

Agenda

- Revisit Advisory Panel role and purpose
- Project evaluation criteria
- Working group structure and topics
- Informational webinars
- AP Meeting Schedule
- Prep for joint meeting with executives

Our Promises to You

Based on the City of Boulder's Engagement Framework

Informed

- We will keep you informed about key Partnership activities and progress.

Consulted

- We will actively seek your input on drafts and proposals.
- We will listen carefully to your concerns and aspirations to inform our thinking and decision making.

Involved

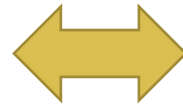
- We will work to ensure that your concerns and aspirations are reflected in plans and projects.
- We will share feedback on how your input influenced decisions.

Involved, Consulted & Informed

Boulder-Xcel Projects

(AP Informed)

- 120% Rule
- Chautauqua
- Undergrounding



AP Consulted/ Involved Efforts

- Microgrids
- Demonstrations
- Strategy for electrification
- Customer programs

Scope and Work of the AP

AP will provide perspective and recommendations for initial recommendations and complex projects AND will be informed on additional initiatives by the City and Xcel.

Initial Recommendations

- Items that require staff time, but relatively low capital
- Likely focus on communication & awareness
 - e.g., review income-based programs, workforce development

Complex Projects

- Longer lead time
- May require significant capital investments
- May require regulatory or legislative changes
 - e.g., vehicle to grid program, neighborhood microgrid

Information Flows

Working Groups

In-depth work to develop recommendations to share with AP

Information Flows

Advisory Panel

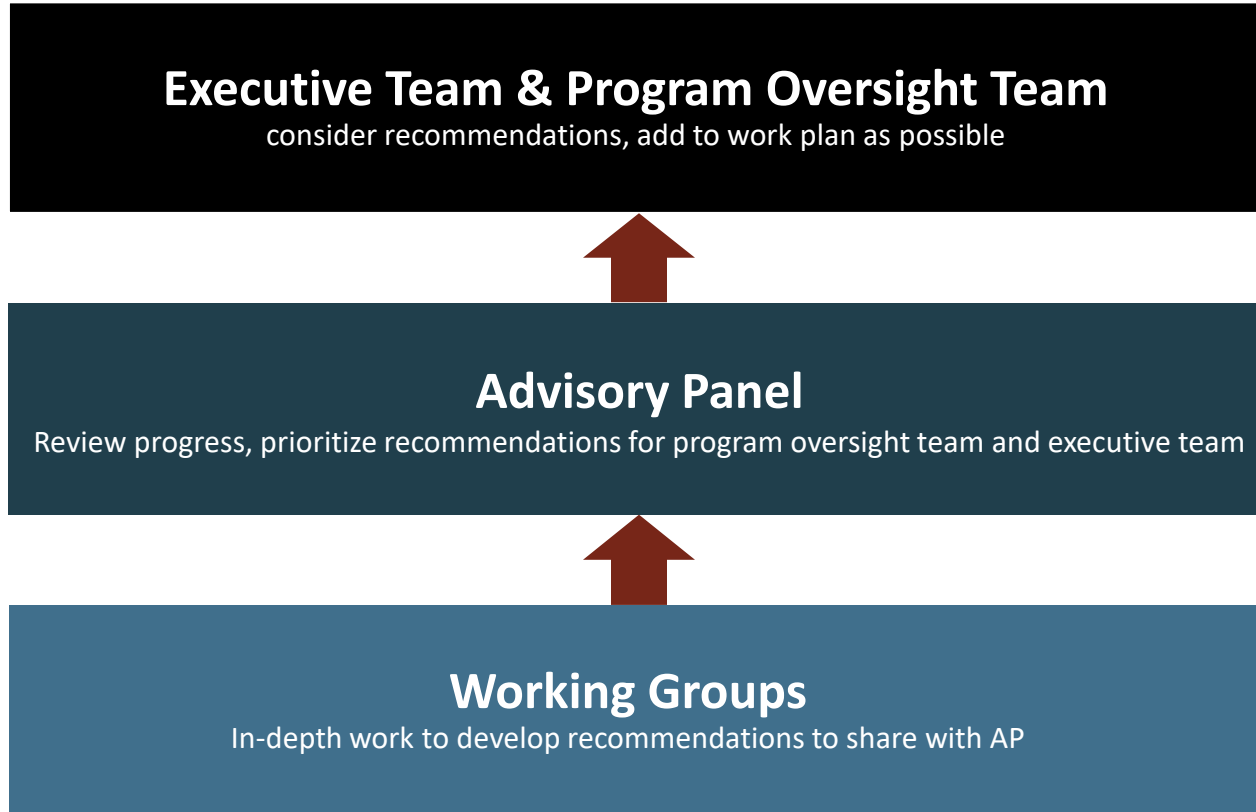
Review progress, prioritize recommendations for program oversight team and executive team



