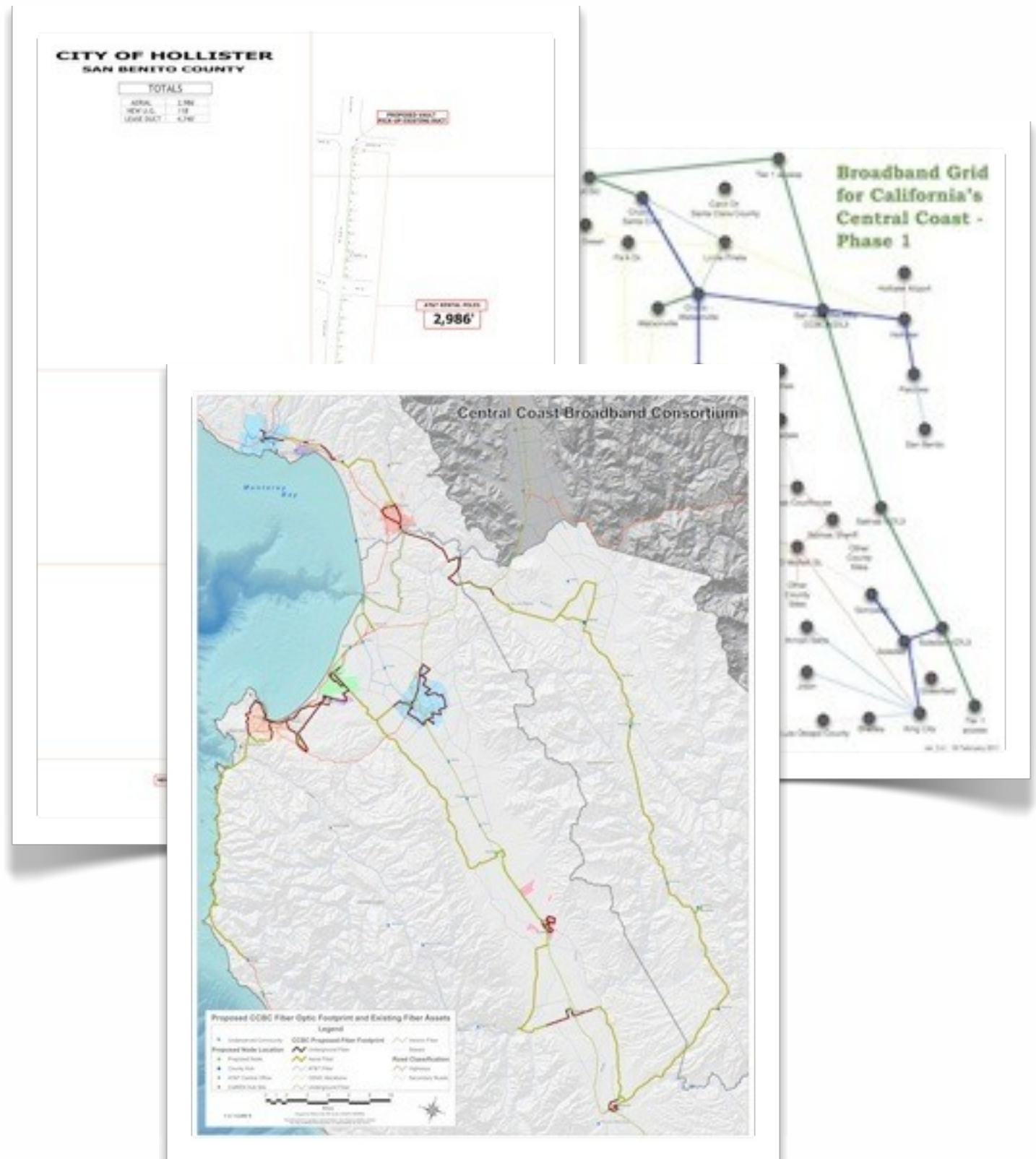




Central Coast
Broadband Consortium

California Advanced Services Fund Update and Draft Priority Framework

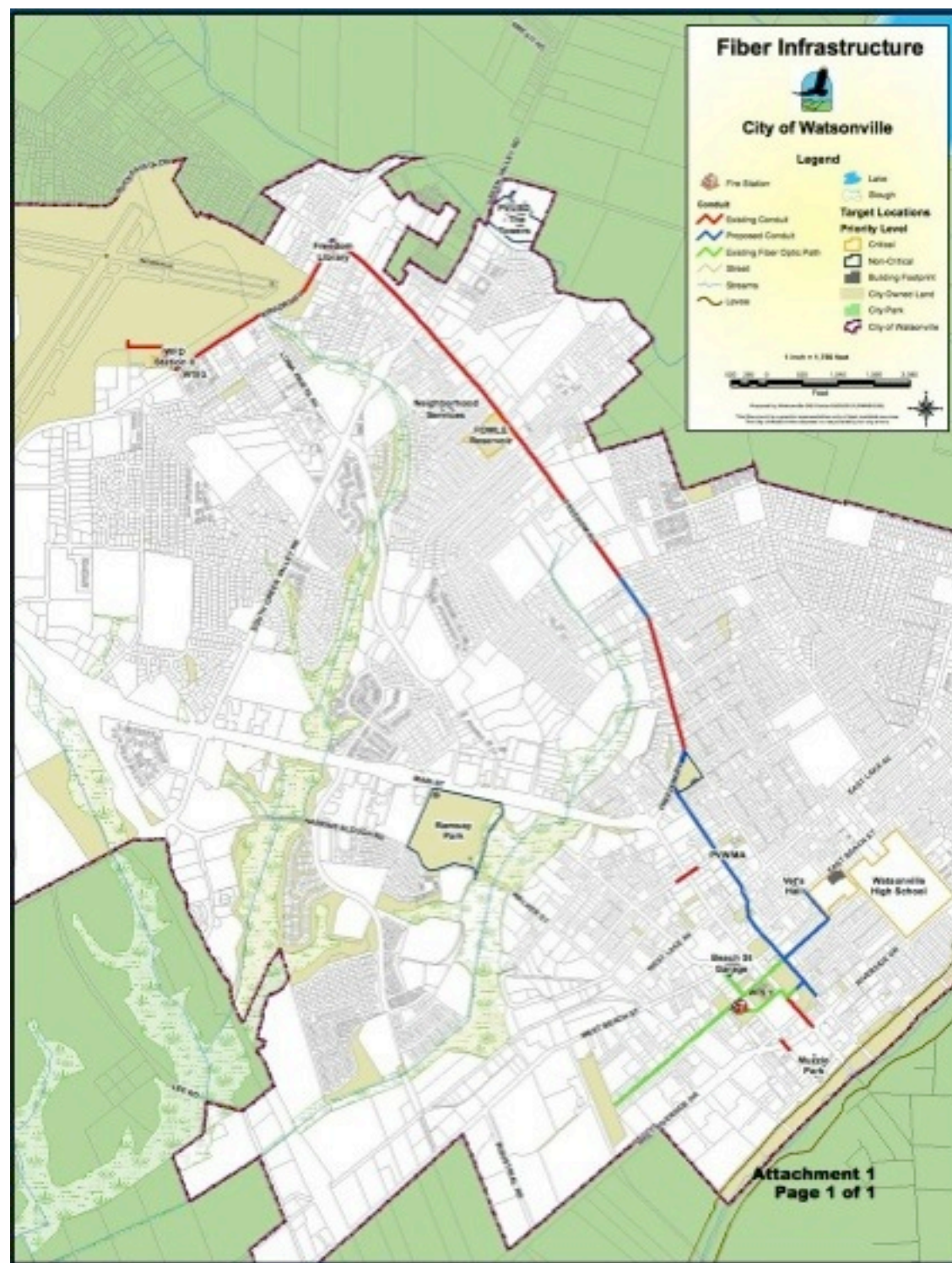
- Priority is infrastructure and economic development.
- Funded by CPUC.
- Assist with grant applications.
- Broadband asset inventory.
- Model policy development.
- Continuing vision and roadmap for broadband development.



