



Arizona Statewide Transportation Electrification Plan, Phase II

Workshop 1

August 11, 2020

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In partnership with APS and TEP

AGENDA

WELCOME

BACKGROUND AND WHAT'S TO COME

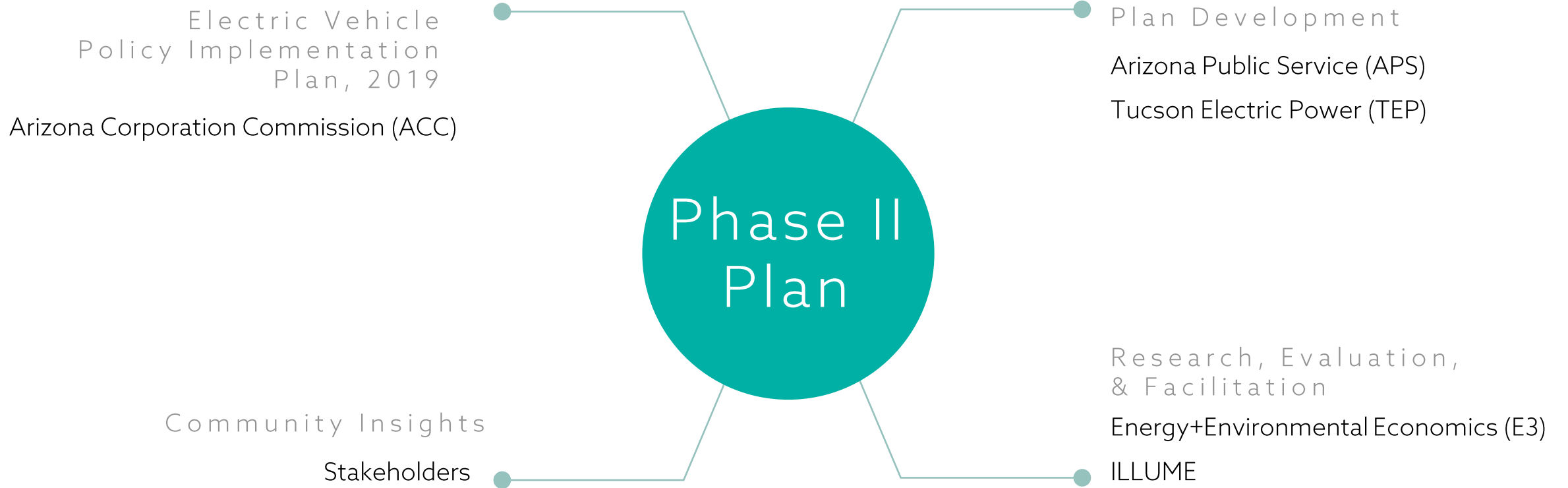
INTRODUCTION TO WORKING GROUPS

WORKING GROUP BREAKOUTS

WRAP UP

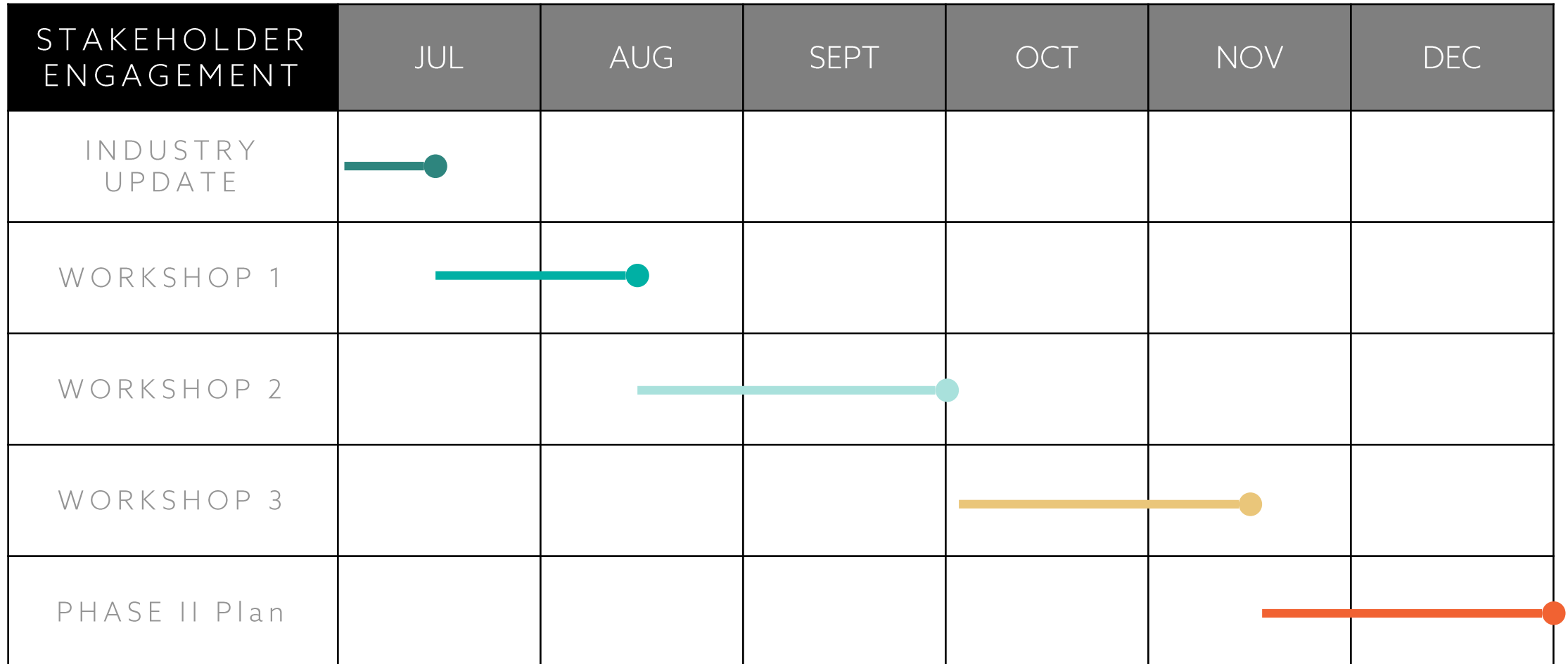
BACKGROUND

Plan Drivers



WHAT'S TO COME

Project Timeline





Arizona Statewide Transportation Electrification Plan

ILLUME

Electric vehicle (EV) technology has progressed dramatically in recent years and is beginning to create changes to our conventional transportation system. Transportation electrification (TE) can provide significant benefits to EV purchasers and utility customers generally, improves air quality, and aids in the growth of the Arizona economy. To unlock this value, Arizona's electric utilities along with regulatory agencies, policymakers, automakers, third-party charging service providers, and other stakeholders must work together to support EV adoption while also integrating this new load into the existing electricity system.



