



Idaho EcosySTEM Convening

Structure, Governance,
and Leadership





Welcome back

Pixel graphic game

ICEBREAKER: “What Am I?” Game

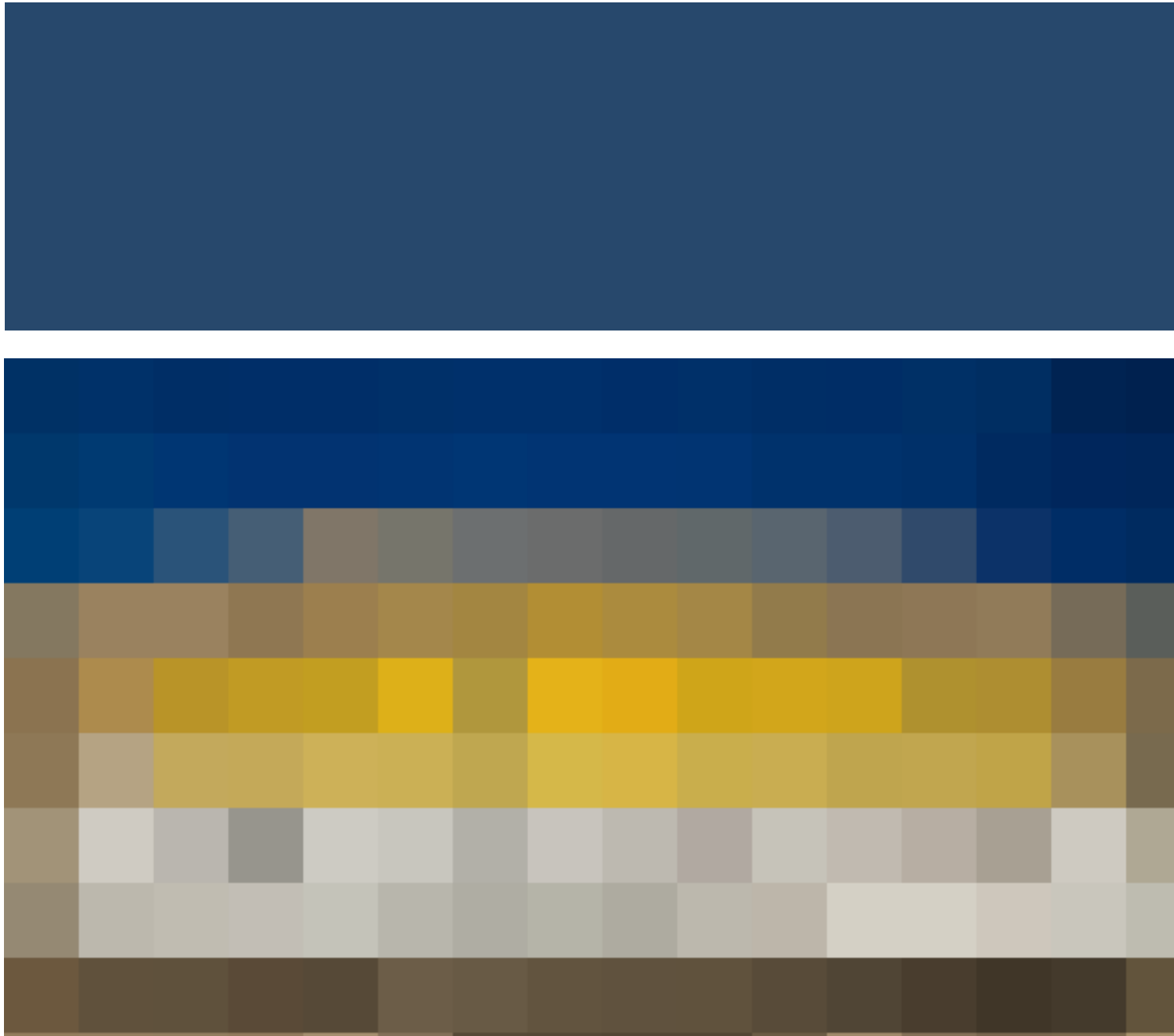
We will show you a series of images

After the 1st image, we will provide a clue after each corresponding image until someone guesses correctly

The first person to guess the image correctly will win!

