



California Public Safety Broadband Statewide Planning

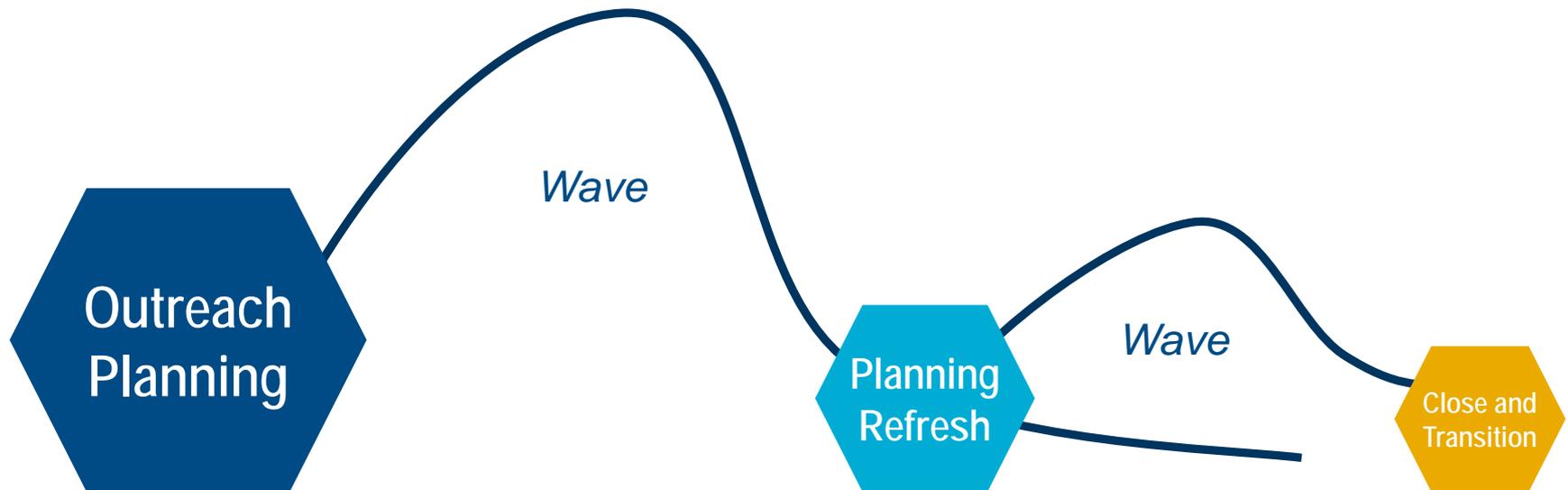
California 9-1-1 Advisory Board Meeting
Outreach Planning Update
August 21, 2014

- **Plan and Progress**
- **Recent and Upcoming Events**
- **Looking Ahead**

Education and Outreach Plan

Outreach Wave Approach

14-AUIA-HHUA-SO-111



Outreach approach features successive waves to reduce risk, improve effectiveness, and increase outreach quality

Project Schedule – 1st Wave of Outreach

- The schedule is a plan being continuously revised as we lock in specific dates and venues for the town halls and conference presentations
- First 2 Town Halls: July 16th in Lake County and August 13th in Bakersfield
- Two more town halls scheduled for the end of September

