
Partners in Energy

Louisville

Decarbonization Planning

Workshop 4

December 12, 2023



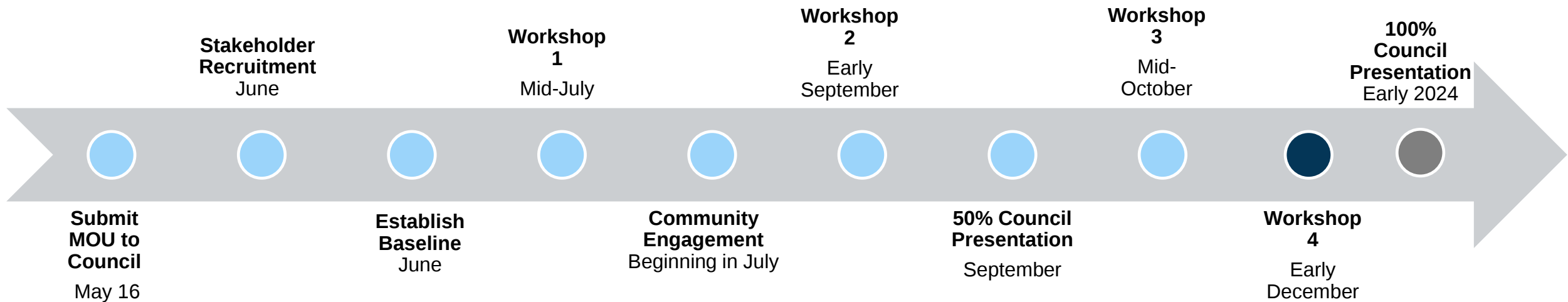
AGENDA

Time	Agenda Item
12:30 – 12:40 pm	Workshop 4 Grounding
12:40 – 1:50 pm	Finish Strategy Action Planning
1:50 – 2:25 pm	Funding, Financing, and Additional Support
2:25 – 2:30 pm	Wrap Up & Next Steps

Workshop 4 Objectives:

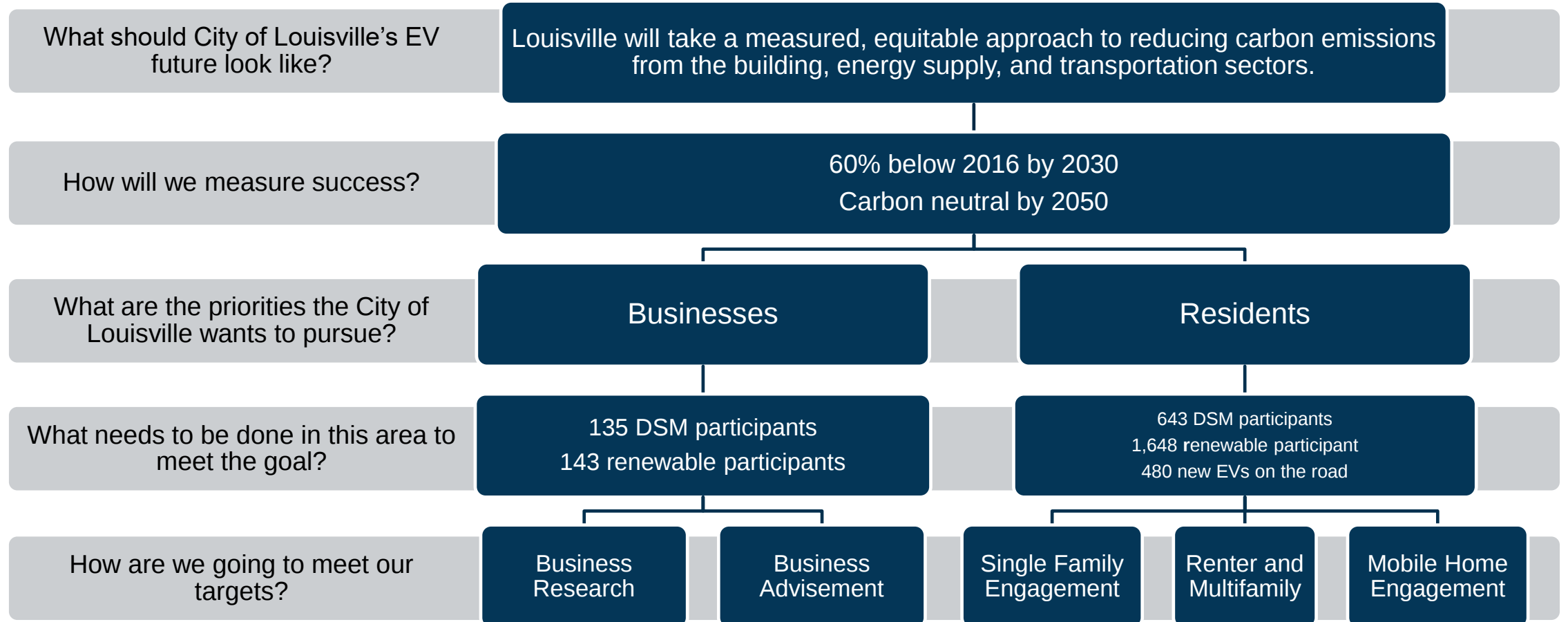
- Finalize details for each strategy in the plan
- Identify funding/financing needs for residents and businesses