You must submit your answer through the chat (make sure “everyone” is selected)

Only one answer per person...so choose your answer carefully



This city is located in
Butte County with a
2019 population of
around 775.



It is the county seat
and located along on
the Big Lost River.

It was the first community in the world ever to be lit by electricity generated solely by nuclear power.





ARCO IDAHO

**FIRST CITY IN THE WORLD
TO BE LIT BY ATOMIC POWER**
ELEVATION 5320

This
meeting is
being
recorded

- This convening is being recorded to provide reference data to develop the Idaho STEM Ecosystem.
- This recording will be kept on STEM AC's internal servers.
- Public chats will be copied for note-taking purposes.
- Notes and presentations will be posted to the Ecosystem website shortly after the meeting.





Onsite Technical Support During Meetings

Technical support: Support moderators will be on hand during the meetings and can be accessed through the chat feature. Look for the moderators with “Zoom Support” in their name.

For more information regarding this event please visit the [STEM Ecosystem website](#)

Share your thoughts & ideas through out the meeting on the Padlet!



<https://padlet.com/crispingravatt/8qmu4yjwqmht1qzf>



EcosySTEM Leadership Group

Sharon Cates

*Science/STEM/ISAS
Coordinator*
Idaho State Department of
Education (SDE)
Region 3 - Statewide



Chris Guthrie

*Director of STEM and Industry
Relations*
Idaho State University
Foundation Inc.
Region 5



John Cassleman

*Associate Program Manager
(K-12 Ed. Outreach)*
Schweitzer Engineering
Laboratories
Region 2



Kaitlin Maguire

Interim Executive Director
Idaho STEM Action Center
Region 3 – Statewide



Lisa Lalliss-Skogsberg

*Regional Director, Idaho
FIRST*
Region 3 – Statewide





Sonia Martinez
*STEM Diversity and Outreach
Coordinator*
Idaho State University
Region 4



Kellie Taylor
1st-3rd Grades Gifted Teacher
Cynthia Mann Elementary
School – Boise School District
Region 3



Glenn Pfautsch
*Associate Dean, School of
Computer Science*
Stevens Henager College
Region 3



Sarah Penney
Program Manager
Idaho NSF EPSCoR –
University of Idaho
Region 2 - Statewide



Kay Seven
Career Center Director
Nez Perce Tribe
Region 2

EcosySTEM Leadership Group



Governance Proposal



Proposal: Oct 30

Efforts are split between statewide and regional hub ecosystem development. STEM AC, as the backbone organization, facilitates topical groups focused on strategic direction. An Executive Committee, comprised of ecosystem members, leads statewide ecosystem efforts and directs resources based on information from topical and ad hoc committees. The Advisory Board steers statewide strategic direction, and crafts long-term goals for ecosystem work. General Membership participates in regional and local efforts related to STEM work, including topical discussions, collaborative initiatives, and programming.

Pros: General members can focus on their regional and local work, with support from statewide groups,

