

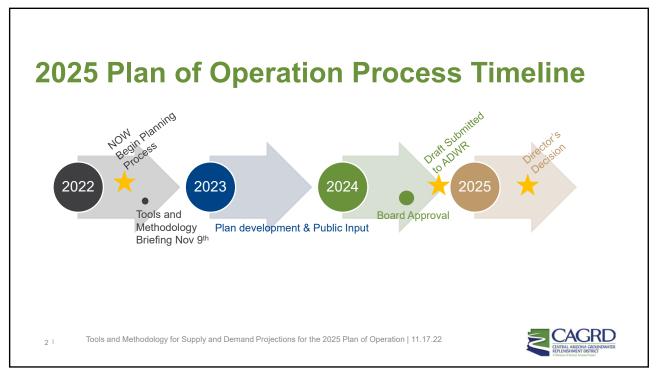
Report on Tools and Methodology for Supply and Demand Projections for the 2025 Plan of Operation

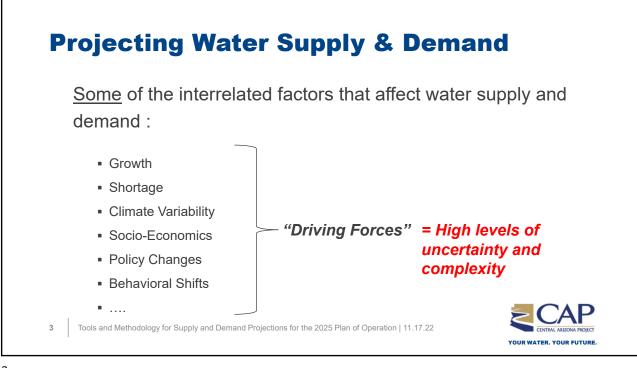
YOUR WATER. YOUR FUTURE

Viviane Baji, Planning Analyst II

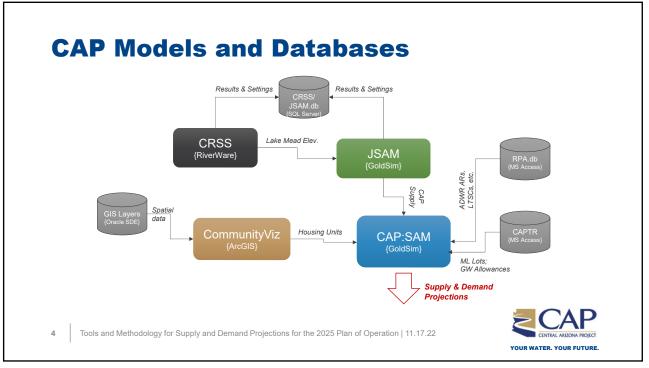
CAGRD & Underground Storage Committee Meeting November 17, 2022

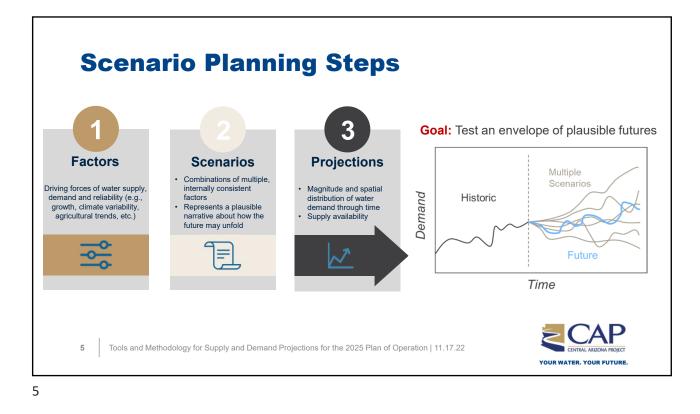
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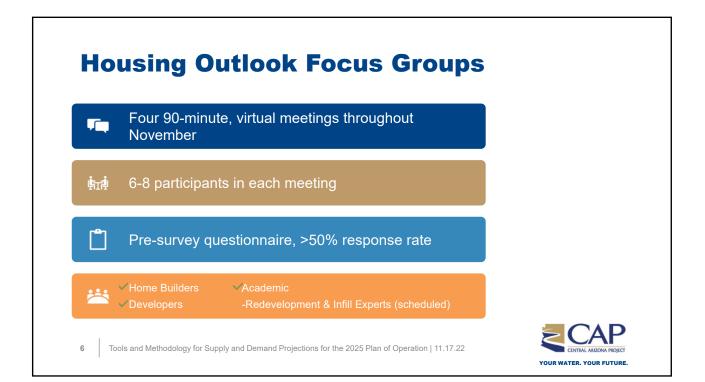