Arizona's Statewide Transportation Electrification Plan is intended to provide a roadmap for TE in our state, focused on realizing the associated air quality and economic development benefits for all residents along with understanding the impact of EV charging on the grid. In 2020, Arizona utilities – Arizona Public Service (APS), Tucson Electric Power (TEP), Salt River Project (SRP) – and other stakeholders will discuss proposed TE programs and initiatives with the ultimate goal of drafting a plan to implement TE in Arizona.

[BACKGROUND](#) [INDUSTRY UPDATE](#) [WORKSHOP 1](#) [WORKSHOP 2](#) [WORKSHOP 3](#) [STAKEHOLDER WORKING GROUPS](#)

Stay Informed

[ILLUMEadvising.com/azte](https://illumeadvising.com/azte)

The Arizona Statewide Transportation Electrification Plan microsite is the **place to look** for the **latest news** and **upcoming events**.

INTRODUCTION
TO
WORKING GROUPS

Working Group Objective

**Crowdsource input and feedback
into the Phase II Transportation
Electrification Plan.**



Working Group Focus Areas

1. EV Infrastructure
2. Equity
3. Programs and Partnerships
4. Goods Movement and Transit
5. Vehicle Grid Integration

EV INFRASTRUCTURE

EV Infrastructure includes grid resilience, ownership of infrastructure, building codes, network optimization, and installing make readys.