Santa Cruz County adopting broadband policy

- Moving responsibility to Public Works.
- Broadband infrastructure subject only to encroachment process, like other utilities
- “Dig once”, infrastructure standards, shadow conduit.
- Model for region and state.



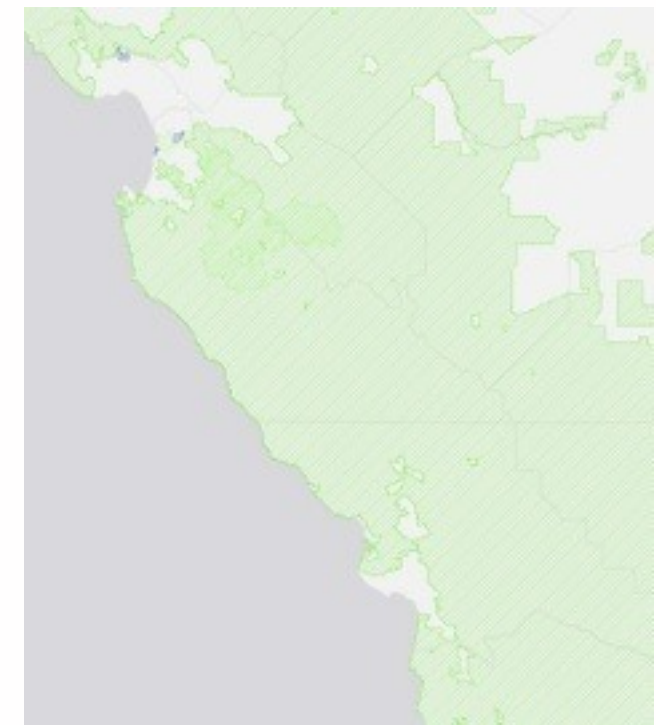
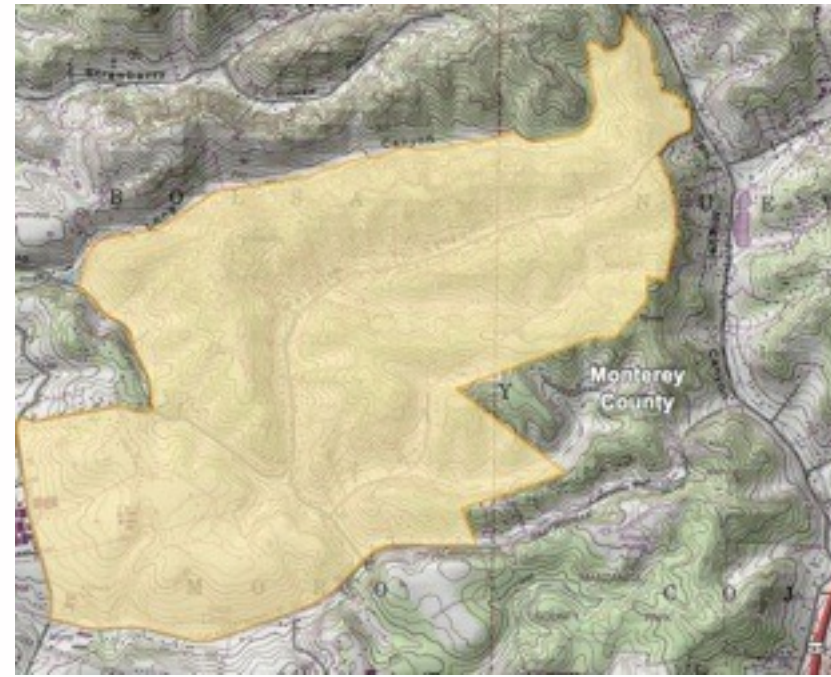


Mapping leads to muni
broadband projects

Watsonville replacing Charter
fiber, Salinas considering loop

The map displays the Salinas Valley region with a proposed high-speed rail route highlighted in blue. The route begins in Santa Cruz, travels south through Watsonville, Castroville, Salinas, Chualar, Gonzales, and terminates in Soledad. Major highways are shown in green, including CA-1, CA-25, CA-152, CA-101, and US-101. The map also indicates the boundaries of Monterey and San Benito counties. The Salinas River is shown in light blue, flowing through the valley. The proposed route follows the river closely for much of its length, particularly between Castroville and Salinas, and then continues south through the agricultural fields of the valley.