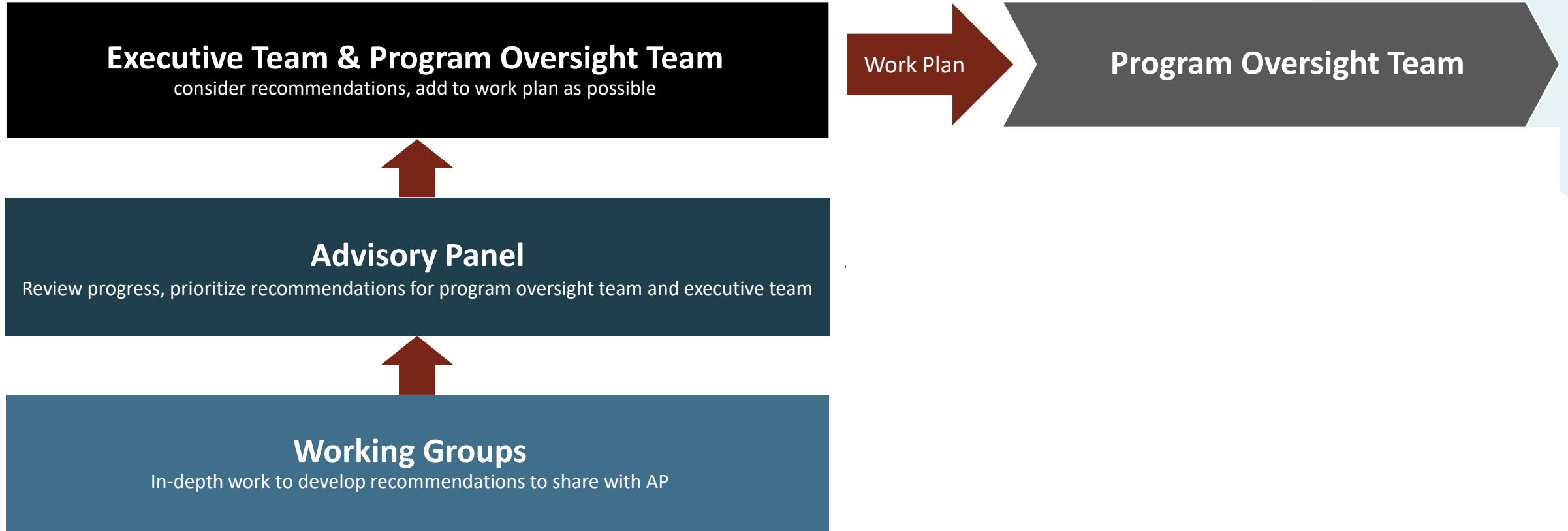
Working Groups

In-depth work to develop recommendations to share with AP

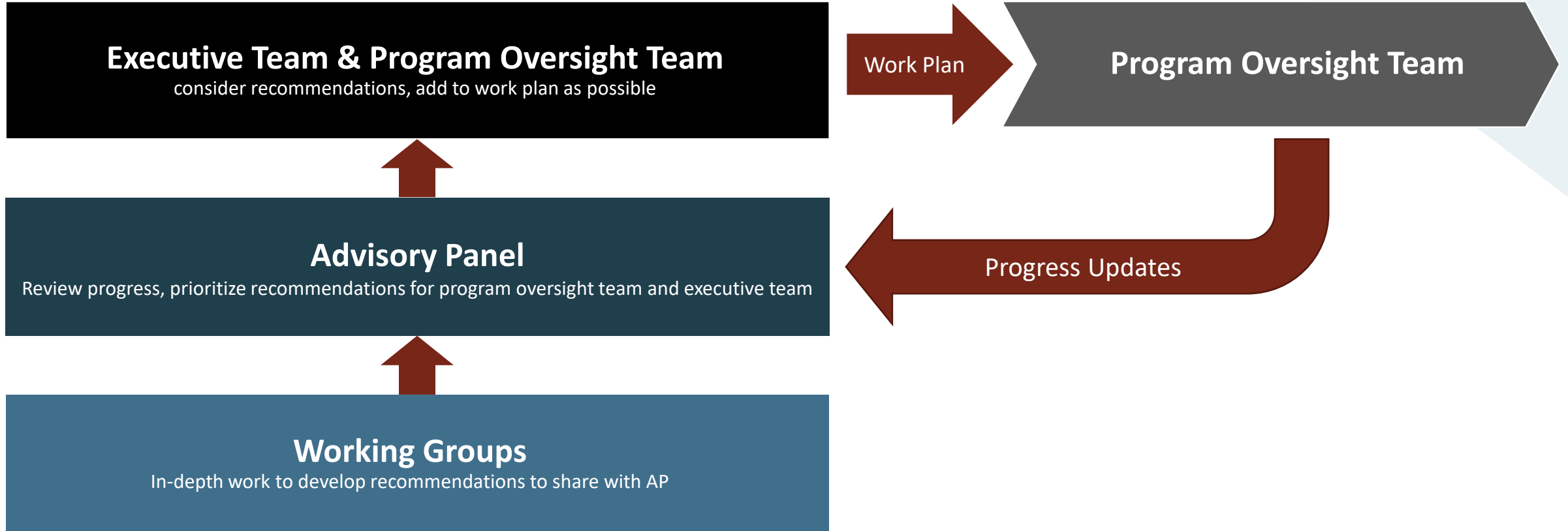
Information Flows



