions to take rather than generic sustainability information.

d. Next steps

Chair Call will follow up by email about organizing the session with Dr Sanwar. Mr Mitchell suggested prior to the meeting that the Subcommittee should document its outreach process for the future to develop a best practice guide.

6. Adjournment

The meeting adjourned at 1:19pm

Juneau Commission on Sustainability (JCOS)
Wednesday, April 19, 2023, 12:00 p.m. (Noon) Zoom

1. Call to Order

Chair Keiser called the meeting to order at noon.

2. Land Acknowledgement

3. Roll Call

Present: Jessica Barker, Steve Behnke, Marian Call, Gretchen Keiser, Duff Mitchell, Jim Powell, David Teal, Nick Waldo

Absent: Laura Achee

A quorum was present.

Staff & Others Present: CBJ Staff Liaison Denise Koch, CBJ staff Dianna Robinson, CBJ staff Alan Steffert, Beth McEwen

Lori Sowa (AEL&P)

4. Approval of Agenda

Approved as submitted.

5. Public Participation

None

6. Agenda Topics

- a. Open Meetings Guidance—City Clerk Beth McEwen. The presentation remains on the website for reference. (<https://mccmeetingspublic.blob.core.usgovcloudapi.net/juneauak-meet-65472a989f6b42bd9c08e2d8e9175104/ITEM-Attachment-001-1645ed8a7e5c44df889bab0ffac3e68c.pdf>)
- b. Airport EV Charging Memo—Steve Benke prepared a memo making a few suggestions and posing a few questions. The memo will be sent with minor modifications.
- c. EV Charger Grant—Alan Steffert provided a status update. Plan to apply for \$4 million grant + \$1 million local match for \$5 million EV charger project with Level 2 and Level 3 chargers.
- d. Energy Efficiency and Conservation Block Grant—Denise Koch provided a status update. It's a formula grant. CBJ has been allocated \$76,000. The current plan is to purchase an EV truck as a pilot.

7. Information Items

8. Committee/Liaison Comments and Questions

9. Next Meetings

- Regular Meeting May 3, 2023 12 PM @ZOOM
- Monthly Work Session May 17, 2023 12 PM @ZOOM
- Regular Meeting June 7, 2023 12 PM @ZOOM

10. Adjournment

The meeting adjourned at 1:10 pm.

Submitted by David Teal, Secretary



Juneau Commission on Sustainability

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www.juneau.org/sustainability
155 S. Seward Street • Juneau, AK 99801

From: Duff Mitchell (Chair)

To: Wade Bryson, Chair, Assembly Human Resources Committee

Re: Recommendation for CBJ Sustainability Award/s

As part of the Juneau Commission on Sustainability's remit to coordinate, propose, and promote sustainability initiatives through education and outreach programs, JCOS has developed the attached recommendation for a 'Juneau Award for Excellence in Sustainability'.

The purpose of the awards would be to publicly recognize and celebrate individuals, businesses, and other organizations or bodies in the community who are contributing to developing a sustainable community and helping to achieve community goals.

There are many local sustainability-related projects or initiatives that have been implemented in the past that have demonstrated what is possible in the community but have not received the public attention they deserve. Not publicly celebrating these achievements misses an opportunity for public education on what is possible. This also allows others in the community to know who they can learn from to implement similar projects or initiatives and so speed progress to our community's sustainability goals.

JCOS is would welcome the opportunity to further discuss this with the appropriate Assembly body.

Final Draft (8-26-20)

City and Borough of Juneau

Award for Excellence in Sustainability

Purpose: The Award for Excellence in Sustainability (AES) is an annual award that recognizes and celebrates outstanding community projects, plans, policies, individuals, government agencies, and organizations dedicated to supporting Juneau as a sustainable community.

In keeping with the sustainability concept, one or more awards may be given in the following areas (1 - 9) below.

