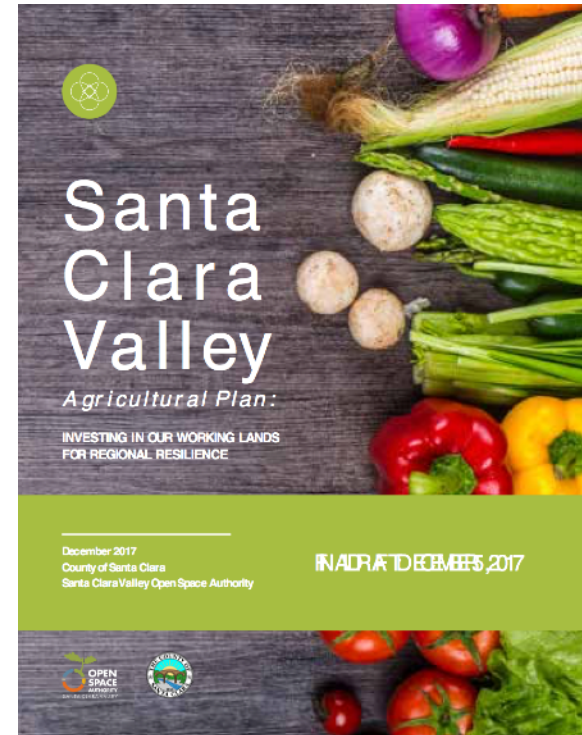


Santa Clara Valley Agricultural Plan

SPUR Presentation
July 11, 2018



Santa Clara Valley Agriculture



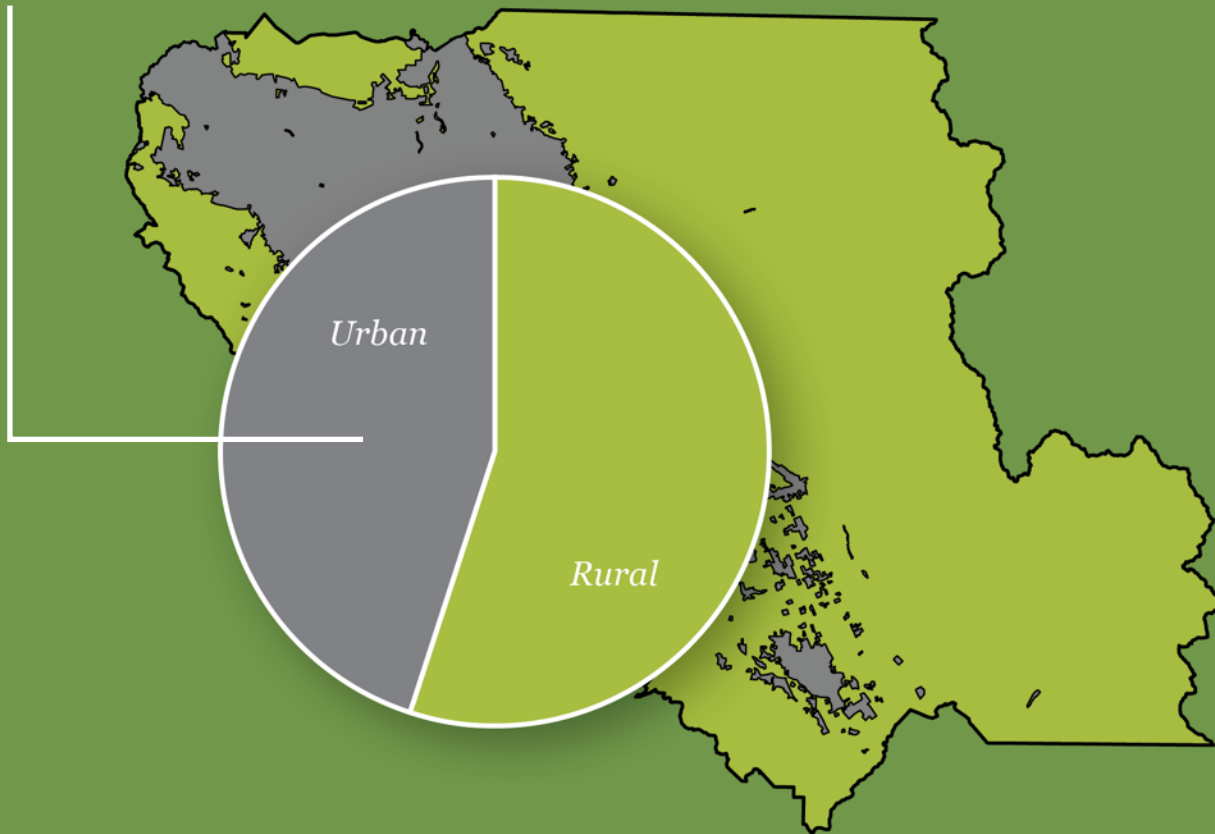
Silicon Valley Today



NOW

45%

of farm and ranch lands in Santa Clara Valley have been lost in the last 20 years alone