Cons: Potential disconnect between regional and statewide efforts



Regional Hub/Spoke/Gear

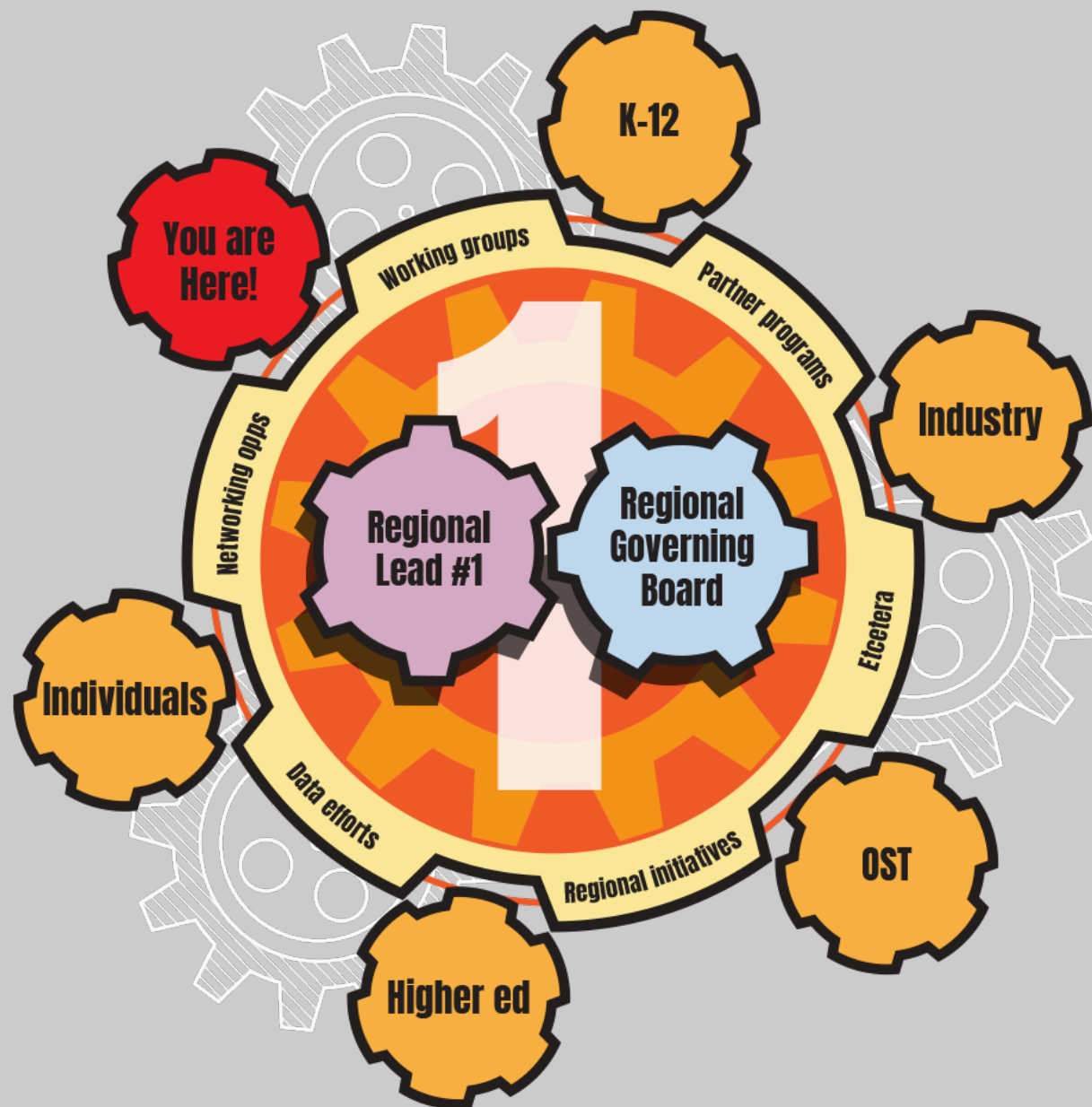
Regional level; nonprofit model

Regional lead: Full-time paid point person to coordinate activities for regional hub

Regional Governing Board: Members offering strategic advice, additional decision-making, and other coordination efforts

Teeth: Activities/efforts related to building regional ecosystem

Small gears: "You are here!"- members of the regional ecosystem (on-the ground service providers; "Why we're here!")