Sustainability Achievement Areas

1. **Resilient Economy** – Projects that help grow a strong, local economy and provide opportunities for households to improve their quality of life through education and employment.
2. **Climate Change and Adaptation** – Projects that reduce greenhouse gases or adapt to the impacts from climate change.
3. **Energy and Built Environment** – Projects that conserve energy and promote renewable energy or use building design to enhance the environment.
4. **Public Policy / Institutional** – Projects or processes that increase energy efficiency and are innovative in one or several of the Sustainability Achievement Areas (1 -3, 5-7).
5. **Natural Systems** – Projects that support Juneau’s healthy ecosystems.
6. **Sustainable Transportation** – Projects that encourage multimodal travel options – walking, biking, carpooling, transit combined with safer streets.
7. **Waste Reduction**- Projects that reduce waste by thoughtful procurement of materials and keep materials out of Juneau’s landfill through reuse, composting and recycling.
8. **Food Security** - Projects that increase local food production through innovation, accessibility, and marketing.
9. **Public and Community Health** – Projects that support community building and personal connections.

Selection and Award Process

A Selection Committee consisting of five members of the Sustainability Commission review applications using the criteria below and will then make recommendations to the City and Borough of Juneau Assembly's Human Resources Committee (HRC). The HRC will review and make a decision on candidate/s to forward to the full Assembly.

Awards would be announced by the Assembly at a convenient location and event such as an Assembly Meeting or public event such as the JEDC Annual Innovations Conference or an Earth Day celebration.

Award Criteria

The Selection Committee will use the nine achievement areas outlined above and the relevance of each project or process to contemporary challenges facing the local, regional, state, and global community. Of particular importance is education or knowledge transfer, responsiveness to climate change, inclusive use of technology, and the challenges that were addressed or overcome. The project should also show how the individual, business, agency or group took action to move sustainability forward.

Eligibility and Guidelines

1. The AES is open to any individual or collaborative applications from Juneau resident, or entity (corporations, non-profits, government agency, organizations, etc.).
2. Applicants can nominate themselves, or by a third party.
3. Nominations should describe the project or initiative in progress or completed in _____ [include the year]
4. Individual students, school groups or clubs, and community youth groups may nominate themselves and must have a sponsor 18 years or older.

Application

An electronic application is required to be submitted to the CBJ City Clerk's Office. The application would include a one- or two-page description with attachments if applicable. Awards would be announced by the Assembly at a convenient location and event such as an Assembly Meeting or public event such as the JEDC Annual Innovations Conference or Earth Day celebration.

Juneau Sustainability Indicators

Some history and steps forward

Jim Powell, PhD

Research Assistant Professor
Alaska Coastal Rainforest Center
University of Alaska Southeast

Presentation

- Big picture and definitions
- Sustainability frameworks and approach
- Some history
- CBJ Current policy
- Draft CBJ Sustainability Indicators (2008)
- Choosing indicators
- Whitehorse Sustainability Indicators

Effective Community Governance Model

Section G, Item 6.



What was counted was what counted

(Cohen 1982)

Indicators - measures of single areas or issues such as economic, environmental, or social issues.

Sustainability Indicators - Evolved from single issues indicators for measuring multiple areas, are integrative and are generated from stakeholders.

Terms and Definitions

Community Sustainability Indicators

They are distinguishable from simple environmental, economic, or social indicators by the fact that they are *integrative* and *developed with input from multiple stakeholders in the community*

(Maclaren 1996)

Indicators -

An information based decision tool

- Indicators are information and information is intended to inform decisions and decisions are choices among possible actions.
- Indicators are not an end unto themselves. A good indicator project only occurs within a good community improvement process
- Most of us use information to affirm what we already know -- missing the value of information (knowing vs. learning)