Santa Cruz -
Watsonville -
Castroville - Salinas -
Chualar - Gonzales -
Soledad



Six last mile projects for
three counties

Redshift in Chualar, Surfnet in
Santa Cruz & Monterey,
Pinnacles Telephone in San
Benito, Etheric region-wide

CASF Projects – Current Round

	Grant	Loan	Applicant	Counties	Technology
Approved					
Big Dipper	\$117,000		Forest Hill Telephone Company	Placer	Wireless
Klamath River Rural Broadband	\$6,602,422		Karak Tribe	Humboldt	Fiber/wireless
Pinnacles Monument	\$195,299		Pinnacles Telephone Company	San Benito	DSL
Big Creek	\$898,574		Ponderosa Telephone Company	Fresno	FTTH/DSL
Boron	\$3,426,357		Race Telecommunications	Kern	FTTH
Kern County High Desert	\$12,583,343		Race Telecommunications	Kern	FTTH
Olinda	\$1,833,689		TDS Telecom	Shasta	DSL
Winterhaven	\$2,063,967		TDS Telecom	Imperial	DSL
Boonville Last Mile	\$122,931	\$40,977	WillitsOnline	Mendocino	DSL
Westport	\$149,364		WillitsOnline	Mendocino	DSL
	<u>\$27,992,946</u>	<u>\$40,977</u>			

Scheduled for 19 December 2013

Beasore - Central Camp	\$1,755,042		Ponderosa Telephone Company	Madera	FTTH
Cressman	\$1,027,380		Ponderosa Telephone Company	Fresno	DSL
	<u>\$2,782,422</u>				

Under active review

Nevada County Connected	\$16,566,311	\$500,000	Bright Fiber Network	Nevada	FTTH
Rancho Tehama FTTH Network	\$3,107,706		Ducor Telephone Company	Tehama	FTTH
Northern California Regional	\$119,394,315		Golden Bear Broadband,	North California	Fiber
Middle Mile Infrastructure			Siskiyou Telephone Company		
DLC Upgrade	\$945,000		Ponderosa Telephone Company	Madera, Fresno	DSL
Wishon	\$2,029,848		Ponderosa Telephone Company	Fresno	DSL
Mono	\$4,650,593		Race Telecommunications	Mono	FTTH
Broadband for Inyo County	\$1,414,725	\$452,712	Schat Communications	Inyo	Wireless
Broadband for Mono County	\$1,450,477	\$482,688	Schat Communications	Mono	Wireless
Shasta County Telecom	\$2,500,000		Shasta County Telecom	Shasta	Wireless
Connected Central Coast	\$11,970,000		Sunesys	Monterey, Santa Cruz	Fiber
Surfnet Monterey Dunes	\$58,404	\$19,468	Surfnet Communications	Monterey	FTTH
Surfnet Paradise Road	\$121,536	\$40,512	Surfnet Communications	Monterey	FTTH
Broadband Via Satellite for Calif	\$11,130,997		ViaSat, Inc.	Western California	Satellite
Subtotal	<u>\$175,339,912</u>	<u>\$1,495,380</u>			

CPUC wants priority list

Will use to fast track projects

CASF eligibility

- Under or unserved area
- Eligible applicant(s)

