

# SOMO Village

Rohnert Park, California, US



Photo from ksro.com


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






**Dates:**  
2006 – 2025

**Project Team:**  
Coddling Enterprises

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	
<b>Limits to Growth</b>	<p><b>Goals:</b> Goals not defined.</p> <p><b>Strategies:</b> Strategies not reported.</p>
<b>Food</b>	<p><b>Goals:</b> 65% of all food from within 300 miles and 25% from within 50 miles by 2020.</p> <p><b>Strategies:</b> Community gardens, fruit trees, grocery stores. Micro-farms within the community. Daily farmers markets.</p>
<b>Habitat</b>	<p><b>Goals:</b> 20% green space, 10% habitat.</p> <p><b>Strategies:</b> 27 acres of parks. Prohibited use of pesticides and herbicides. Edible landscaping.</p>
<b>Transportation</b>	<p><b>Goals:</b> Reduce transportation emissions by 82%.</p> <p><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.</p>

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

> See next page for Performance Levels achieved

**Performance Levels Achieved:**

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

**Sources:**

- <https://somovillage.com>
- <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.

The initiative is created and supported by a partnership of AIA Minnesota, the Center for Sustainable Building Research, Colloqate Design and The McKnight Foundation.