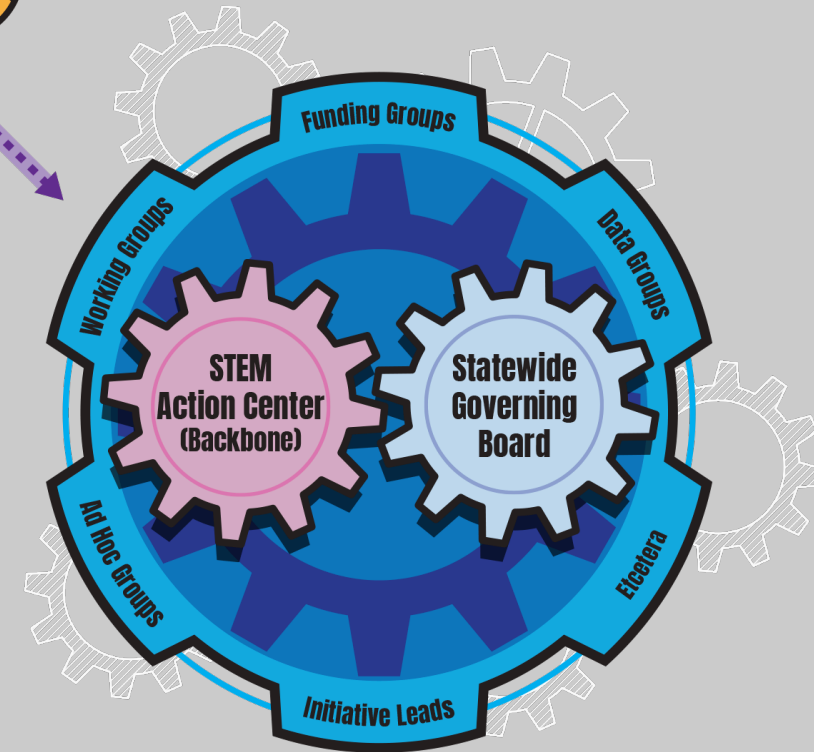
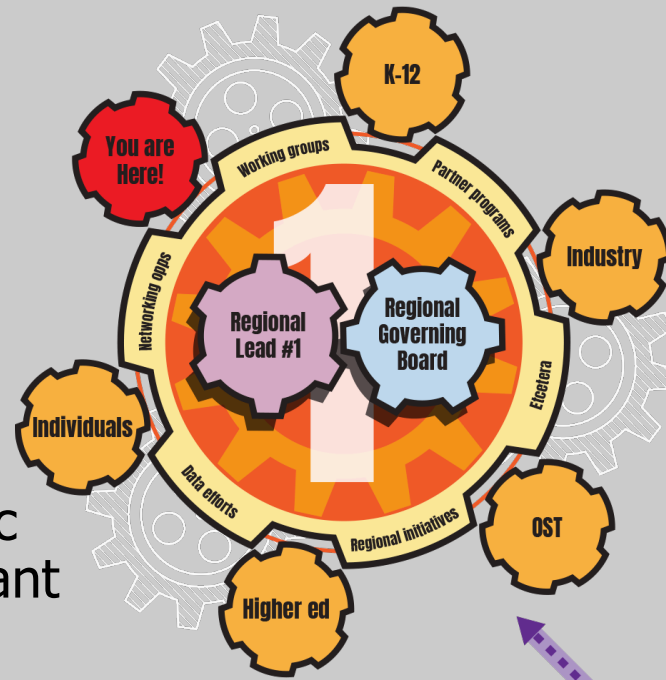
Statewide Hub/Spoke/Gear

State level; nonprofit model

Backbone: STEM AC serves to align strategic direction, gather, interpret, & distribute relevant data, support infrastructure, etc.