Sustainability implies a systems theory as overarching approach

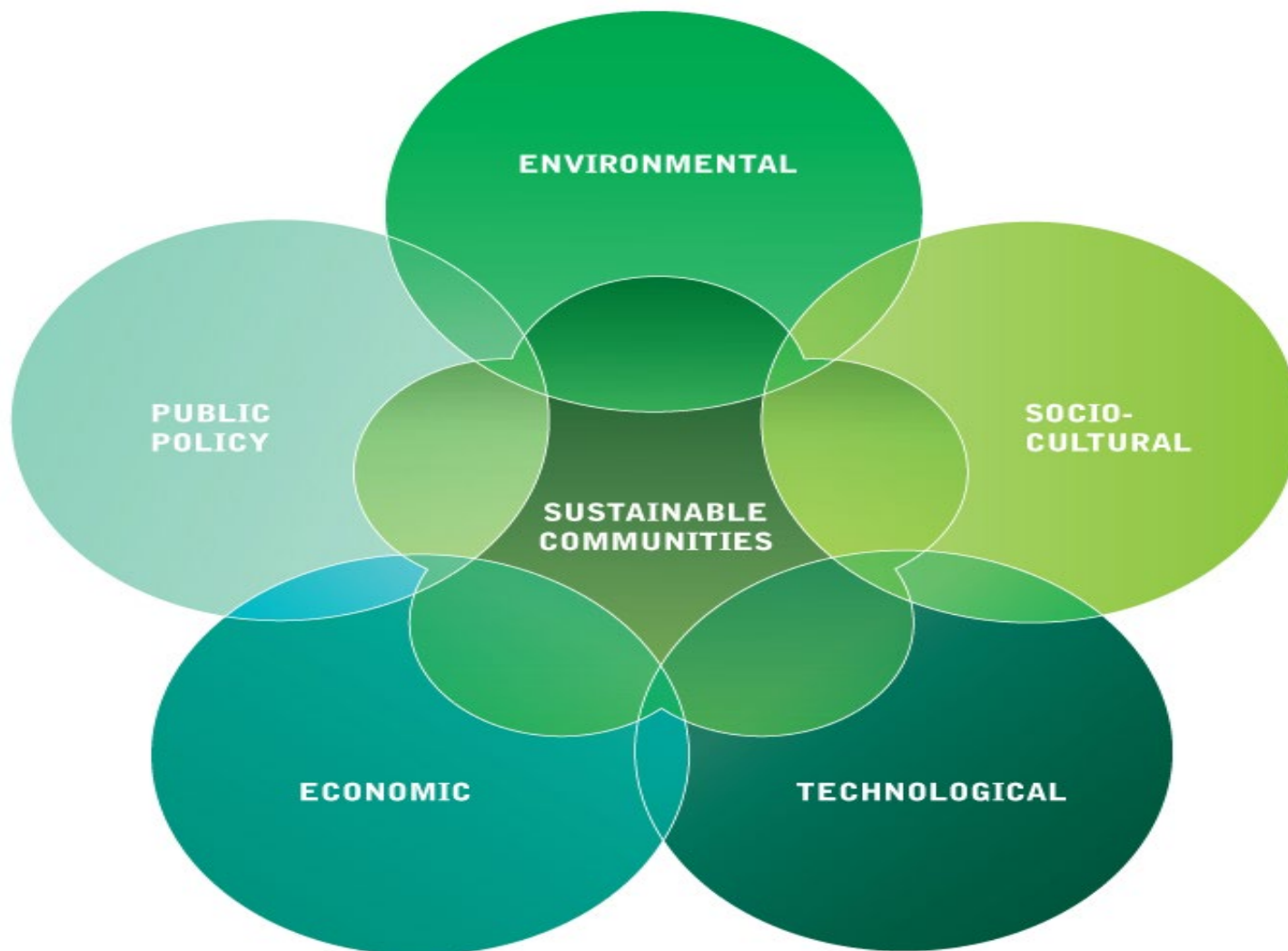
Includes components and interactions that need to be understood (INTERDEPENDENCY)

Slow and fast moving variables

Convenient unit of analysis is a community

Sustainability concept assumes a systems approach and is:

- Contextual, and empirical
 - Long –term
 - Integrative / Interdependent
- It has always been used in an interdisciplinary context



Sustainability Framework & Measurement

Section G, Item 6.