Project impact

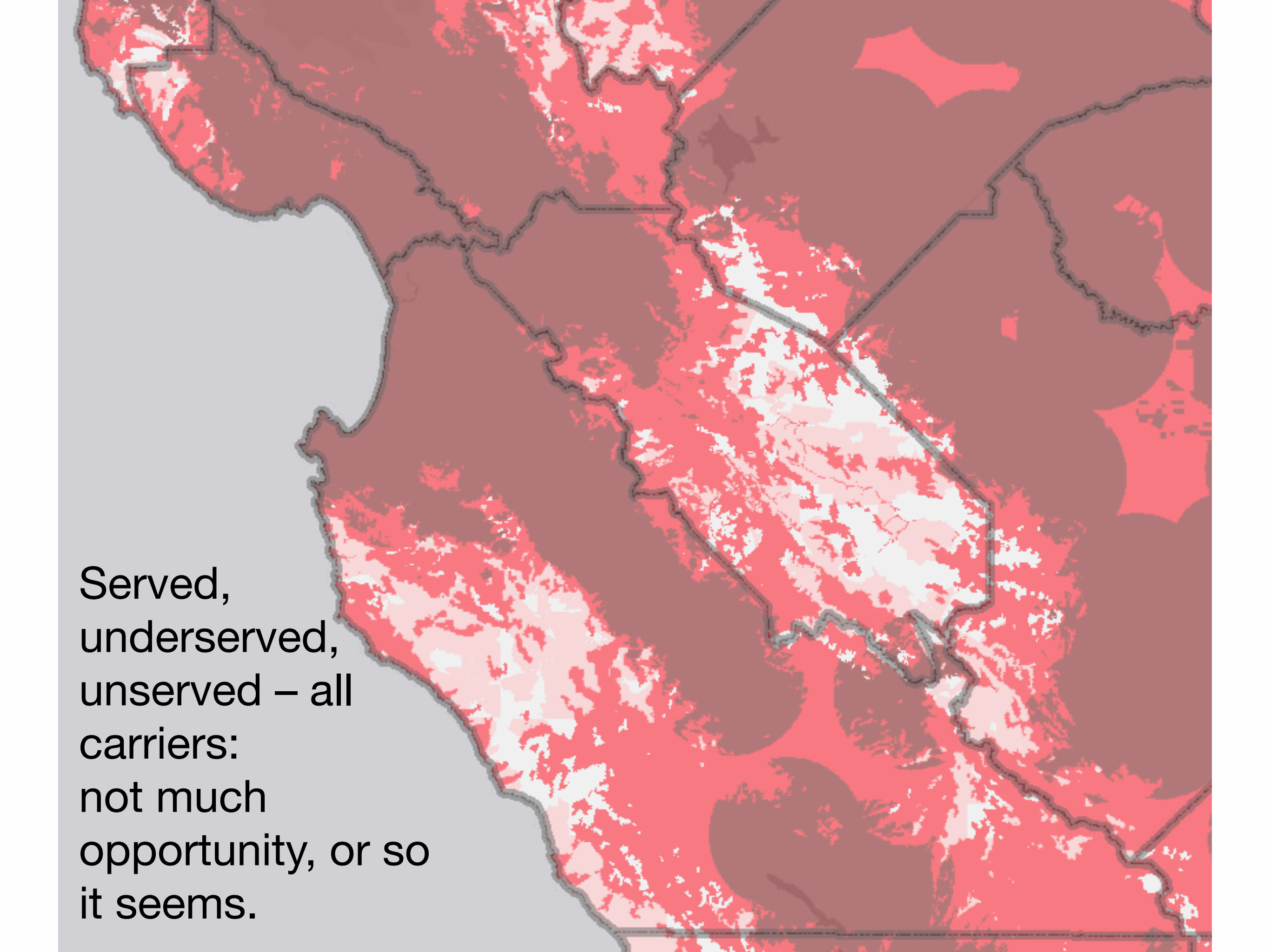
- Number of households
- Average income
- Business needs
- Anchor institutions

Feasibility

- Credible applicant(s)
- Population density
- Average income
- Available resources

