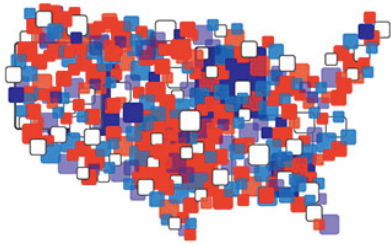


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Igniting a Smart Revolution

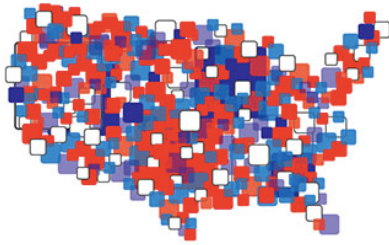
Los Angeles, CA



ENVISION: AMERICA

City of Los Angeles ESRI, IBM, ITRON, OSIssoft





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GOALS & MEASURES

City of Los Angeles

- Build and maintain a thriving canopy that drives sustainability goals for the City and its communities.
- *Success Targets (pilot phase):*
 1. Identify, expand, and manage the City's street tree population.
 2. Identify and deploy technologies applicable to and useful for the other success targets.
 3. Drive high engagement of the community in street tree care and maintenance. Should be similar or better to online game engagements.
 4. Continue having an effective canopy in the face of environment stresses of drought, flooding, disease, and politics.
- *Timeframe:*
 - Q1 2016: Visual analysis, feasibility, and sensory opportunities
 - 2016: Establish sensor pilot
 - 2017: Roll out sensor pilot



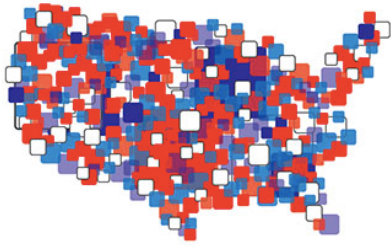


SOLUTIONS/INNOVATIONS

City of Los Angeles

- Identify tree location and species using video analytics.
- Monitor tree establishment and environmental benefits using sensor data.
- Community engagement with trees using today's IoT and social media technologies.
- Long-term service improvements through IoT and online services in managing one of the world's largest urban canopies.





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KEY STAKEHOLDERS

City of Los Angeles

- ESRI
- IBM
- ITRON
- OSIssoft
- Los Angeles Bureaus of Public Works
- NSF / NIST
- Others TBD

