

# downtown palo alto Net Zero Energy

### **Initiative Overview**

#### Jim Baer

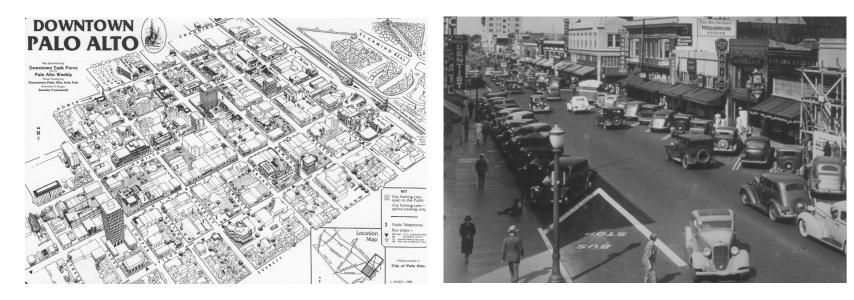
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#### Craig Lewis

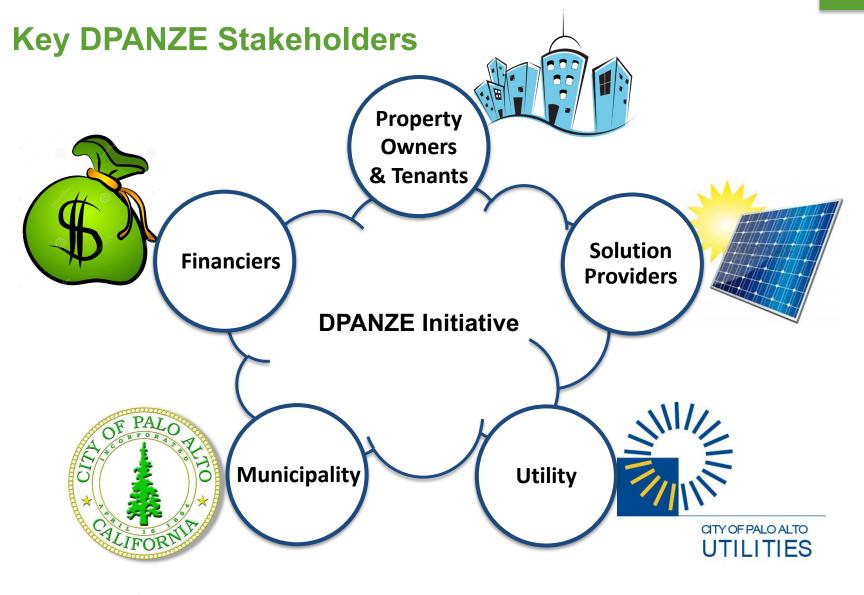
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# **100 Net Zero Energy commercial buildings in downtown Palo Alto**

- Address 100% of existing electricity usage
  - Target to eliminate half through energy efficiency measures
  - Procure remainder from local renewable energy generation
- Promote alternatives to natural gas and transportation fossil fuels (fuel switching)
  - Electrify natural gas applications
  - Proliferate EV charging stations to enable electrification of transportation





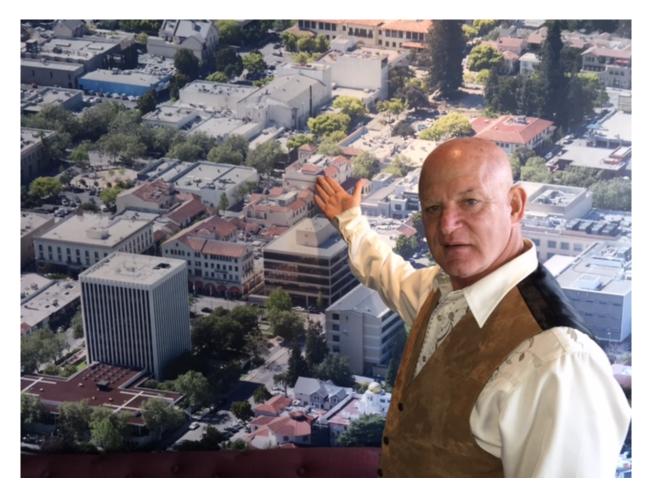


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3

### **Overcoming** the biggest NZE challenge: Engaging Property Owners & Tenants



Jim Baer, Founder of WaveOne, DPANZE visionary, and one of the most active commercial property developers in Palo Alto's history.





## Leveraging the Clean Coalition's Programmatic Expertise



Source: THiNKnrg, Aug2014. Rendering of solarized parking structure in downtown Palo Alto



## **Proposed DPANZE Timeline**

Key Activities	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
Audits for first 10 buildings		10 NZE Commercial Buildings											
NZE plans for first 10		completed by mid-2016											
First 10 certified NZE							¥						
Secure assignability of local renewables to DPANZE													
Audits for next 25 buildings	35 NZE Commercial Buildings												
NZE plans for next 25	completed by yearend-2016												
Next 25 certified NZE													
Audits for last 65 buildings					100 NZE Commercial Buildings completed by yearend-2017								
NZE plans for last 65													
Last 65 certified NZE													
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