

## SOMO Village

Rohnert Park, California, US



Size: 200 acres, 1,900 homes, 5,000 residents

**Dates:** 2006 – 2025

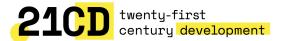
**Project Team:** Codding Enterprises

Photo from ksro.com

The SOMO Village is a mixed-use community that integrates sustainability into the planning and lifestyle of the development. They received the GEELA Leadership Award and are endorsed by One Planet Communities. The intent of the development is to create a LEED ND Platinum community with education and involvement, featuring a "five-minute lifestyle" where services are readily accessible.

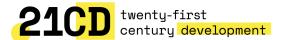
## **Goals & Strategies**

🔊 Place	
Limits to Growth	Goals: Goals not defined.
	Strategies: Strategies not reported.
Food	Goals: 65% of all food from within 300 miles and 25% from within 50 miles by 2020.
	<b>Strategies:</b> Community gardens, fruit trees, grocery stores. Micro-farms within the community. Daily farmers markets.
Habitat	Goals: 20% green space, 10% habitat.
	Strategies: 27 acres of parks. Prohibited use of pesticides and herbicides. Edible landscaping.
Transportation	<b>Goals:</b> Reduce transportation emissions by 82%.
	<b>Strategies:</b> Walkable neighborhoods and bike paths. Electric vehicles charged with solar power. Services within walkable areas. Biofuel filling station. Carpooling and car sharing programs. Alternative fuel shuttle to Sonoma State University.



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🖉 Water					
Water	Goals: Reduction of consumption by 60% from norm.				
	<b>Strategies:</b> Efficient appliances, education. Rainwater harvesting and reuse of water. Reclaimed water used for irrigation. Stormwater used for habitat.				
4 Energy					
Energy	<b>Goals:</b> Carbon-neutral by 2020. 100% renewable energy for electricity by 2020. Energy demand: 27.3-50 kBtu/ft <sup>2</sup>				
	Strategies: 1.14 MW solar array. Data center. Ground-sourced heat pumps. Biomass, biogas.				
凸 Health + Happir	<b>1ESS</b> (Details not provided by researchers)				
Material Plan	Goals: Goals not defined.				
	Strategies: Strategies not reported.				
Embodied Energy	Goals: Construction uses 20% of materials from the site and 60% of materials from within 500 miles.				
& Carbon	<b>Strategies:</b> Low-impact materials were selected. Cradle-to-cradle accounting was used to calculate the embodied carbon of all materials. Resource efficiency assessed.				
Waste	Goals: Zero waste.				
	<b>Strategies:</b> Composting, generating energy through waste. Construction waste reduction: 90% from demolition, 70% construction waste, and 25% from new construction.				
Equity					
Neighborhood &	Goals: 25% affordable housing units made available for rent and purchase.				
Access	<b>Strategies:</b> Walkable and accessible streets. Business incubator to promote live-work and community involvement.				
Access to Nature	Goals: Goals not defined.				
	Strategies: Community gardens, walking and bike trails.				
Access to Community	Goals: Goals not defined.				
Services	Strategies: Public art, murals, festivals. Sports fields. Sustainability education.				
Investment	Goals: Goals not defined.				
	Strategies: Strategies not reported.				
Beauty	(Details not reported by researchers)				

> See next page for Performance Levels achieved



## **Performance Levels Achieved:**

	Standard	Good	Better	Living	Regenerative
Place					
Limits to Growth					
Food					
Habitat					
Transportation					
Water					
Energy					
Health + Happiness					
Civilized Environment					
Neighborhood Design					
Biophilia					
Resilient Connections					
Materials					
Material Plan					
Embodied Energy & Carbon					
Waste					
Equity					
Neighborhood & Access					
Access to Nature					
Access to Community Services					
Investment					
Beauty					
Beauty & Spirit					
Inspiration					

## Sources:

https://somovillage.com

 $\underline{https://inhabitat.com/sonoma-mountain-village-north-americas-first-one-planet-community/}$ 

https://www.pressdemocrat.com/news/5036774-181/farmster-takes-root-in-rohnert?ref=menu

\*Note: This case study was developed using found information.

**21st Century Development** is a model for the creation of regenerative communities that strives to provide a healthy environment for all people and living systems now and in a dynamic future.

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