
WORKSHOP #2

IIJA FUNDING PROGRAMS – ELECTRIC VEHICLES AND ECOSYSTEM RESTORATION

CLIMATE RESILIENT MARICOPA REGIONAL INFRASTRUCTURE EXCHANGE

Please add your name, title, and organization in the chat.

OVERVIEW: REGIONAL RESILIENCE EXCHANGE

Opportunity Advance climate resilient infrastructure with federal funding.

The Regional Infrastructure Exchange will bring focus to the climate equity opportunities within the IIJA and facilitate regional collaboration - encouraging multi-city, multi-sector applications and supporting cities and the County in proposal development.



INFRASTRUCTURE INVESTMENT AND JOBS ACT: ILLUSTRATIVE OPPORTUNITIES

TRANSPORTATION	
Program	5-year funding
Safe Streets and Roads for All	\$5 billion
Charging and Fueling Infrastructure Grants	\$2.5 billion
PROTECT Discretionary Grants (Promoting Resilient Operations for Transformative, Efficient, and Cost-saving Transportation)	\$1.4 billion
Reconnecting Communities Pilot Program	\$1 billion
Healthy Streets	\$500 million

Grants for planning (\$2M max) and construction (\$5M min) to restore community connectivity by removing, retrofitting, or mitigating highways or other transportation facilities that create barriers to community connectivity, including to mobility, access, or economic development

RESILIENCE	
Program	5-year funding
Wildfire Risk Reduction	\$3.4 billion
Ecosystem Restoration	\$2.1 billion
Building Resilient Infrastructure and Communities Program (BRIC)	\$1 billion
WaterSMART Grants	\$400 million
Midsize and Large Drinking Water System Infrastructure Resilience and Sustainability Program	\$50 million

Competitive grants to build capacity to undertake projects that reduce risks from disasters and natural hazards. Projects may address building codes, hazard-mitigation planning, or other activities to increase resilience and public safety; reduce injuries and loss of life; and reduce damage to property, critical services, facilities, and infrastructure. Grants seek to support communities through capability- and capacity-building, innovation, and partnerships.

OVERVIEW OF REGIONAL RESILIENCE EXCHANGE

As agencies work to finalize program guidance, signals are strong that the federal funding that is coming will prioritize:

- Regional collaboration
 - Equity
 - Community partnerships
 - Labor and workforce development partnerships
-

LATEST NEWS

IJA

Department of Transportation

- Three programs
- **\$2.9 billion**
- One application for all three transportation programs
- May application deadline

Transportation

Federal program debuts climate change, racial justice criteria as part of infrastructure grants

The projects chosen for coveted federal backing send a signal about how the Biden administration's infrastructure might play out in practice



Read news here

[Transportation Department opens applications for \\$2.9 billion in infrastructure funding - The Washington Post](#)

LATEST NEWS

IJA

Department of Interior

- Expanding existing programs and creating new programs
- **\$8.3 Billion** Investment in Water and Drought Resilience
- **\$1.4 Billion** Investment in Ecosystem Restoration and Resilience
- **\$466 Million** Investment in Tribal Climate Resilience and Infrastructure



Secretary Deb Haaland 
@SecDebHaaland



From our work to address drought and wildfires, to strengthening our nation-to-nation relationship with Indian Tribes, to spurring a clean energy future—Arizona is critical to helping communities protect this land for future generations.