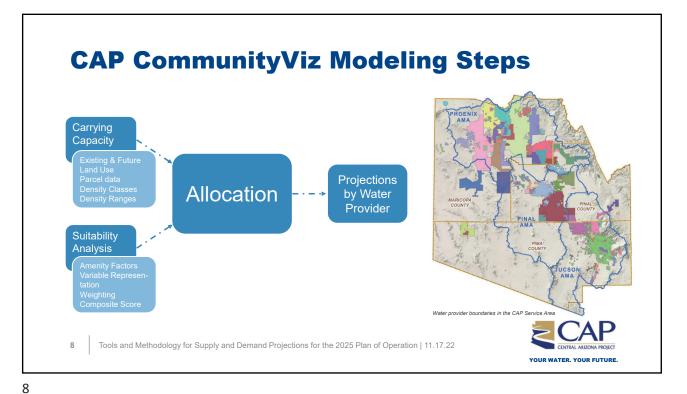
A GIS Approach to Modeling Growth

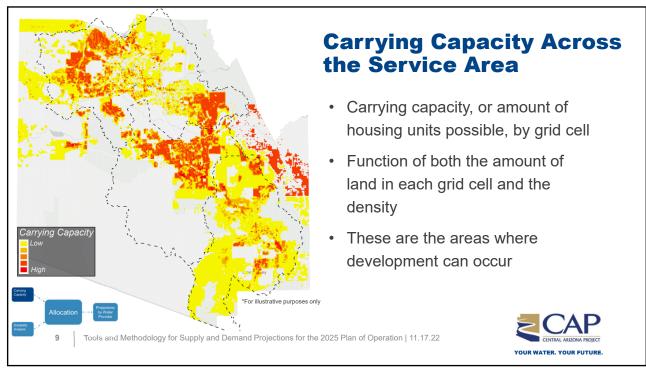
- CommunityViz Scenario 360 is an ArcGIS Extension that adds interactive analysis tools and a decision-making framework to the ArcGIS platform
- CommunityViz GIS tools to analyze and visualize growth patterns across the CAGRD Service Area
- Intuitive workflows for the nuts and bolts of spatial growth pattern modeling
- Utilizing GIS and tabular data from planning agencies, including the regional councils (MAG, CAG, PAG)

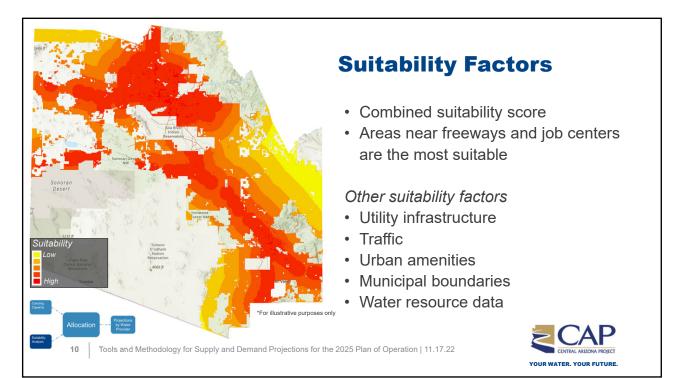


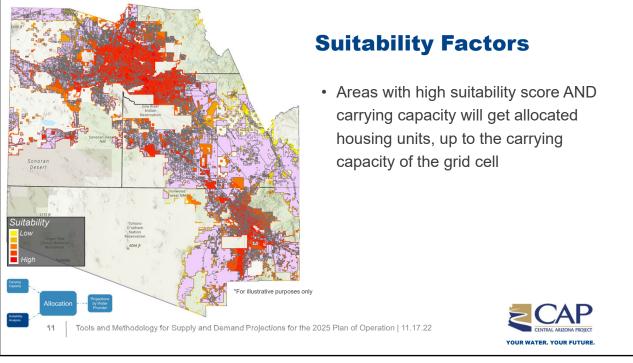
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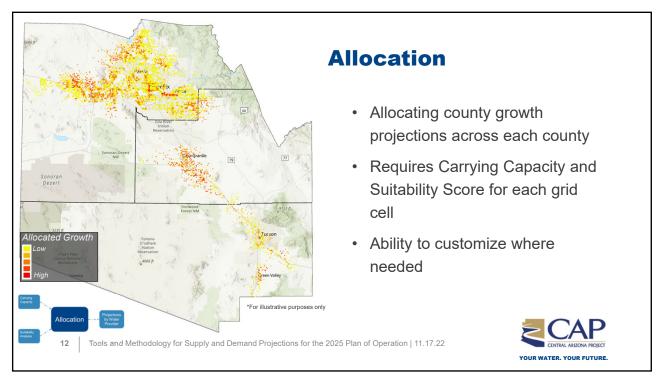