ID	Task Name	% Complete	Duration	Start	Finish	2014												2015			
						Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
36	3. Conduct Outreach - Wave A	12%	100 days	Thu 6/5/14	Mon 10/27/14																
37	Work Package NTP (Wave A)	0%	2 days	Wed 6/11/14	Thu 6/12/14																
38	Develop Presentation & Survey	34%	21 days	Fri 6/13/14	Mon 7/14/14																
39	Working telcon to determine presentation & survey content	50%	1 day	Fri 6/13/14	Fri 6/13/14																
40	Schedule & conduct telcon to agree on FirstNet talking points	50%	5 days	Mon 6/16/14	Fri 6/20/14																
41	Develop presentation document	50%	5 days	Mon 6/23/14	Fri 6/27/14																
42	Develop survey document	50%	5 days	Mon 6/23/14	Fri 6/27/14																
43	Perform internal technical review	50%	1 day	Fri 6/27/14	Tue 7/1/14																
44	Perform final edits, white glove review and distribute to Customer for review	50%	1 day	Wed 7/2/14	Wed 7/2/14																
45	Customer reviews draft presentation and survey, and returns comments	0%	5 days	Thu 7/3/14	Thu 7/10/14																
46	DELIVERABLE 3: Update and complete presentation document	0%	2 days	Fri 7/11/14	Mon 7/14/14																
47	DELIVERABLE 4: Update and complete survey document	0%	2 days	Fri 7/11/14	Mon 7/14/14																
48	Coordinate and Schedule presentation sessions, incl. attendees, venue, notices	0%	100 days	Thu 6/5/14	Mon 10/27/14																
49	Townhall #1: Lake County	100%	11 days	Thu 7/10/14	Thu 7/24/14																
54	Townhall #2: Bakersfield	0%	18 days	Tue 7/29/14	Thu 8/21/14																
59	Townhall #3: Fairfield	0%	18 days	Tue 9/9/14	Thu 10/2/14																
64	Townhall #4: Santa Ana	0%	18 days	Mon 9/15/14	Wed 10/8/14																

EXPEDITED

Revised Town Hall Schedule

- **Lakeport – Wed., 7/16** **COMPLETE**
- **Bakersfield – Wed., 8/13** **COMPLETE**
- **Fairfield – Wed., 9/24**
- **Santa Ana – Tues., 9/30**

More Education and Outreach Activities

- **Issued FirstNet in California Survey**
Questions include
 - How do you use mobile data today?
 - What are your priorities?
 - How many users?
- **Coordinated DHS OEC Broadband Consultation Prep Workshop**
 - 8/26, 10860 Gold Center Dr., Rancho Cordova (Sacramento)
 - 9:00 – 10:00 CalFRN Board Meeting
 - 10:15 – 4:00 Workshop

The Department of Homeland Security, Office of Emergency Communications
The California Governor's Office of Emergency Services Public Safety Communications

PUBLIC SAFETY BROADBAND CONSULTATION PREP WORKSHOP

TUES. 08.26.14 | 9:00AM - 4:00PM

California Department of Technology | Training & Education Center
10860 Gold Center Dr., Ste. 100 | Rancho Cordova, CA 95670



Participate in the Success of California's Dedicated Public Safety Broadband Network!

Don't miss your chance to provide valuable input on California's incoming consultation process! FirstNet was created by Title VI of the Middle Class Tax Relief and Job Creation Act of 2012. The law includes provisions to fund and govern a nationwide public safety wireless broadband network.

- Learn about OEC's coverage baseline, national trends, users and future network service
- Provide critical input on California's unique needs and challenges in rural, urban and tribal lands
- Meet California's governance board—the California First Responder Network Board of Directors

This workshop is for first responders, IT directors, public safety officials and administrators, telecommunications technical experts, military, (army, navy, & coast guard) border patrol, port authority, private industry, tribal and federal entities.



FirstNet Vision

To provide emergency responders with the first nationwide, high-speed, wireless broadband network dedicated to public safety

REGISTER NOW | SPACE IS LIMITED TO FIRST 100 REGISTRANTS
Register by email CalFRN@caloes.ca.gov or phone at 916-657-9172

For more information contact FirstNet in California at:
CalFRN@caloes.ca.gov | 916-657-9466 | 916-657-9172

Refining the Process

- Documented Lessons Learned from first town hall in Lakeport, including
 - Invites, venue, AV and Internet, agenda
 - Speakers, panel members, content
- Established town hall themes, adding intro videos from FirstNet
 - Fire, EMS, law enforcement
- Developed outreach materials
 - CalOES NPSBN Fact Sheet
 - Cal OES SLIGP Fact Sheet
 - FirstNet in California infographic