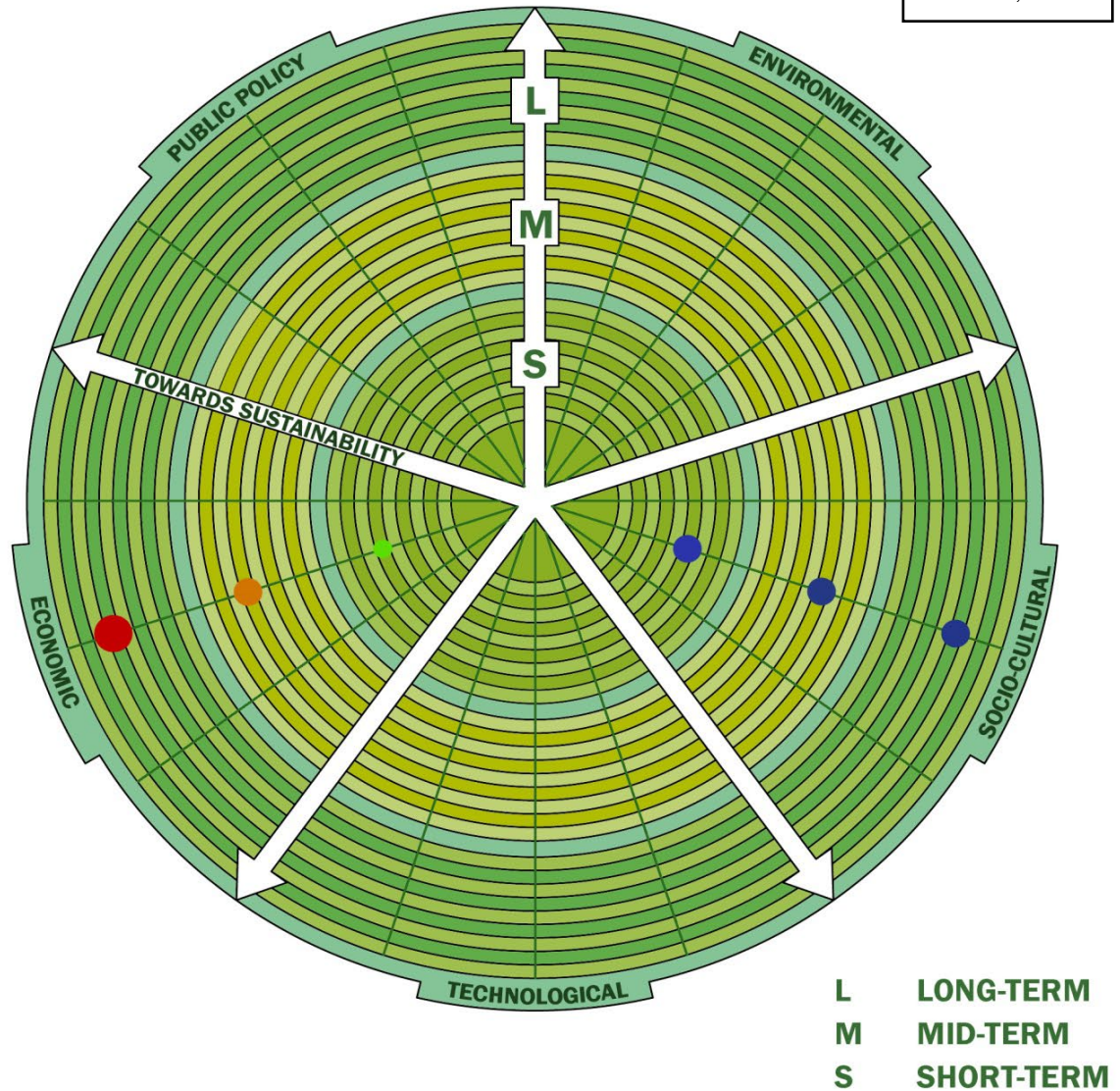
Five domains – Economic, Ecological, Social, Public Policy, Technology

Four Capitals –

- Natural – non-renewable resources
- Built – physical – tools, clothing, shelter
- Human – capacity of individual to accomplish goals
- Social – capacity of people to collectively solve problems

EcoSTEP

Developed as
the primary
graphic tool
used in
Sustainaometric
s based on the
five domain
Theory



Juneau Sustainability activities

Section G, Item 6.