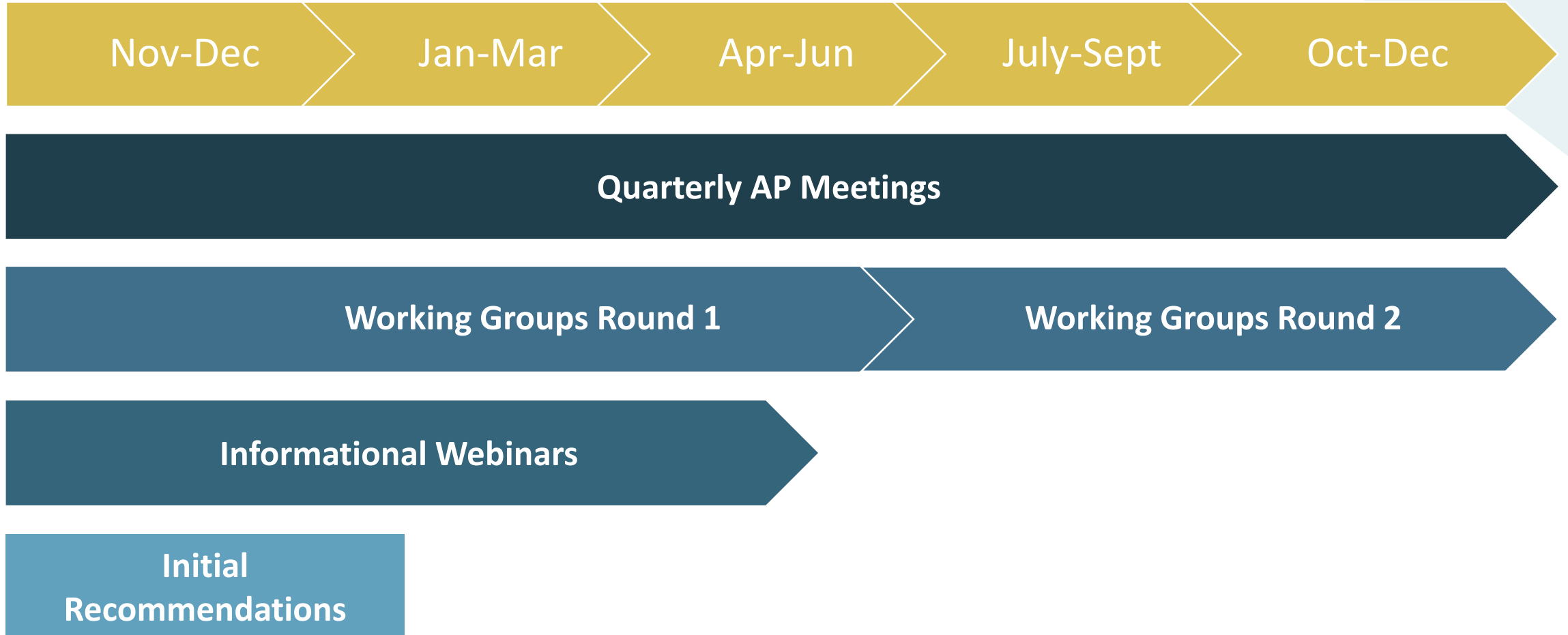
Information Flows



Information Flows



Structure & Work Plan

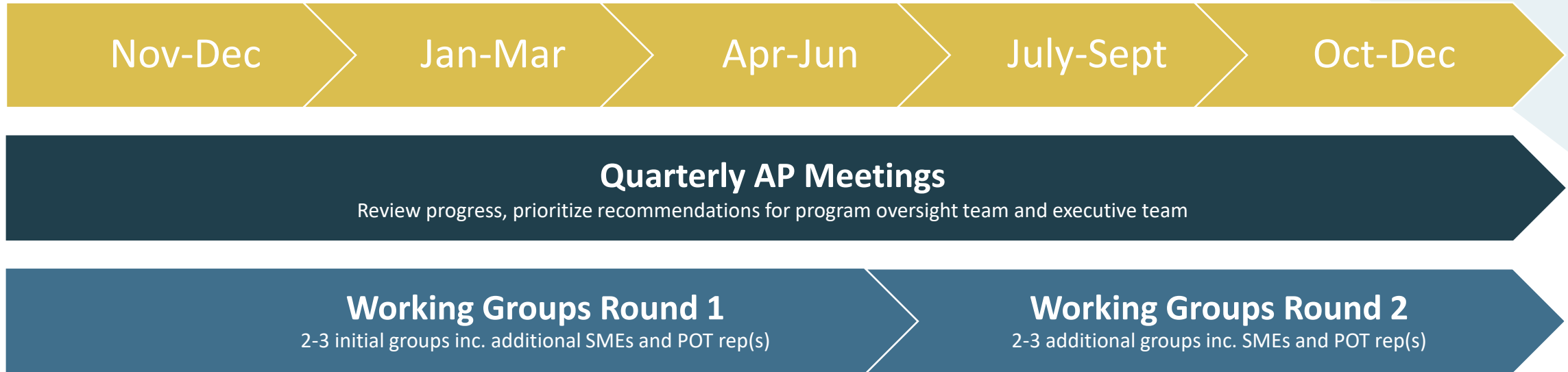


Structure & Work Plan



- Quarterly Advisory Panel Meetings will focus making recommendations on strategies and priority projects for the project oversight team. They will also include partnership updates.