EQUITY

Equity includes effects on underserved communities, highway tax revenue, and Light Duty plug-in electric vehicle (PEV) availability.

Programs and Partnerships includes identifying barriers and programs that address them (e.g., utility programs, state programs, national programs, pilot programs).

GOODS MOVEMENT
&
TRANSIT

Goods Movement and Transit including electric vehicle (EV) infrastructure, fleet charging, Medium and Heavy Duty plug-in vehicle (PEV) availability.

VEHICLE GRID
INTEGRATION

Vehicle Grid Integration including grid resilience, demand response, and managed charging.

Working Group Nuts & Bolts

EXPECTATIONS

This is a **volunteer** activity; engage at a level comfortable to you.

Those who volunteer as working group leaders should plan to **commit to the entire process**.

You can still attend workshops even if you don't actively participate in working groups.

ACTIVITIES

1 **Gather inputs** (published reports, recent data, first-hand experiences, etc.)

2 Meet with working group members to discuss inputs and **determine key takeaways**

3 **Submit feedback** for utilities to consider in their planning

How will *you* engage?

LEADER - ACTIVE PARTICIPANT - OBSERVER

How to Submit Feedback

Submit feedback through SharePoint by filling out the online [Feedback Submission Form](#).

Arizona Statewide Transportation Electrification Phase II Stakeholder Feedback Form

PURPOSE

This document is a tool to help stakeholder working groups to organize and describe their feedback to include comments, considerations, questions, or areas of concern.

INSTRUCTIONS

Working groups who want to submit feedback should submit one form per group, per major topic, study, or external input that the group would like to have considered (such as published reports, recent data, first-hand experiences, etc). General feedback can be submitted as a single form. All submitted feedback forms should reflect the top takeaways from your working groups. It is up to the working groups to determine what takeaways are most important to submit.

The more succinct your feedback is, the easier it will be to consider. Please do not submit raw working group notes.

* Required

1. What is the name of the file or the topic area you are addressing? *

Enter your answer

2. What is the date of the document or files you are referencing (if any)? *

Enter your answer

3. What is the name of your working group? *

Enter your answer

4. Thinking about the organization(s) and/or communities your working group represents, what is the relevance of this topic and/or content to transportation electrification? *