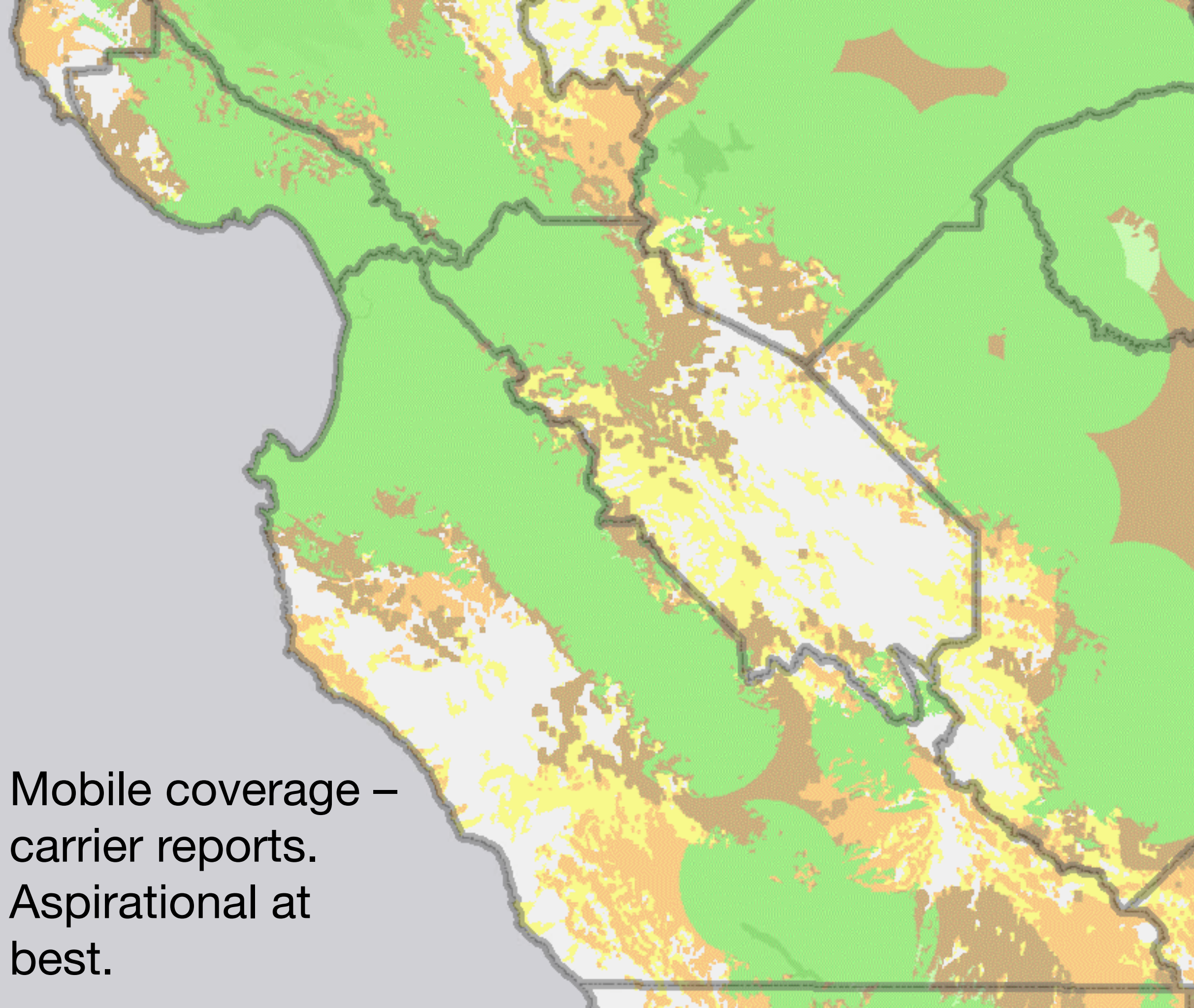
CCBC draft framework

