INDUSTRY FORUM
REGIONAL UTILITIES SUPPORTING HOUSING (RUSH)

ADVISORY PANEL

April 25-28, 2023
LINKING HOUSING & INFRASTRUCTURE (RUSH)

Recommendations for SCAG intended to:

• Maximize Impact
• Address racial equity in decisions
• Be a model (climate & sustainability)
• Address SCAG Geography
• Leverage public assets & investments
ADVISORY PANELISTS

CHAIRS
- Kelli Bernard, Lighthouse Public Affairs
- Alex Rose, Continental Development

PANEL
- Ian Adam, Fuscoe Engineering (Water Resources)
- Ryan Aeh, City Ventures (Developer)
- KeAndra Cylear Dodds, LA Metro (Equity)
- Mark Krebs, PACE Water (Infrastructure)
- Charley Wilson, Southern California Water Coalition (Infrastructure)
- Sherry Okun-Rudnak, BAE Urban Economics (Finance)
- Craig Perkins, The Energy Coalition (Infrastructure)
- Chuck Schilke, Johns Hopkins University (Implementation)
- Walker Wells, Raimi + Associates (Sustainability)
I. CHALLENGES
INFRASTRUCTURE READINESS FOR HOUSING

- Coordinated approach to identify/tackle needs
- Integrated utility capacity and housing database
- Integrated planning at all scales
COMPLEX SYSTEM RELATIONSHIPS

- Over 400 water utilities
- Over 200 sewer utilities
- Multiple electricity providers
SILOED & INCOMPLETE INFORMATION

- Current capacity mapping is lagging
- Limited map sharing
- Incomplete utility capacity picture
- Limited alignment with regional housing development
II. GOALS
PARADIGM SHIFT

• **ALIGN** housing planning and utility planning

• **ENSURE** infrastructure is housing ready

• **PRIORITIZE** equitable investment

• **SUPPORT** innovation
III. RECOMMENDATIONS
RECOMMENDATIONS

• MAPPING
• RUSH GRANTS
• COLLABORATION
• ADVOCACY
PRIORITY SITE MAPPING EXAMPLE

• Create a tool to identify opportunities and challenges
WHAT ARE WE SOLVING FOR

GREEN LIGHT PROJECT
UTILITY(IES) AVAILABLE

SCAG
RHNA #'s
Priority Projects
By Utility Service Area

UTILITY AGENCY
(Prioritized)
Utility Service
Capacity Deficiency

RED LIGHT PROJECT
ADDRESS SPECIFIC
UTILITY DEFICIENCY
UTILITY PLANNING & COOPERATIVE AGREEMENTS

LA Metro TOC Projects
TOC Projects
LA County Measure W $300M/YR Stormwater Infrastructure Projects
Other large scale development utility projects

Provide Data to SCAG RHNA Priority Housing Projects

Developers Produced Housing

UTILITIES
- POWER
- WATER
- SEWER
- STORM WATER
- WQ
- FLOOD

RUSH
(REGIONAL UTILITIES SUPPORTIVE HOUSING)
RUSH GRANT PROJECTS

• Planning for infrastructure improvements to serve new housing
• Capital funding to solve capacity issues
• Innovation pilot projects
• Coordination projects

Innovation includes:
- Net Zero Design
- Demand Management
- Battery Storage
- Microgrids
- Distributed Stormwater
- Greywater
- Climate Resilience
GRANT RECIPIENT PRIORITIES

- Equity lens
- Within area of need
- Addresses multiple issues
- Leverages other funding
- Coordination/Alignment
FACILITATE COLLABORATION

• New partnerships to tackle infrastructure problems
• Utilities and jurisdictions
• Subregions/COGS
• Data & Funding Clearinghouse
LEVERAGE RESOURCES

• Federal, state, local funding
• Dig once
• Multi-agency collaboration
• Reduces inefficiencies and costs
WEST SANTA ANA BRANCH EXAMPLE
ADVOCACY

• State/CPUC Policy Change
• Workforce Development
• Equity/Anti-Displacement
• Facilitate larger advocacy groups

(COURTESY LADWP)
III. SUMMARY
SUMMARY

• SCAG’s Role
• Regional Alignment
• Equitable and Resilient Housing