Statewide Governing Board: Members offering strategic advice, additional decision-making, and other coordination efforts

Teeth: Activities/efforts related to building state ecosystem



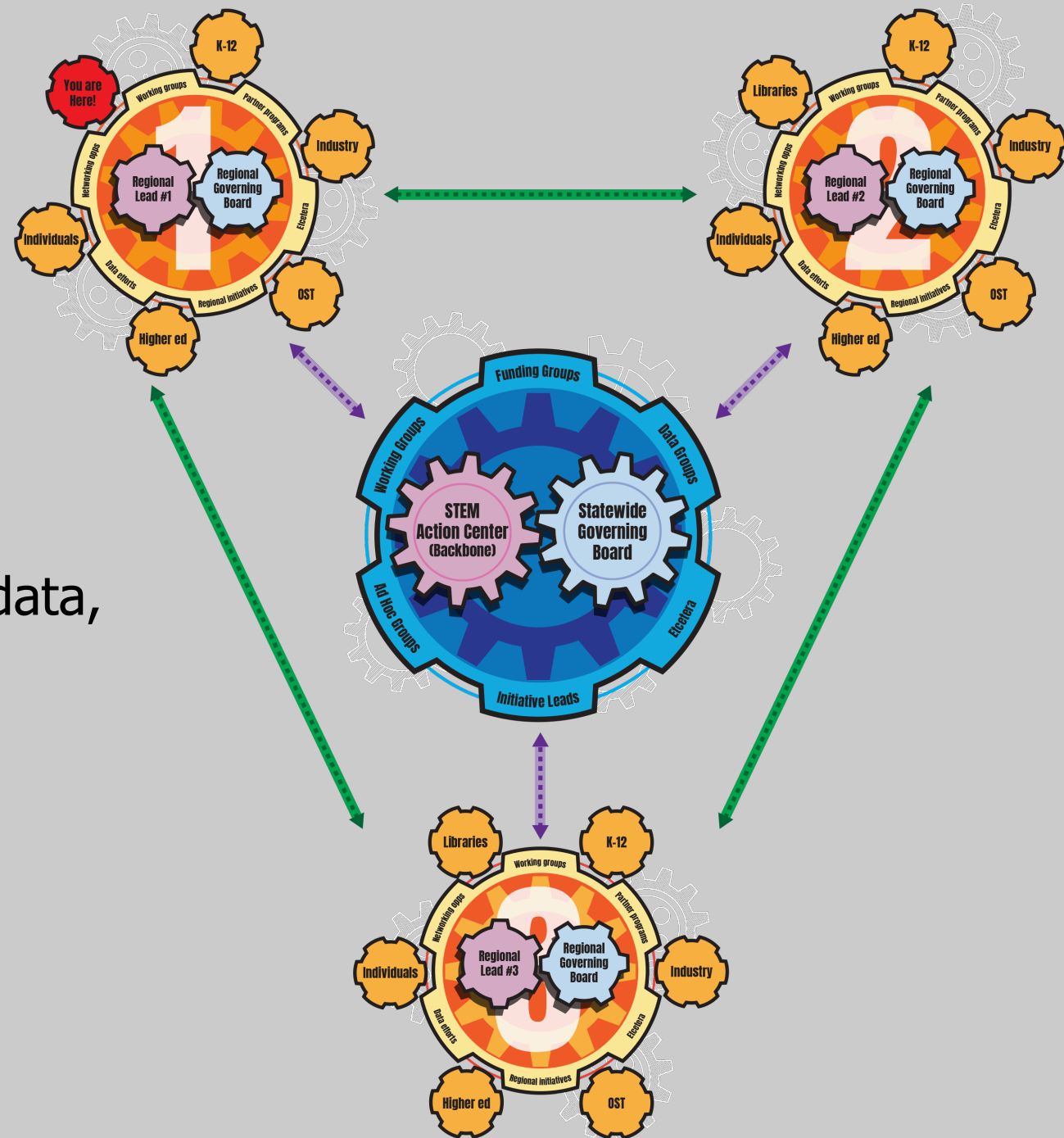
Zooming Out

3 regions (arbitrary number)

Region-to-region relationship: Focus on programs & partnerships

State-and-region relationship: Focus on data, funding, strategy, & infrastructure

Who does what?



Breakout Group Discussions





Breakout Group- First Impressions

Where do you see yourself in this structure?

What immediately stands out about this proposed EcosySTEM structure?