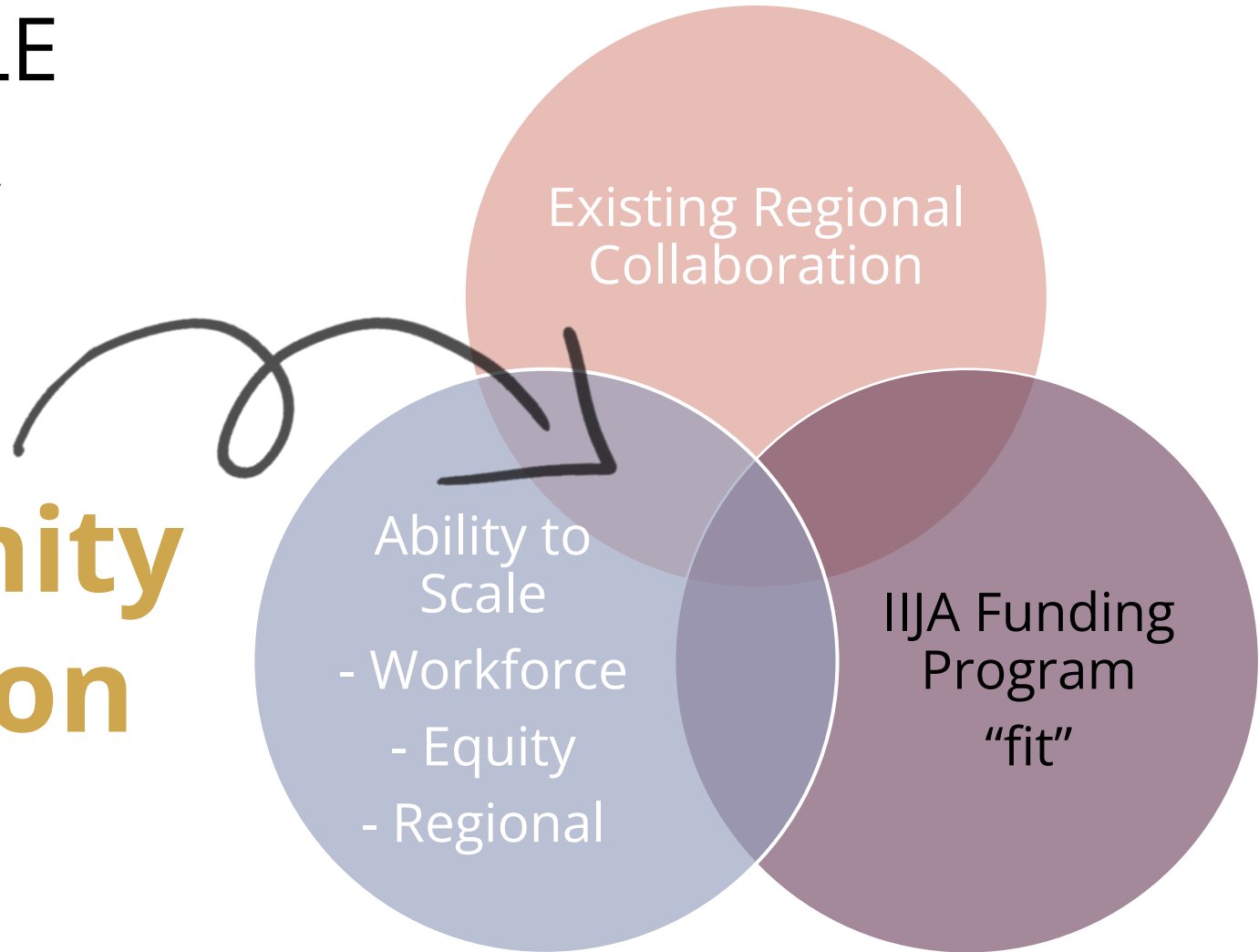


Read news here

[Interior Department Releases Blueprints for Implementing Bipartisan Infrastructure Law | U.S. Department of the Interior \(doi.gov\)](#)