1992

UN Earth
Summit

1994

Comp. Plan
Sustainability
Chapter & draft SIs

- Climate Change report
- Commission on Sustainability
- Res. 2397 – ICLEI
- Member of Cities for Climate Protection Campaign

2007

2008

GHG Inventory
Completed

2010

2012

Climate Action
&
Implementation
Plan

2018

Renewable
Energy
Strategy

- Sustainability fund established
- Comp . Plan updated - directs staff
*to develop, implement, monitor
Sustainability Indicators*

Comprehensive Plan Chp. 2 - Sustainability

POLICY 2.1. To build a sustainable community that endures over generations and is sufficiently far-seeing and flexible to maintain the vital and robust nature of its economic, social, and environmental support systems.

Implementing Actions 2.1 - IA1 Support the CBJ Commission on Sustainability in completing its mission and tasks to:

- A. **Provide ongoing development of sustainability indicators and measures; and,**
- B. Periodically review the indicators and measures to confirm their currency and relevance and to track community trends.

2.1 - IA2 Incorporate the adopted sustainability indicators into the process of scoping, funding, and carrying out all proposed CBJ Capital Improvements including buildings, facilities, equipment, and components.

CBJ Comp plan – 2.2 Sustainability Indicators

Section G, Item 6.

Indicators show how well a system is working. Effective indicators are:

Relevant: they show you something about the system that you need to know;

Easy to understand, even by people who are not expert;

Reliable: you can trust the information that the indicator is providing;

2.2 Comprehensive Plan - Sustainability Indicator

Section G, Item 6.

Indicators show how well a system is working. Effective indicators are:

Relevant: they show you something about the system that you need to know;

Easy to understand, even by people who are not expert;

Reliable: you can trust the information that the indicator is providing; Based on accessible data: the information is available and reported at regular intervals.

-Indicators help a community judge progress towards its long-term goals. Over time, a community will adjust policies, programs, and collective behavior according to the trends that emerge from using indicators.

-Indicators reveal the status of large systems, helping a community focus on long-term planning.

- Developing indicators begins by selecting important, diverse, measurable categories and topics that the community will commit to measure at regular intervals.

- Indicators will be developed by the Juneau Commission on Sustainability and used by appropriate CBJ government agencies and community groups.

<div>Social and Cultural</div>	<ul style="list-style-type: none">• Capacity of pre-school & classroom size• Adult literacy rate• Dropout rate, by ethnicity• Average college entrance scores• Number attending college• Percent population in cultural arts• Homeless housing and support• Child care availability & costs• Emergency services response time• Access to health care• Percent of healthy births & child immunizations• Incidents of crime by type• Number of charitable organizations, volunteer hours, and annual budgets
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Environmental

- Relative sea rise and affected public and private structures
- Noise levels
- Safe water and air quality – number of violations (air and water)
- Scenic corridors for water & mountains
- Scenic corridors to harbors, historic landmarks
- Amount & location of developed coastline
- Number of fish and wildlife species
- Number of dirty water bodies
- Water quality – fresh and marine
- Number of food conditioned bear kills
- Number of acres of altered vegetation, streams, & structures w/in habitat
- Number & miles of publicly accessible trails
- Number & acreage of shoreline parks & accessible boat launch facilities

Section G, Item 6.

Economic

Section G, Item 6.