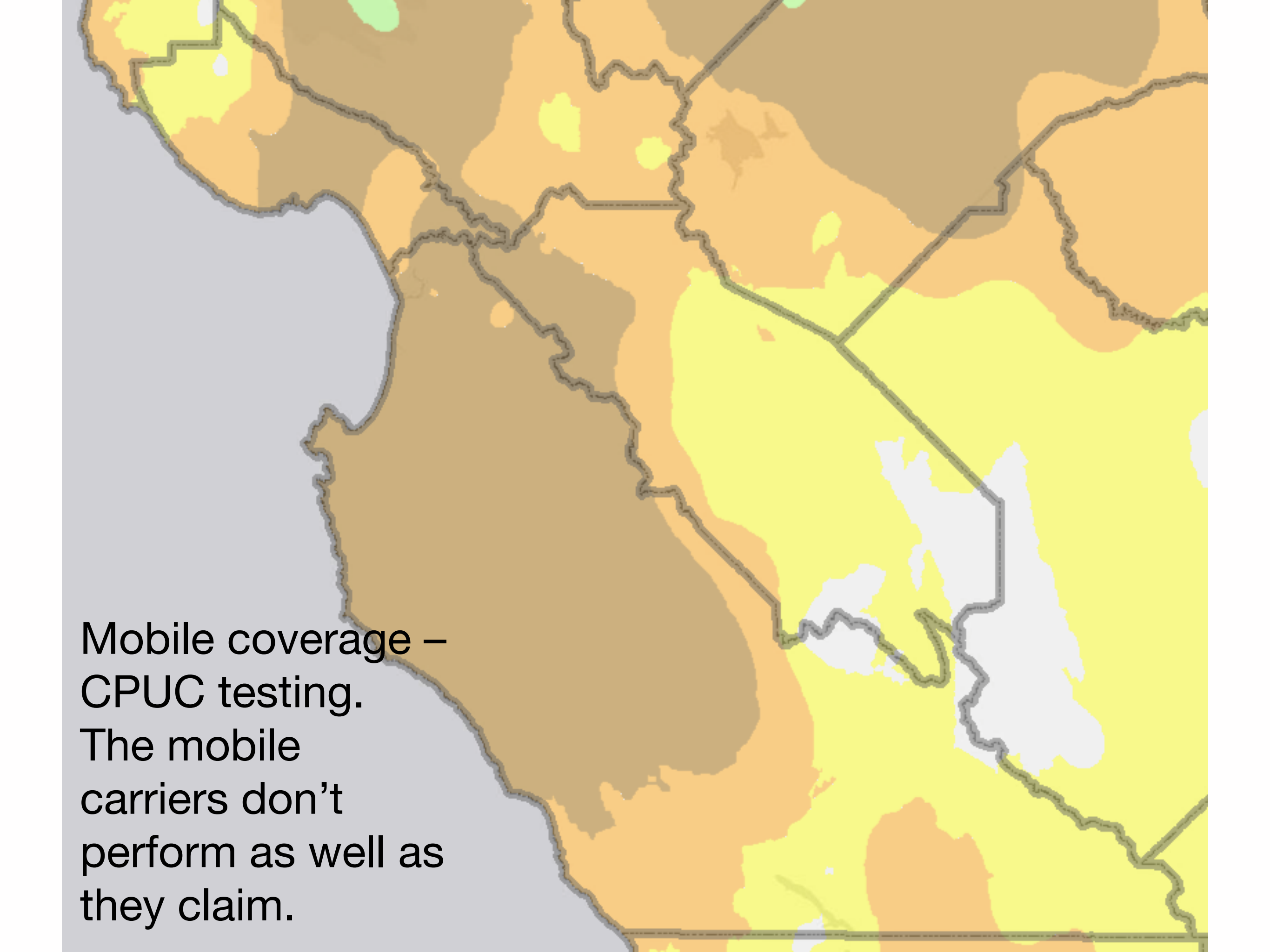
Goal is immediate CASF funding
for most impactful projects