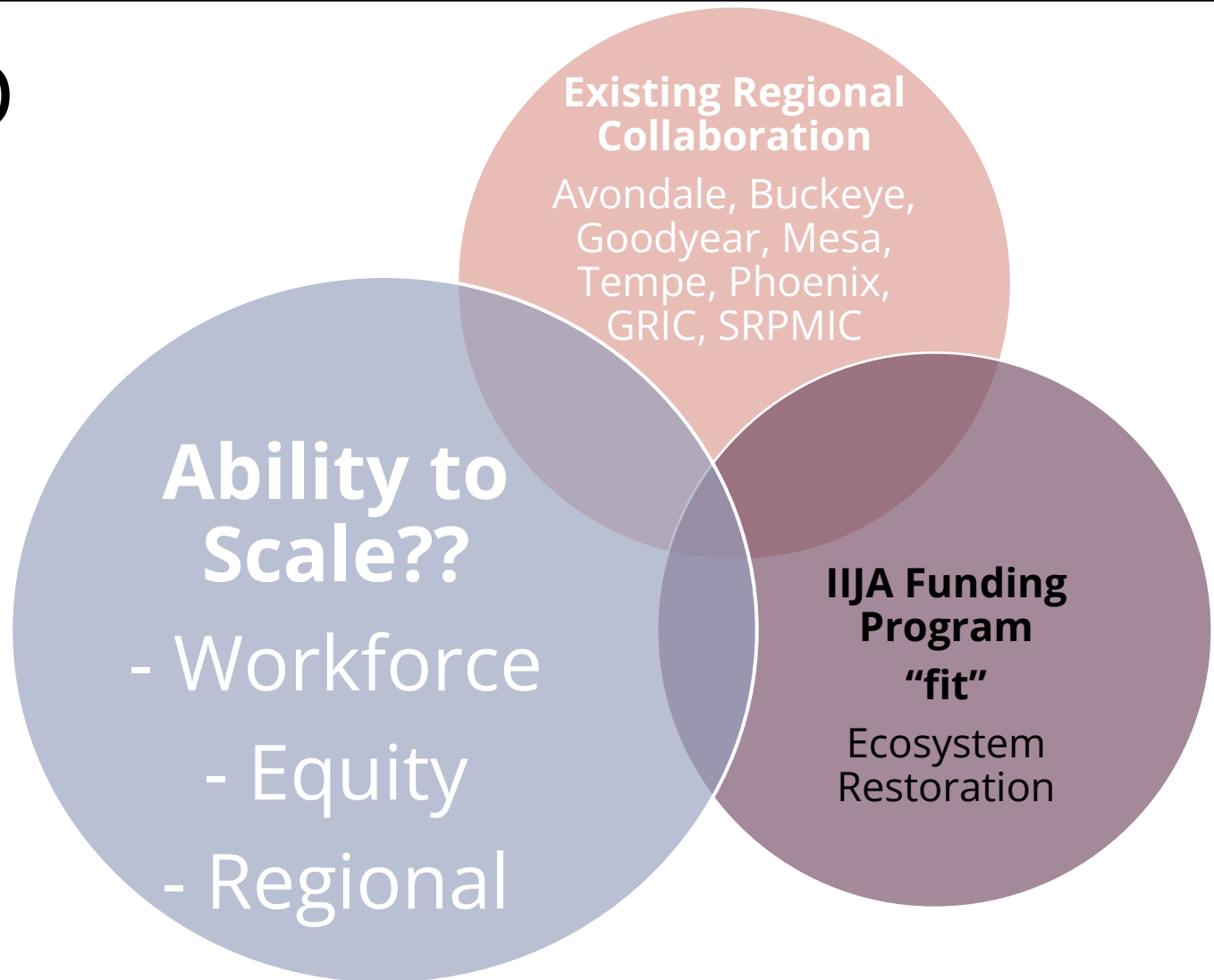
WHAT'S POSSIBLE IN THE GREATER PHOENIX AREA?

Opportunity Exploration



RIO REIMAGINED

- **Planning and design**
- **Existing and future projects**
- **Potential partners**





RIO

REIMAGINED

The Rio Salado Project

03.29.22

Melissa McCann, ASLA
Director
University City Exchange | ASU

Cecilia Riviere
Assistant Director
University City Exchange | ASU

PROJECT AREA

55+ mi. revitalization



The Rio Salado project has the potential to transform the Salt River bottom and realize an untapped Valley treasure.

- U.S. Senator John McCain

SCALE & STAKEHOLDERS



- Multi-jurisdictional partnership: public / private / non-profit / academic / community
- Priority projects – existing and designed or new, with key federal partners [EPA, DOI, USDA, USACE]
- Diverse interests - health, hydrology, infrastructure, public access, environmental, recreation, cultural history
- Opportunity to elevate regional strategy | approach for leveraged resources + projects over long-term