- Housing for all – vacancy rate by price
- Living wage – estimated household budget
- Percent households without medical benefits
- Percent of households paying more than 50% of gross income on shelter costs
- Job longevity
- City revenue and operating expenses
- Per capita cost of public services
- Per capita debt ratio
- Retain Alaska State Capital in Juneau
- Employment opportunity & diversity
- Private sector capital availability
- Percent of goods produced locally
- Price of nonrenewable fuels
- Academic programs matched to job market

Public

Policy-

Related

- Number of public gathering places downtown and neighborhoods
- Number of neighborhood associations and civic groups
- Percent of population that use public transit
- Streets with formal bike lanes
- Amount of solid waste land filled, reused and recycled material
- Police and firefighters per 1,000 population
- Staff per acre of parks & rec. facilities
- Average density of developed & vacant land within ¼ mile of bus service

Section G, Item 6.

Technology

- Percent of alternative energy consumption (other than liquid fuels)
- Research, application, and education in alternative energy consumption
- Education – alternative energy, conservation, longer term planning, building tech.

Choosing indicators - the Wheat from the Chaff

Section G, Item 6.

Traditional approach is to consider a set of criteria

- Relevance
- Ability to affect change
- Statistical validity
- Availability of data
- Understandable to audience

Choosing indicators - Coming up with the laundry list

Section G, Item 6.

Consider their use (remembering the application of information – what understanding do you want to foster, what decisions do you want to check or what actions do you want to influence)

Consider the mechanism for data gathering



CITY OF WHITEHORSE SUSTAINABILITY PLAN 2015–2050





Jurisdiction

Through planning and development regulation, the City influences new development. City jurisdiction in existing built areas is low.



Approach

Using the strength of the Official Community Plan and zoning process, engage in community dialogue about livability, and what types of infill and redevelopment are appropriate, then apply this to planning and development regulations.

GOAL Strong Downtown and Livable Neighbourhoods

TARGET

Increase livability of all neighbourhoods

2020

Establish criteria and set targets

2030

2050

CITY STRATEGY

- Establish livability criteria and incorporate into planning, development, and monitoring
- Improve transit connections to all neighbourhoods

Increase downtown population density

10%

20%

40%

- Prepare a new Downtown and Marwell Plan
- Mitigate barriers presented by Second Avenue and improve linkages between downtown and waterfront
- Increase downtown commercial vibrancy through zoning, incentives, and innovative revitalization methods

Increase population of downtown and the neighbourhoods closest to downtown (Hillcrest, Takhini, Riverdale)