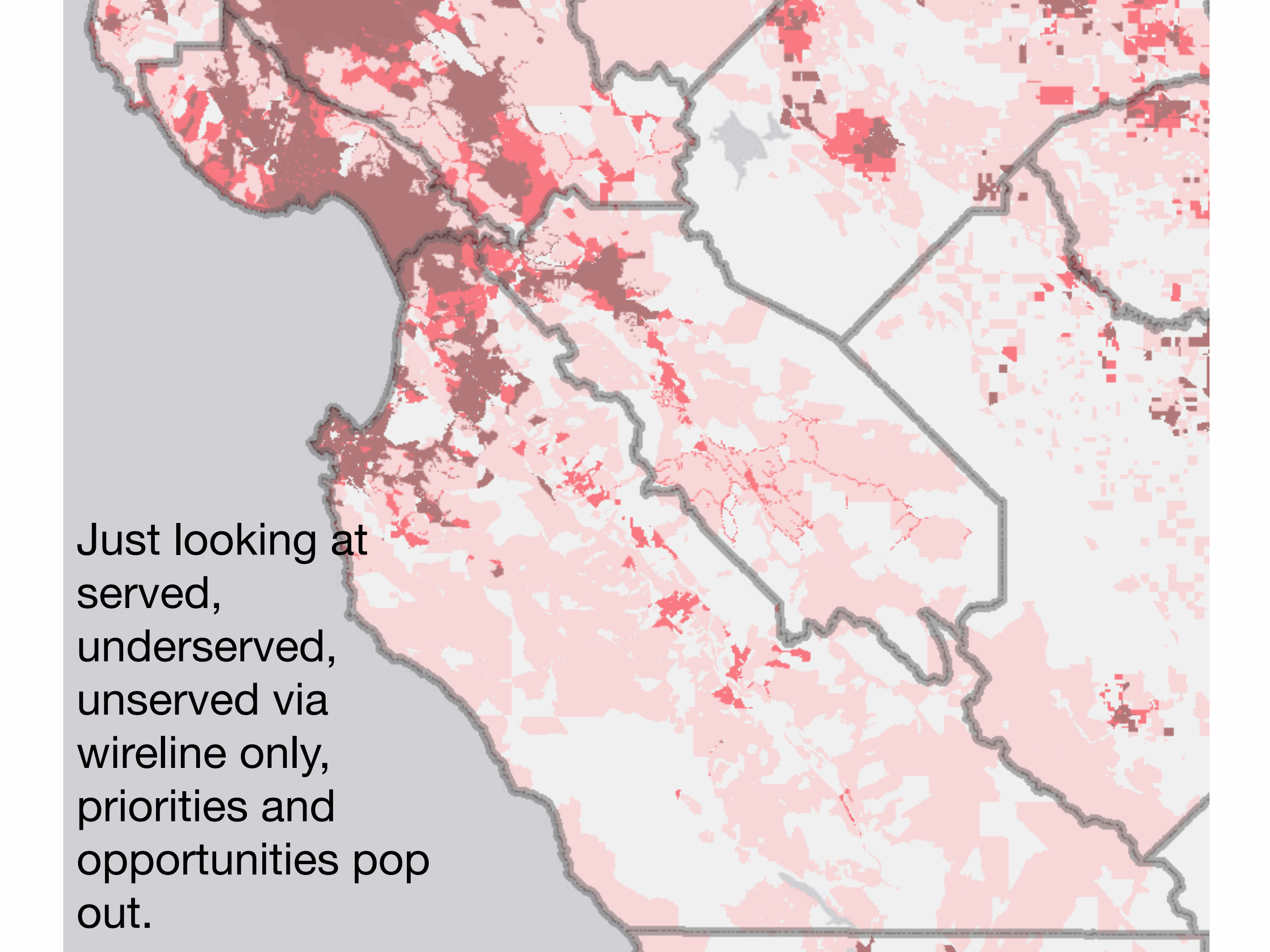
Served,
underserved,
unserved – all
carriers:
not much
opportunity, or so
it seems.

Mobile coverage –
carrier reports.
Aspirational at
best.





Mobile coverage –
CPUC testing.
The mobile
carriers don't
perform as well as
they claim.



Just looking at
served,
underserved,
unserved via
wireline only,
priorities and
opportunities pop
out.

Map analysis

- Eligibility and demographic information
- Pre-application analysis

Service providers

- Data & support available to all on a neutral basis

CCBC, public and interested party review

- Via Civinomics.com platform

Expert group review

- Technical & economic development
- Will seek consensus

CPUC will vet and approve

- Supporting data for list
- Detailed data for applications

Process

Done by end of February



Central Coast
Broadband Consortium