PLANNING TIMELINE



- Completed
- Current Stage
- Next Steps

PLAN FRAMEWORK



ACTIVITY: STRATEGY ACTION PLANNING

1. Split into two even groups
2. Group 1 start at the **residential** station, Group 2 start at **business** station
 1. Review the strategy overview posters and
 - a) Mark scope elements you support with a **green** dot
 - b) Mark scope elements that need more clarification with a **red** dot
 - a) Respond to the corresponding questions for each strategy
 - a) If you like someone's response, mark with a **green** dot
 - b) If you are unsure of someone's response, mark with a **red** dot
3. Switch stations and repeat the activity
4. Reconvene for full team discussion

Activity	Time
Round 1	20 min
Round 2	20 min
Full Team Discussion	20 min



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UNDERSTANDING THE FUNDING LANDSCAPE

COMMERCIAL FUNDING EXAMPLE



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Efficiency Project

- Project: lighting replacement with LEDs
- Upfront cost: \$81,000
- Rebates: \$22,400 (Xcel Energy)
- ROI: 5.1 years
- Financing: 5-year term
- Cash Flow: \$147 net positive

RESIDENTIAL FUNDING EXAMPLE

Heat Pump Replacement

- Project: residential cold climate heat pump
- Upfront cost: \$16,000
- Rebates: \$8,600 (PACE, Xcel Energy, Costco, Boulder County, State Tax Credit, Federal Tax Credit)
- ROI: Unknown
- Financing: None



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FINANCING DISCUSSION

What's Available?

- Existing financial resources
 - Tax incentives
 - Rebates and promotions
- Existing advising resources
 - Xcel Energy residential assessments
 - Xcel Energy business assessments
 - PACE residential rebate advisement
 - PACE business rebate advisement
 - PACE electrification feasibility studies

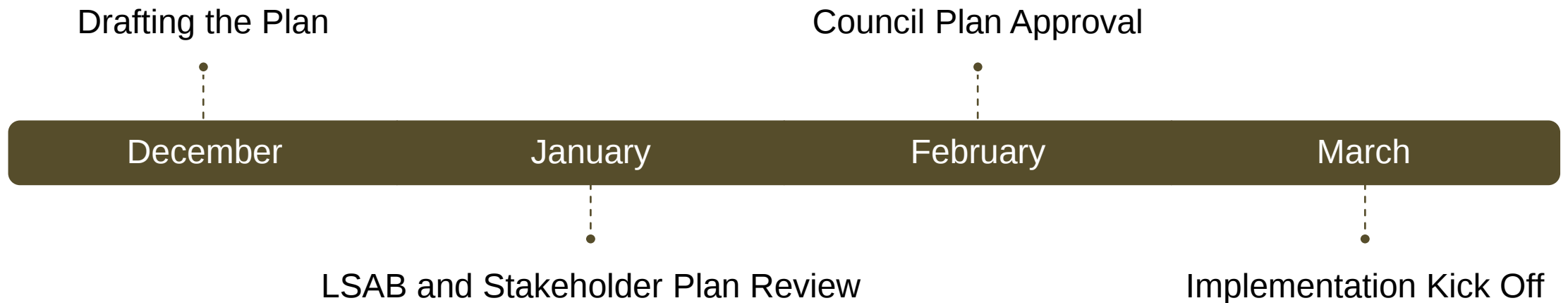
What's Needed?

- Businesses
 - ...
- Residents
 - ...



WRAP UP AND NEXT STEPS

NEXT STEPS





PARTNERS IN ENERGY
An Xcel Energy Community Collaboration