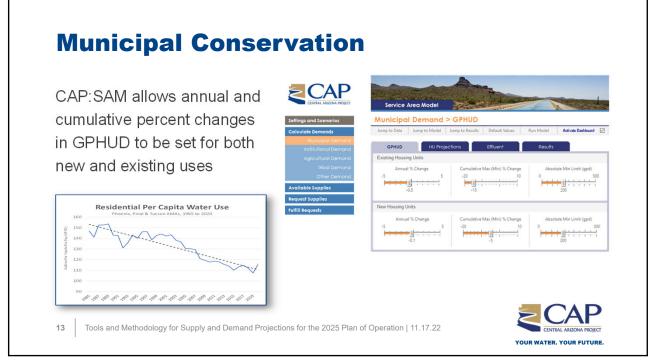




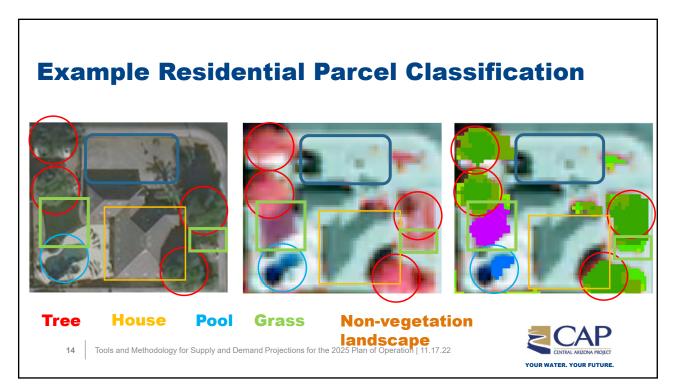


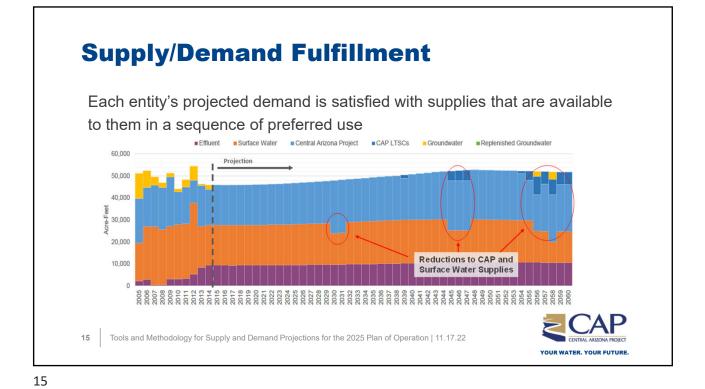


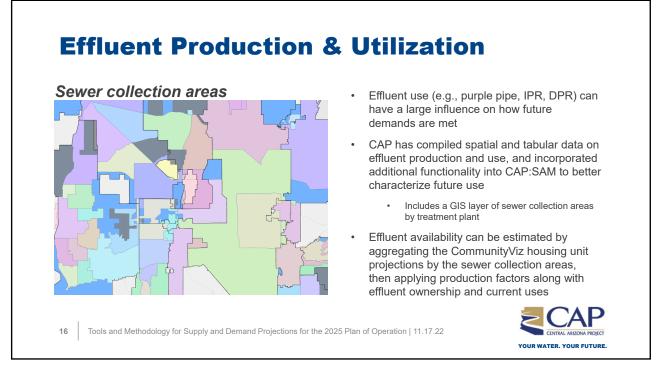


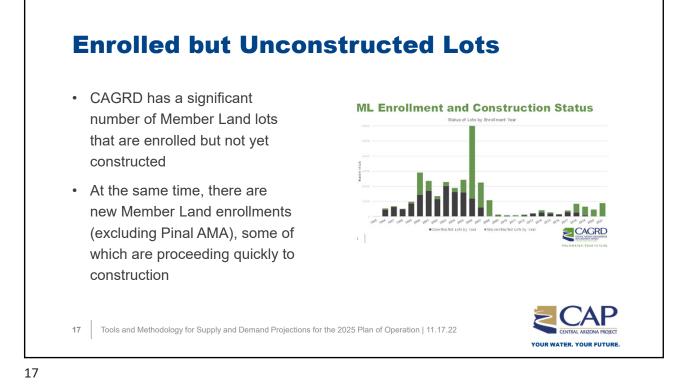












ML Groundwater Allowance and Provider Reporting

- The volume and timing reported Excess Groundwater is influenced by the availability of groundwater allowance, the nature of the subdivision, when it was enrolled, and any non-groundwater supplies that the water provider delivers
- CAP:SAM tracks the groundwater allowances by ML water provider and Plan Period, and can account for differences in reporting percent and comingled supplies





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