PROJECT ASPIRATIONS

- **RECONNECT THE COMMUNITY TO THE RIVER**
 - Acknowledge industrial and agricultural legacy of river industries
 - Offer culturally aware points of engagement
 - Re-establish public access for recreation, etc.
 - Reinforce environmental/ecosystem value of open space
- **ESTABLISH A METROPOLITAN VISION**
 - Signal an exemplary regional collaboration for a metro region
 - Increase access to education, training, housing, employment & health services
- **CATALYZE ECONOMIC GROWTH & INCLUSION**
 - Recognize and empower the next generation of leaders
 - Acknowledge/address threats of gentrification
 - Create test bed for innovative financing and technology
- **DEMONSTRATE SUSTAINABLE PLANNING**
 - Prioritize sustainable conservation and use of water
 - Identify opportunities for water storage, reuse, harvesting
 - Develop community-led solutions for climate change challenges



STATEMENT OF INTENT - LOCAL SUPPORT



LAUNCH EVENT - March 30, 2018

FEDERAL RECOGNITION & SUPPORT

URBANWATERS

FEDERAL PARTNERSHIP

Environmental Protection Agency | EPA Region 9

FEDERAL DESIGNATION

Funding
Network Resources
Agency Access
Ambassador



US Army Corps
of Engineers



FEMA



RIO REIMAGINED

NOMINATION	20 TH Project	October 2018
LOCAL CEREMONY		September 2020
ONBOARDING WORKSHOP		October 2020

REGIONAL RIVER CORRIDOR RESTORATION



CONNECTED ENVIRONMENTAL RESTORATION

- **CITY OF MESA + SALT RIVER PIMA-MARICOPA INDIAN COMMUNITY**
 - 14 Total Miles of Ecological Restoration – USACE Design Project Va Shly'ay Akimel
 - City of Mesa – 3 Miles of Habitat Restoration
 - SRP-MIC – 3 to Miles of Master Planning from Habitat Restoration to Economic Development
- **CITY OF TEMPE**
 - Tempe Town Lake Master Plan – Recreational Improvements
 - Town Lake Bridge - Multi-Use Path with Water Infrastructure
- **CITY OF PHOENIX**
 - 13 Miles of Ecological Restoration – USACE Design Project Rio Salado Oeste
 - Tres Rios Phases 1C + D – USACE Project On Hold [Recreation and Cultural Center Enhancements]
- **GILA RIVER INDIAN COMMUNITY**
 - Pee Posh + Gila River Wetlands
 - Gila River Habitat Restoration
- **CITY OF AVONDALE, CITY OF GOODYEAR and CITY OF BUCKEYE**
 - 14 Miles of Ecological Restoration along the Lower Gila River [Tres Rios to Gillespie Dam]
- **MARICOPA COUNTY FLOOD CONTROL DISTRICT**
 - El Rio Confluence Lake
 - Vegetation Management + Invasive Species Removal