1%

1%

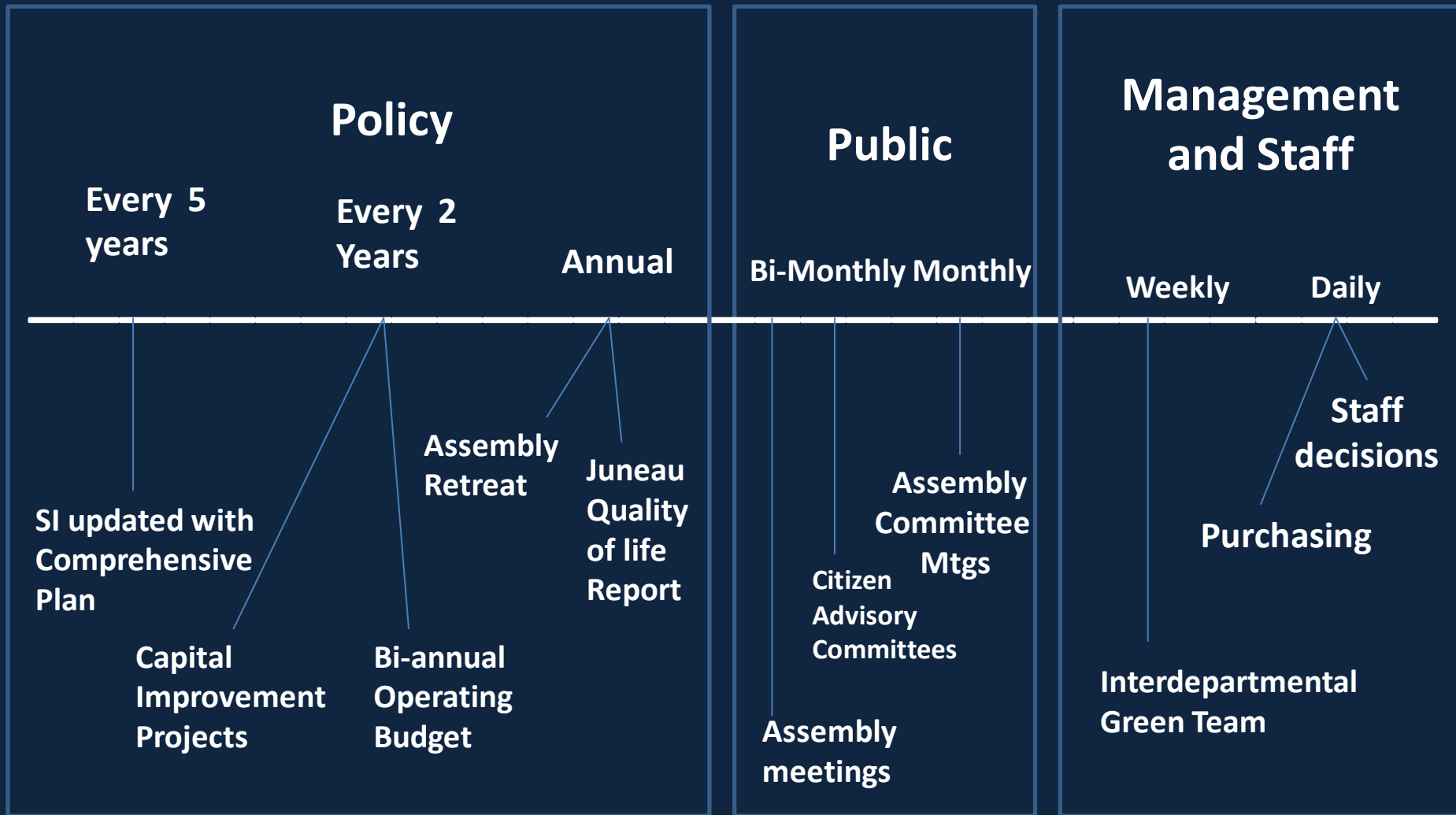
2%

- Improve non-motorized linkages to key neighbourhoods
- Improve transit connections to key neighbourhoods
- Create well-integrated and innovative infill

Focus Group Results

Section G, Item 6.

Continuum of Community Sustainability Indicator Use



Thank you
jim23powell@gmail.com
907-209-5676



Promo checklist for JCOS public events

2023 Outreach subcommittee – Marian Call, Jessie Barker, Duff Mitchell, ex officio member
Gretchen Keiser

Event details confirmed

- Date, time, place confirmed
- “Blurb” approved by all involved parties
- Official web presence for event created (by CBJ or other party)
- Images and required logos approved by all involved parties (if necessary)
- Messaging and messaging limits (relevant “don’t’s”) understood
- Tech and event production responsibilities confirmed

Promotional materials

- Poster and/or flier design
- Press release
- Invitation language for social media & email use

Press promotion

- KTOO newsroom
- KTOO - Juneau afternoon
- KINY
- Juneau Empire
- JAHC Community Calendar entry
- Alaska Public Media (if relevant statewide)
- Anchorage Daily News (if relevant statewide)
- Alaska Beacon (if relevant statewide)

Community outreach

- JCOS Facebook page event created
- JCOS Facebook page x2-4 posts
- Posters to JAHC for distribution (if necessary) - 2 weeks ahead
- Key stakeholders identified
- Key stakeholders invited
- Outreach to other sustainability groups
- Business community outreach
- University outreach