Structure & Work Plan



- Working groups take on specific in-depth topics for the purpose of identifying and prioritizing recommendations.
- Recommendations from each working group will be shared at quarterly advisory panel meetings.
- Some recommendations may be integrated into partnership activities immediately.
- Participation in working groups is optional based on interest and availability of AP members.

Working Group Example

- 1) Example Topic: Innovation Ideas
- 2) Baseline of what is already happening at City and Xcel
 - Microgrids and district energy
 - Advanced storage technologies
 - Hydrogen
- 3) Working Group shares additional ideas
- 4) Evaluation of impacts and benefits of ideas
- 5) Prioritize recommendations
- 6) Share outcomes with Advisory Panel
- 7) Advance ideas through partnership

Overall Evaluation Criteria

- **Closing gap on goals**
 - 100% renewable
 - GHG reductions
 - Local generation
 - Energy Equity
- **Risk**
 - Cost / benefit analysis
 - Feasibility (e.g., barriers, technology, regulation/legislation, financial)
 - Community impact
- **Realizing Opportunities of Partnership**
 - Benefit beyond community boundaries (e.g., scalable, replicable, systems change)
 - Impacts beyond what either entity could realize on their own
- **Other**
 - Focus/Topic specific criteria

Survey Results – Priorities

	Highest	Medium	Lowest
100% Renewable Electricity	10	4	1
Building Electrification	6	8	1
Transportation Electrification	3	10	2
Innovative Technologies	2	6	6
Customer Programs	1	9	5

Survey Results – Participation Interest

	Interest
100% Renewable Electricity	4
Building Electrification	4
Transportation Electrification	2
Innovative Technologies	1
Customer Programs	3

Survey Results –Topic Interest

Building Electrification – Commercial (9)	Electric Vehicle Adoption (4)
Building Electrification – Residential (7)	Electric Vehicle Charging Infrastructure (4)
Energy Efficiency Programs (7)	Heat Pump Adoption (4)
Making Solar More Accessible for Low-income, Renters, Condos (7)	Microgrids (3)
Smart Technologies (6)	School Bus Electrification (3)
Community Resilience (5)	Consumer Education (2)
Increasing Solar Adoption (5)	Hydrogen (1)
Solar Gardens (5)	Other: Real-time Electric Power Usage and Reporting (1)
Whole Neighborhood/Campus Electrification (5)	Other: Roadmap to 100% Clean Electricity by 2030 with annual compliance audits (1)
Battery Storage (4)	

Working Groups

- **Topics from Survey – Based on Priority**

- 100% Renewable Electricity - local solar and storage, closing the gap, new programs and solutions
- Building Electrification – residential and commercial