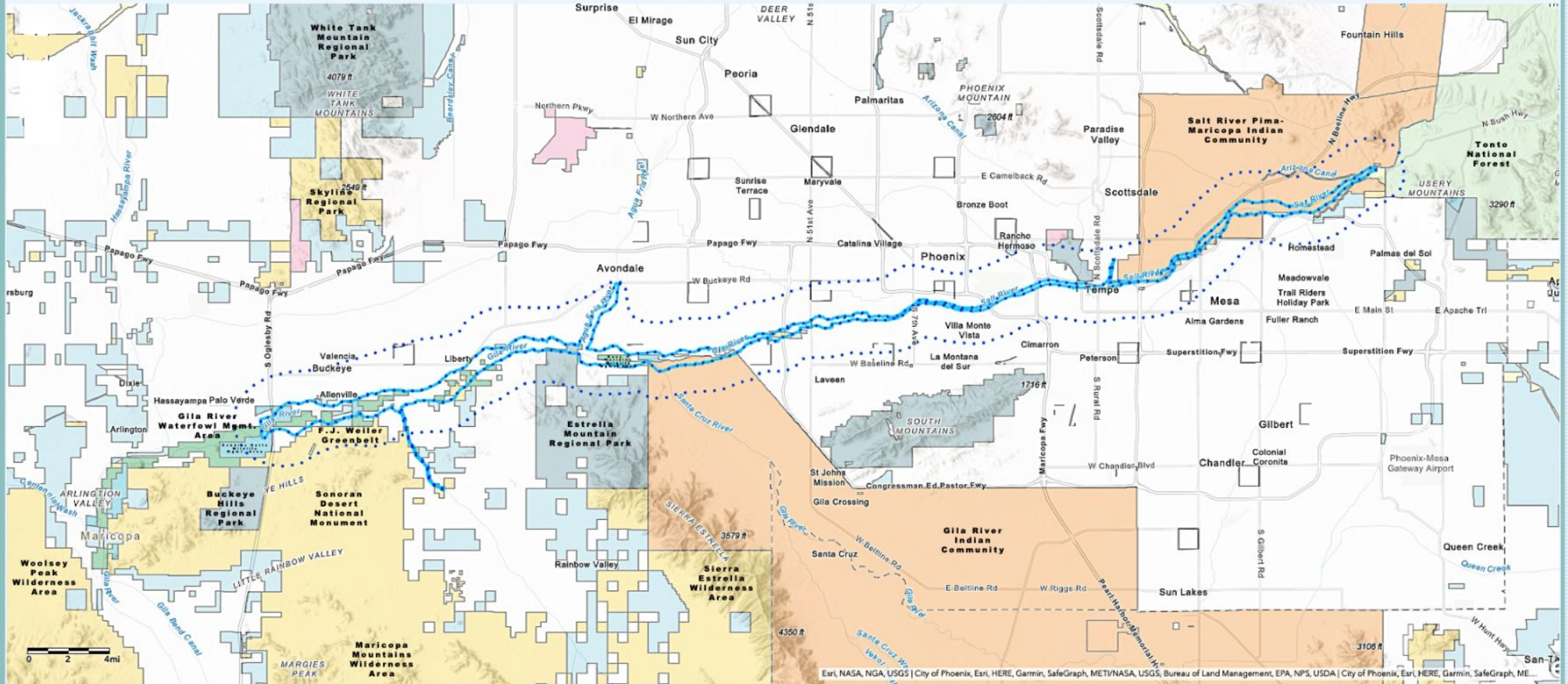
COMPLETED

- A **TEMPE TOWN LAKE**
- B **RIO SALADO HABITAT RESTORATION**
- C **PEE POSH + GILA RIVER WETLANDS**
- D **TRES RIOS WETLANDS + HABITAT RESTORATION – PHASES 1, 2, 3A + B**

PROPOSED

- 1 **VA SHLY'AY AKIMEL HABITAT RESTORATION – USACE PROJECT HOLD**
- 2 **TEMPE TOWN LAKE MASTER PLAN IMPROVEMENTS**
- 3 **RIO OESTE HABITAT RESTORATION – USACE PROJECT HOLD**
- 4 **TRES RIOS PHASES 3C, 4 + 5 – USACE PROJECT HOLD**
- 5 **GILA RIVER HABITAT RESTORATION**
- 6 **EL RIO CONFLUENCE LAKE**
- 7 **LOWER GILA RIVER RESTORATION**

FEDERAL | STATE | COUNTY PUBLIC LANDS



U.S. DEPARTMENT OF THE INTERIOR

- Bureau of Land Management
- Bureau of Reclamation
- U.S. Fish and Wildlife Service
- INDIAN LANDS