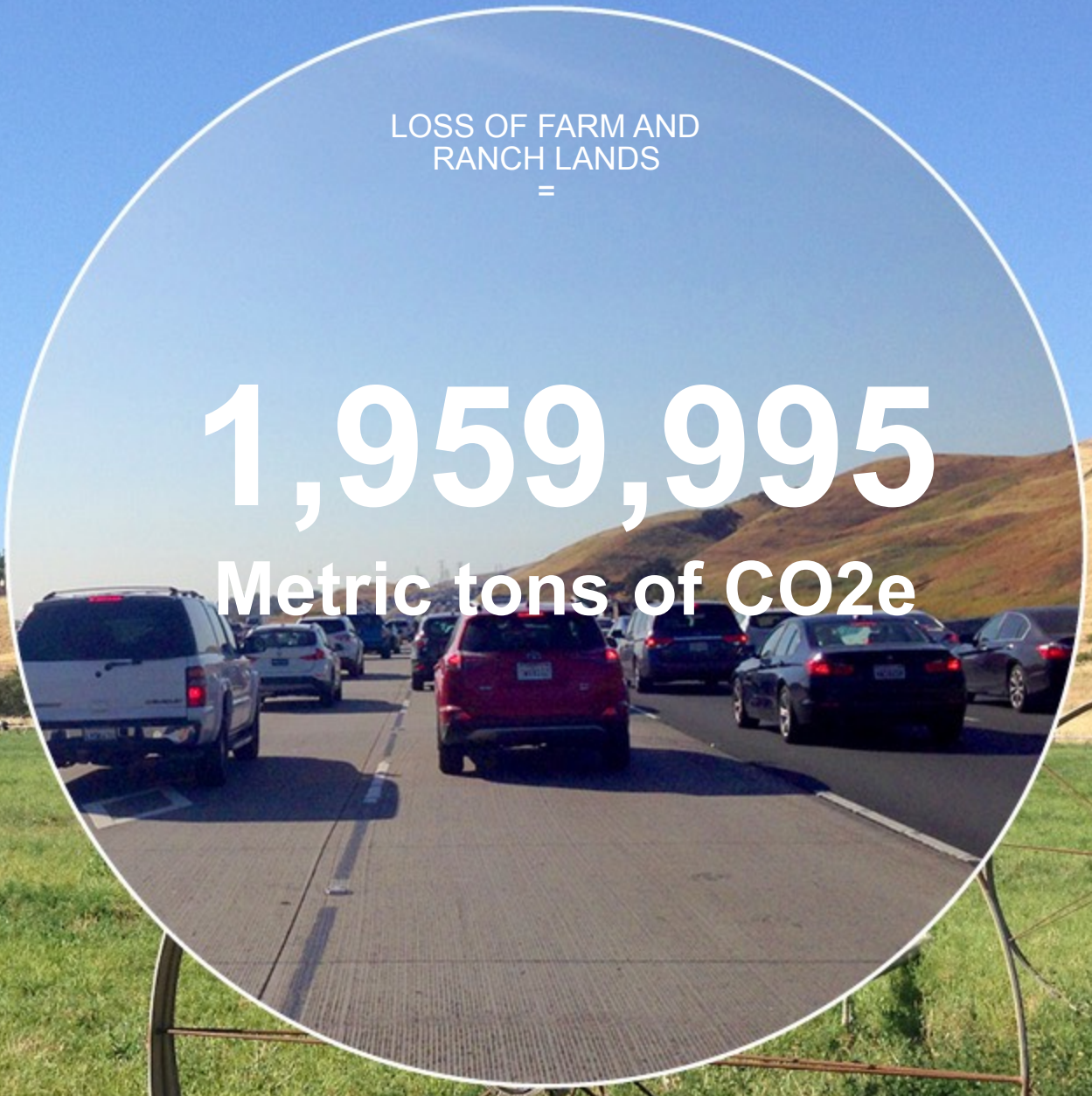
Threats to Farmland and Agricultural Viability



LOSS OF FARM AND
RANCH LANDS
=

1,959,995

Metric tons of CO₂e





SANTA CLARA VALLEY'S UNIQUE AGRICULTURAL NICHE

Fertile soils
Temperate climate
Abundant groundwater
Proximity to urban markets



SANTA CLARA COUNTY AG ECONOMY

Over 1,000 farms

Over 8,000 employed

\$1.6 billion annual output value

*\$832 million
annual contribution
to County economy*



Working Lands & Ecosystem Services

Aquifer recharge

Fire breaks

Erosion control

Biodiversity and wildlife habitat

Carbon sequestration

Flood risk reduction

Food security

Climate resilience

LANDSCAPES AT WORK

\$45
billion

Asset Value of Working
Lands in Santa Clara
County



MULTIPLE BENEFITS OF WORKING LANDS CONSERVATION



Agriculture in the 21st Century

Key to Regional Sustainability Strategy

- Challenges of Climate Change and Peak Oil
- Long Term Regional Food Security
- Greenhouse Gas Reduction - prevents sprawl and new GHG's
- Greenhouse Gas Reduction - Carbon Sinks in Forest Land
- Groundwater Recharge
- Floodplain protection
- Wildlife Benefits
- Diversified Economy

