

Smart San Leandro: A Connected City

The City of San Leandro is seeking grant opportunities to leverage public-private partnerships and emerging technology resources to transform traditional industrial districts into modern manufacturing workplaces.

The City's historically robust manufacturing sector is resurging with a new focus on fiber optics, additive/advanced manufacturing technologies and art. ***Our mission to develop San Leandro as a Center for Innovation*** includes improvement and expansion of a healthy industrial base through physical/digital infrastructure investment.



Truth is Beauty: Marco Cochrane, Sculptor

Lit San Leandro

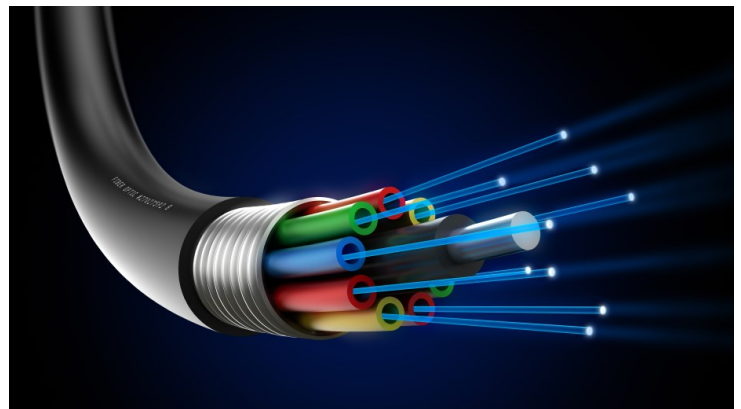
Local government plays a critical role in developing and maintaining a healthy, connected ecosystem in which its residents, businesses and visitors can thrive. As a result, *Lit San Leandro*, fiber optic infrastructure for the digital age, was created:



- In 2011, a 10 gigabit per second, 10.5 mile fiber optic network was developed through a unique public-private partnership.
- In 2012, the **US Department of Commerce—Economic Development Administration** approved a \$2.12 million matching grant to expand the conduit infrastructure. The fiber optic network will grow to 19+ miles upon completion in 2016.

***Lit San Leandro* is providing infrastructure needed to transform our City into a digitally connected community:**

- *Connected Businesses*: Over three-million building square feet and more than 200 businesses have been connected to Lit San Leandro since 2012
- *Connected Schools*: In 2016, all San Leandro Unified School District sites will be connected to a 10 gigabit per second dedicated, ubiquitous fiber optic connection to the internet. Given San Leandro's ethnically diverse population, Lit San Leandro provides a unique tool for bridging the digital divide.



Continuing to build on the fiber optic network, the City is exploring development of a city-wide, distributed renewable energy micro grid project through a public-private partnership designed to meet Climate Action Plan goals adopted in 2009. The **Connected Renewal Energy Micro Grid** will reduce greenhouse gas production and energy costs, create local jobs, and increase real estate values and energy security.

Make it in America: Manufacturing Resurgence

San Leandro boasts a strategic Bay Area location, flexible industrial building stock, a highly-skilled workforce, competitive lease and purchase rates and a high-speed fiber optic network that traverses the industrial area.

- San Leandro’s industrial area encompasses 25% of its land area, providing two-thirds of its jobs.
- Once a manufacturing powerhouse, the following buildings have been transformed:

- Former Chrysler Dodge Auto Plant: now *The Gate*, home to makers and artists
- Former Kellogg’s Plant: transitioned from making Pop Tarts to *21st Amendment* craft beer
- Former Del Monte Cannery: now *San Leandro Tech Campus*, home to “Truth is Beauty”
- Former Hudson Lumber Pencil Factory: now *Preferred Freezer*, home to massive “Pulse of Nature” public mural

Funding Request



Congressmembers Barbara Lee & Steny Hoyer visit Type A Machines: “Make it in America”

Project	Funding Requested
<p>Smart San Leandro: Continue to Build Fiber Optic Infrastructure: Expand existing free downtown Wi-Fi City-wide to be built on access points along Lit San Leandro’s 19+ mile fiber optic network.</p>	\$5 million
<p>Smart San Leandro: Build Distributed Renewable Energy Micro Grid: Capital start-up costs to include City-owned assets in renewable energy micro grid PPP project.</p>	\$10 million
<p>Humanize the Industrial District: Large Scale Industrial Art and Mural Projects: Seed funding to commission large scale industrial art and mural projects, linking local artists with industrial businesses to create a sense of place and engage people at street level.</p>	\$1 million

360’ x 60’ “Pulse of Nature” mural adjacent to BART at 247k sf Preferred Freezer facility