USDA | U.S. FOREST SERVICE

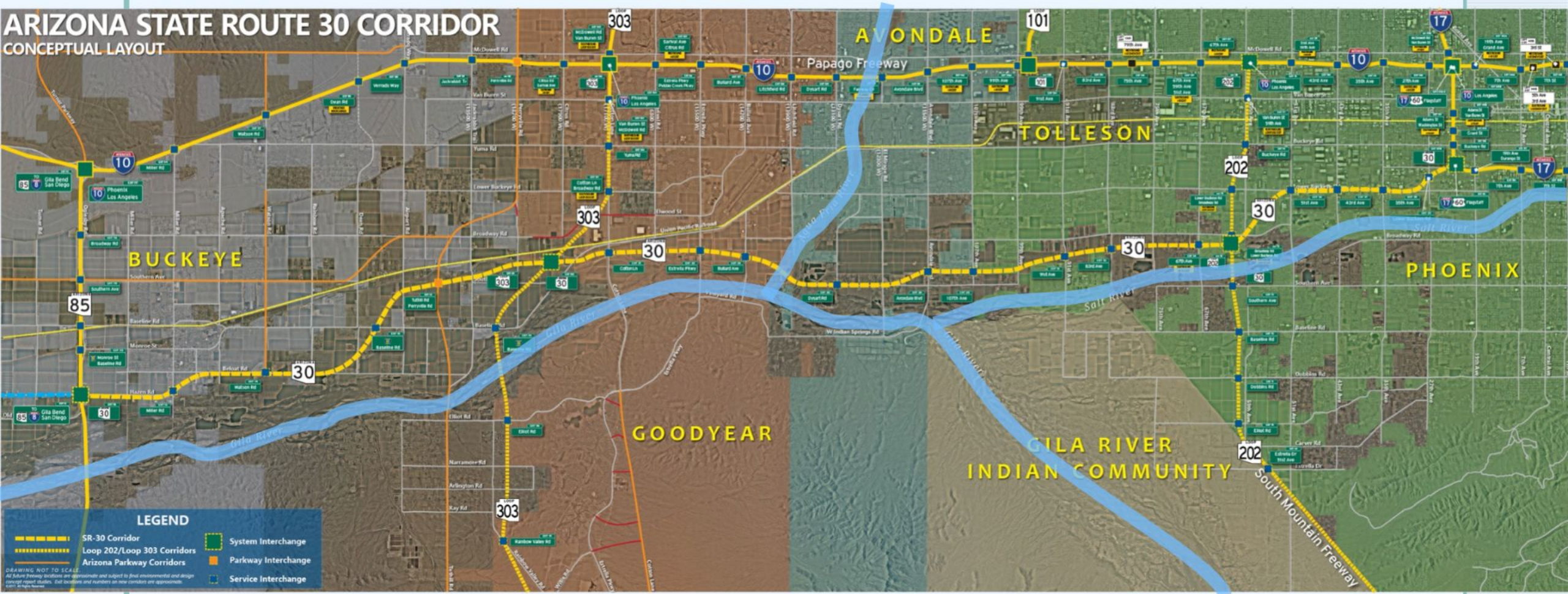
- STATE LAND
- STATE WILDERNESS AREA
- LOCAL OR COUNTY PARKS
- MILITARY

PRIVATE

- OTHER
- RIO REIMAGINED AREA
- SALT – GILA FLOODWAY

REGIONAL TRANSPORTATION

ARIZONA STATE ROUTE 30 CORRIDOR CONCEPTUAL LAYOUT



All SR-30 and Loop 303 (south of Van Buren St) route locations depicted, including potential interchanges and their locations, are illustrative and may change after appropriate environmental studies are cleared.
Map Date 10/13/2017

Maricopa Association of Governments

- ENVIRONMENTAL RESTORATION
- GREEN INFRASTRUCTURE
- OPEN SPACE | RECREATION

- HAZARD MITIGATION PLANNING
- ACTIVE TRANSPORTATION SYSTEMS - GREENWAY
- ECONOMIC DEVELOPMENT
- WATERSHED PLANNING

ON-GOING FEDERAL GRANTS + ASSISTANCE

▪ **US ENVIRONMENTAL PROTECTION AGENCY**

Brownfields Assessment Coalition Grant - Cities of Phoenix, Tempe + Avondale	Spring 2020 - 2023
Revolving Loan Fund – City of Phoenix + LISC	Spring 2020 - 2023
River Network Urban Waters Resilient Communities Grant	Fall 2021 -2022
Urban Waters Rio Reimagined Ambassador Grant	Fall 2022 - 2023
Environmental Justice Grant - RAIL Mesa	Spring 2022 – 2023

▪ **USDA FOREST SERVICE | AZ DEPT. OF FORESTRY + FIRE MANAGEMENT**

West Mesa River Community Heat Action Grant	Spring 2020 – 2022
RIO Healthy Urban River Ecosystems Grant	Spring 2022 - 2024

▪ **US DOI - US GEOLOGICAL SURVEY | AZ WATER SCIENCE CENTER**

Water Quality Cooperative Matching Funds – Flood Control District of MC	Summer 2020 – 2023
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▪ **NATIONAL FISH + WILDLIFE FOUNDATION | AZ SUSTAINABILITY ALLIANCE**