Enter your answer

How to Use SharePoint

<https://illumeadvisors.sharepoint.com/sites/aztep>

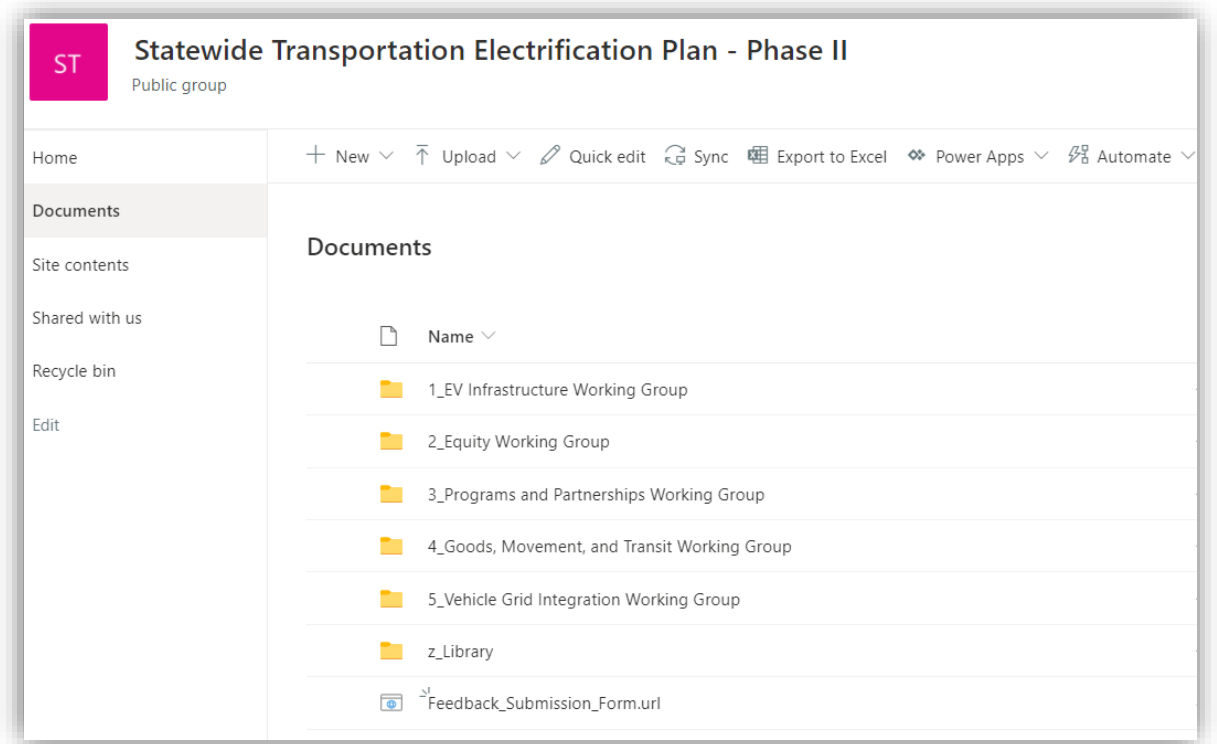
In the next week, ILLUME will send you an **email invitation** inviting you to join the project SharePoint site.

For security reasons, the site is **not open** to the general public.

You must **accept the invitation to have access** to SharePoint.

You **do not** have to use SharePoint to **attend workshops** and **listen in**.

You **do** have to use SharePoint to access the project **library**, **working group folders**, and to **submit feedback**.



ⓘ Please only act on this email if you trust the organization represented below. In rare cases, individuals may receive fraudulent invitations from bad actors posing as legitimate companies. If you were not expecting this invitation, proceed with caution.

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Sample invitation to join SharePoint



How will we use your feedback?

The inputs and feedback you provide will be used to:

- Give context to the research
- Understand and identify barriers
- Plan ways to overcome barriers

Participating in working groups is the most direct way to provide input to the plan.

Questions?

WE'VE GOT ANSWERS

WORKING GROUP
BREAKOUTS

Today's Breakout Activities

IDENTIFY LEADERS

Chair/co-chair
Notetaker
Speaker
Member general

REFINE FOCUS AREA

Add to or adjust group's
focus area (as needed)

PLAN FOR ACTION

Plan to meet outside of
workshops to review
research questions, and to
discuss and prioritize
inputs

Ground Rules

Be clear. State your views using clear language and with the intent of sharing information. Share all information you have that is relevant to discussion topics.

Be curious. When something is unclear to you, it may be unclear to others. Ask genuine questions to understand the information others share and be curious about the differences in others' views.

Be aware. Engage in discussion mindfully such that you hold space for others' contributions as much as your own.

Going to the Breakout



STEP ONE

Leave the Workshop and go to the Breakout Meeting using the Zoom meeting links in the Workshop chat box. You also see them in your email inbox.

STEP TWO

We recommend going to just one working group, however, you can pop in and out of different groups. If you intend to lead, please plan to stick with that group.

STEP THREE

An ILLUME or E3 representative there to help guide you through today's discussion.

STEP FOUR

Return to the large group Workshop using the same information you used to join when you first arrived to the Workshop.



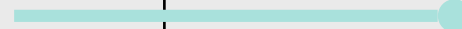


Breakout

SEE YOU SOON!

Welcome Back!

WRAP - UP

Project Timeline: What's Next?

STAKEHOLDER ENGAGEMENT	JUL	AUG	SEPT	OCT	NOV	DEC
INDUSTRY UPDATE						
WORKSHOP 1						
WORKSHOP 2						
WORKSHOP 3						
PHASE II Plan						

Questions?

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