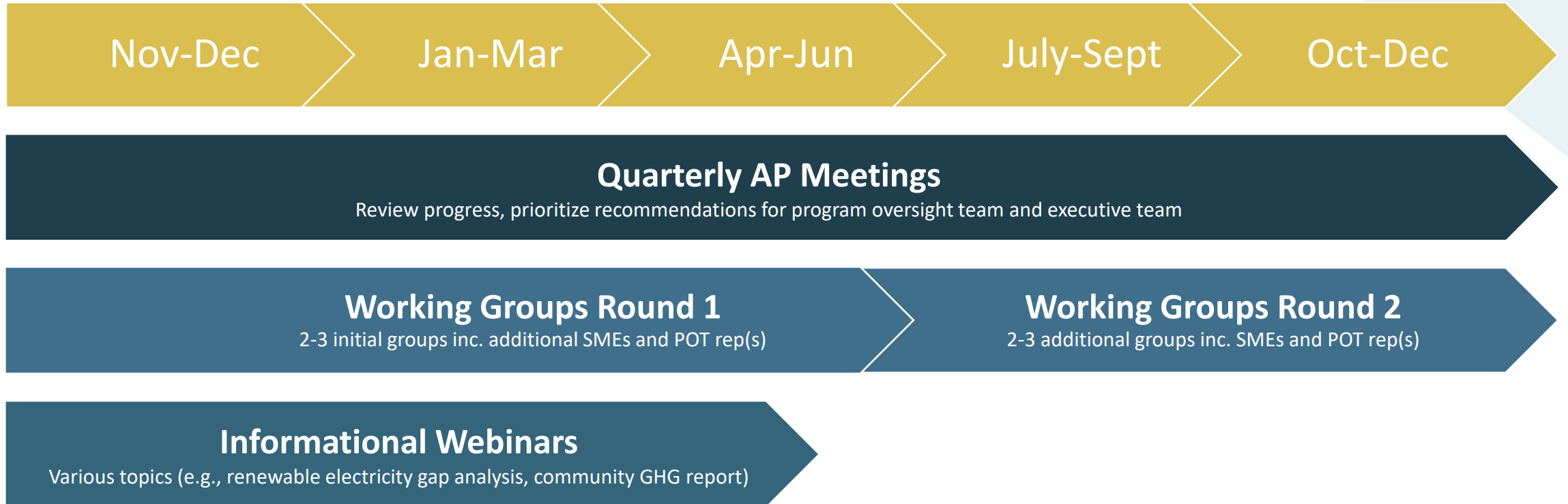
- **Topics from Survey – Based on Participation Interest**

- 100% Renewable Electricity - local solar and storage, closing the gap, new programs and solutions
- Building Electrification – residential and commercial
- Customer Programs – process efficiency, equity, new programs

Advisory Panel Working Groups - Discussion

- **Confirm initial set of Working Groups**
- **Who wants to participate in which groups / meetings?**
 - Identify working group members
 - Identify person to help report back to AP from each Working Group

Structure & Work Plan



- The City and Xcel will provide informational webinars on select topics to help build awareness of current efforts.
- Participation is encouraged, as time and interest permit.

Webinar Topics – What We Heard from You

- Updates on 100% Renewable Electricity Plans – Planned for December (exact date TBA)
- Xcel's broader initiatives that align with project themes
- Transit electrification
- Community energy resilience
- Grant/funding opportunities
- Customer programs/incentives
- Rates
- How to collect and apply data to apply city criteria for project selection

Structure & Work Plan



Joint Meeting Agenda & Prep

- **Introductions** - 1-2m/pp – 30-40m
 - What led you to the panel?
 - Your key idea to share
- **Executive Overview** - partnership and upcoming work – 10-15m
- **AP Working Groups & Activities** – 10m
- **Q & A with executive team** – 45-50m
 - Questions from surveys
 - Open forum

Preliminary Questions for Executive Team

Role of the Panel

- What is the priority for you and this group? What do you want us to do? How can the Advisory Panel most help?
- Are we initiating and leading projects or just giving community feedback on what's already moving forward?
- Are we providing feedback on questions that the executive committee has? Is there a budget we are providing input to regarding priorities? Are we supposed to be generating new ideas? Something else?
- Is anything we do or say going to make a difference for project selection?

Climate and Renewable Energy Targets

- What is being done to ensure that Boulder meets its goal of getting 100% of its electricity from renewable sources by 2030? When will concrete plans for 100% renewable electricity be available?
- What are the most challenging gaps in meeting your climate goals?

Partnership Governance & Priorities

- What do you see as the priority for you and your respective stakeholders?
- What are your priorities for areas the partnership agreement should address?
- What's your skin in this effort?
- How do you intend to overcome roadblocks and disagreements that arise in a way to not slow or halt progress?
- Does the executive team have criteria at this point for whether or not to exit the partnership in 2026?

Meeting Schedule

- Joint meeting Dec. 1, 5 to 7 p.m.
- 2022 Advisory Panel Quarterly Meetings
 - Second Monday of Month, 6 to 7:30 p.m.
 - Jan. 10
 - April 11
 - July 12
 - Oct. 10