RIO Youth Conservation Corps	Summer 2022 – 2024
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IIJA - RESILIENCE PROGRAMS

- **US DOI - US FWS | WILDFIRE RISK REDUCTION** **\$3.4 Billion**
 - **Current Federal Funding**
 - US FWS | DRIP Act Funding [Pending] - \$10M annually
 - **Current State Funding**
 - AZ DFFM | Healthy Forests Initiative Program - \$24.5M for \$1M annually through 2030
 - AZ DFFM | Invasive Species Removal - \$2M initially + \$1M annually through 2029
 - Jackie Meck AZ Legislation [Pending] - \$15M annually for invasive species removal in Buckeye Area of Gila River through 2025
- **FEMA | BUILDING RESILIENT INFRASTRUCTURE + COMMUNITIES [BRIC] \$1 Billion**
 - County / City Hazard Mitigation Plan Updates Pending in 2021 DRAFT
 - **BRIC Primary Program Areas:**
 - Flood Control
 - Utility / Infrastructure Protection
 - Wildfire Management
 - Relocation of Critical Infrastructure
 - Shelters

IIJA - RESILIENCE PROGRAMS CONT'D.

- **US DOI + US ACE | ECOSYSTEM RESTORATION**

\$2.1 Billion

- **Primary Program Areas:**

- Stewardship Contracts
- Ecosystem Restoration Projects
- Invasive Species Detection and Prevention
- Native Vegetation Restoration Efforts

- **US DOI - US BOR | WaterSMART PROGRAM**

\$400 Million

- **Primary Program Areas:**

- Water and Energy Efficiency Grants
- Water Marketing Strategy Grants
- Small-Scale Water Efficiency Projects
- Environmental Water Resources Projects
- Title XVI - Water Recycling and Reuse
- Desalination
- Basin Studies - Analysis of Water Supply, Demand and Resiliency
- Baseline Assessments
- Reservoir Operation Pilots
- Applied Science Grants
- Cooperative Watershed Management Program
- Drought Program
- Water Conservation Field Services Program

FORWARD MOMEMTUM

- RIO REIMAGINED SOCIAL IMPACT ORGANIZATION | 501 C3
- URBAN WATERS FEDERAL PARTNERSHIP AMBASSADOR
- REGIONAL PLANNING FRAMEWORK
- EQUITY AND INCLUSION COALITION
- ON-GOING GRANTS + ASSISTANCE
- RIO PARTNERSHIP NETWORK AND COMMUNITY OUTREACH