What are the benefits & concerns you initially have related to your participation in the EcosySTEM?





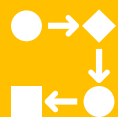
Breakout Group Questions



How would this model help improve the experience of a student participating in a STEM program? How would it get in the way?



What would help you play your role in the STEM pipeline? Does this structure make it easier or more difficult to play your role?



How well does this structure work for educators? Industry? Out-of-school orgs? Others?



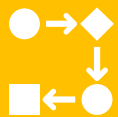
Breakout Group Questions



What are your biggest concerns about the regional structure? Statewide?



How do working groups fit into the statewide hub? Regions?



How would you like to see your region interact with the EcosySTEM? How do working group efforts and regional work intersect? How does STEM AC support this work, as well as connect with regional/topical work?



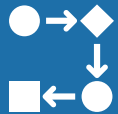
Extra Breakout Group Questions



How might funding and similar support be provided to your regions? // What is the current state of fundraising for STEM programming in your community? Does this proposed structure make it easier or more difficult to fundraise?



How would you like to see networking opportunities supported in your region (i.e. what would be most effective for you)? Does this structure work for these preferences?



What would be an effective relationship between regional hubs?



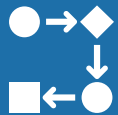
Extra Breakout Group Questions



What would effective communication look like between your working group and/or region and the leadership team? How often do you want to communicate and using what methods?



What things does your working group and/or region need and how might those things be provided? How does your working group and/or region give back to the larger ecosystem?



Other thoughts, questions, or ideas?



Full Group Debrief

Caliper Survey



Please complete asap

<https://www.surveymonkey.com/r/9J385B5>



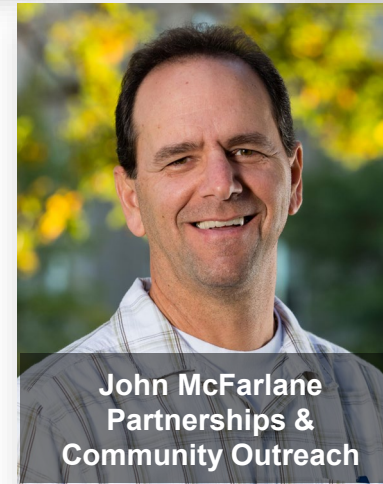
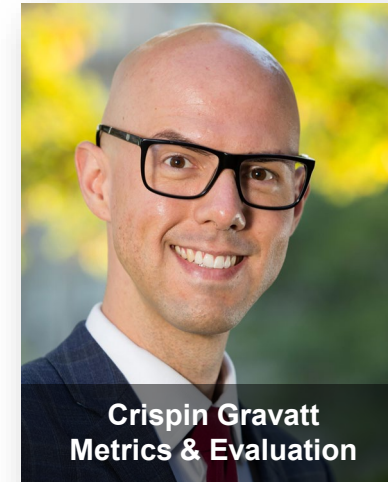
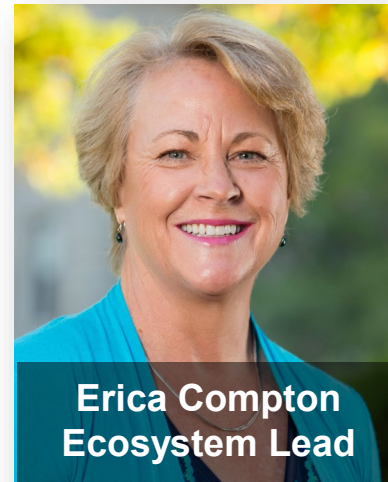
Next Convening:

October 15, 2021

Save the date!



STEM AC Ecosystem Support Team



A STEM ecosystem provides the structure for cross-sector partnerships to improve STEM literacy, ensuring a strong workforce and global competitiveness for all.



Wrap Up & Shift to Topical Happy Hour

- Thanks for attending our Spring Idaho EcosySTEM Convening
- Hope to see you at the Topical Happy Hour!