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THANK YOU

POLL

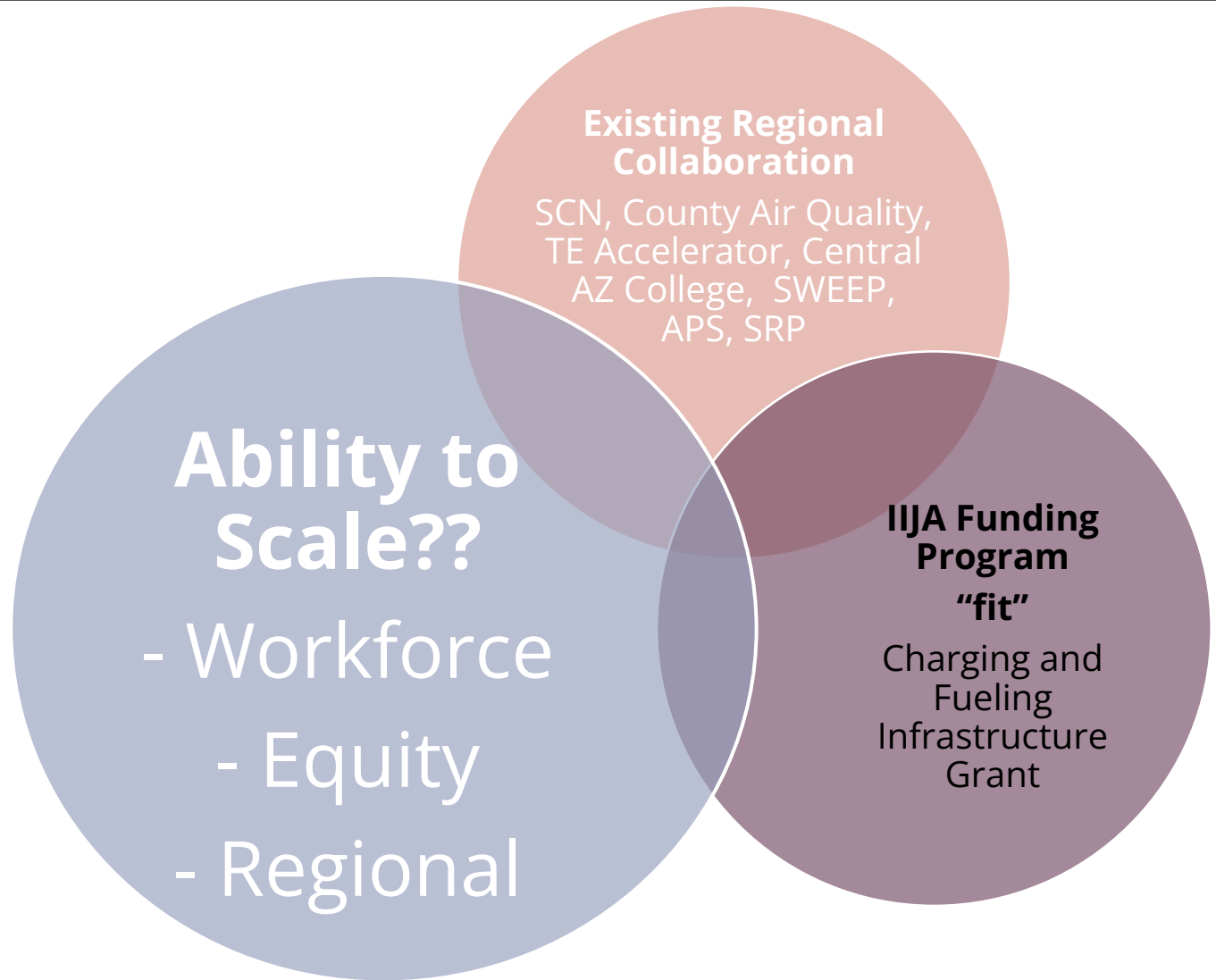
REFLECT ON THE TWO AREAS DISCUSSED

- Do you think there is potential for your organization to join in on a joint application for Ecosystem Restoration program funding?
- Did the discussion around Ecosystem Restoration bring to light new ideas, potential projects, or partnerships you have not thought of?



ELECTRIC VEHICLES

- **Planning and design**
- **Existing and future projects**
- **Potential partners**



ELECTRIC VEHICLES



Danae Presler and Karen Apple
Sustainable Cities Network, Electric
Vehicle Subgroup Co-Chairs



Phil McNeely
Maricopa County Air Quality
Department Director

IJA EV Funding Opportunities

\$7.5B investment to build national network of 500,000 EV chargers

Formula Funding (~\$76M to AZ over 5 years)

→ Targets charging along corridors and Interstates

Grant Program (\$2.5B)

→ Chargers for rural, disadvantaged, and other hard-to-reach communities

POLL

REFLECT ON THE TWO AREAS
DISCUSSED

- Do you think there is potential for your organization to join in on a joint application for electric vehicle program funding?
- Did the discussion around electric vehicle bring to light new ideas or potential projects, or partnerships you have not thought of?



POLL

REFLECT ON THE TWO AREAS
DISCUSSED

In 3 words or less,
what would you like
to see explored
further?



WORKSHOP #2

FEDERAL OVERVIEW & REGIONAL PROJECT PRIORITIES

POLL RESULTS

WORKSHOP #2

FEDERAL OVERVIEW & REGIONAL PROJECT PRIORITIES

WHERE ARE WE GOING NEXT?

Next Workshop:

Tuesday, April 26

8:30 - 10:30 am

**Community Based
Organization
Partnerships**

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FEDERAL OVERVIEW & REGIONAL PROJECT PRIORITIES

CLIMATE RESILIENT MARICOPA REGIONAL INFRASTRUCTURE EXCHANGE

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Community Based Organization
Partnerships

Questions or Feedback

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