FirstNet by the Numbers

VISION

To provide emergency responders with the first nationwide, high-speed, wireless broadband network dedicated to public safety



THE LAW
2.22.12
 FirstNet becomes Law
 PL 112-96

FUNDING

\$7B authorized to build the FirstNet Network. Funded by spectrum auctions through 2022. The first auction netted



GOVERNANCE

FirstNet Board of Directors **15** members have backgrounds in police, fire, sheriff, emergency medical, city government, and commercial telecommunications. Governor appoints **1** single Point of Contact and governing body to represent the state's interests to FirstNet. **41** member Public Safety Advisory Committee (PSAC) advises FirstNet on public safety intergovernmental matters.



\$1.6B

20MHz of bandwidth has been dedicated to public safety in the prime **700MHz** frequency range.

WHO WILL USE FIRSTNET

5.4 Million Potential FirstNet public safety users nationwide



3,800,000 Square Miles
60,000 Public Safety Agencies
3,250 Counties
566 Tribes

FirstNet must provide service in all **50** US states, **5** territories, and Washington, DC.

THE COVERAGE CHALLENGE

FirstNet coverage challenge: geography is divided into 5 categories. Dense urban, urban and suburban are where most people live, but make up only **5%** of the US land mass.



FIRSTNET NETWORK

To meet this challenge, FirstNet is considering a 3-in-1 network architecture using land-based cellular, satellite and deployable systems to provide coverage.



4G LTE is 10x faster than 3G wireless service

2014-2016

Business plan
 Outreach and awareness
 Collect local data and design network
 Develop and award supplier RFP
 Establish network core

THE ROAD TO FIRSTNET

HOW MUCH WILL IT COST?

To offer public safety grade services at a cost that's competitive and compelling to users.
 - FirstNet Tenet

2016+
 Governor reviews design offer and opts in or out of FirstNet network deployment
 Integrate Next Generation 9-1-1

2022

Last spectrum auction
 Network substantially in operation

FirstNet in California

For more FirstNet facts visit: www.firstnet.gov

Major Sources: Public Law 112-96, "Middle Class Tax Relief and Job Creation Act of 2012." Further re found in Title XI of PL 112-96, entitled "Public Safety Communications and Emergency Services Act." House, L. 112th March 19, The First Responder Network and Next-Generation Communications for Public Safety, Issues for Congress, Congressional Research Service (CRS).

This poster was prepared by SAC under contract with the Oregon Department of Transportation using funds under award 41-10-012041 from the National Telecommunications and Information Administration (NTIA), U.S. Department of Commerce (DOC). The information, findings, conclusions, and recommendations are those of the author(s) and do not necessarily reflect the views of the NTIA, DOC, or FirstNet.



DOC: OES-PSBN-14-02

Recent and Upcoming Events

• Lakeport Town Hall

- 7/16, well attended, filled hall. 54 in-person, 50 online attendees
- General focus; included law enforce, fire, EMS, telecom mgr, national guard, tribal
- Concerns incl. rural vs. metro funding and coverage, timely invites
- Video on YouTube:

<http://youtu.be/5Yx68eqCNt0>

• Bakersfield Town Hall

- 8/13, 63 in-person, 29 online
- Focus on Fire, but also included law enforce, EMS, CSU, tribal, comms mgr, probation, Cal SIEC
- For improvement: Need to better engage panel and audience



Conferences and Meetings

- **San Bernardino County Operational Area Coordinating Council (OACC)**
 - 8/7, Rancho Cucamonga. OACC consists of EM reps for 24 cities/towns
 - Approx. 30 attendees, included emergency mgrs, SoCal Edison, USMC, Red Cross
 - Patrick Kempker, SAIC SoCal team member, presented
- **Northern California APCO**
 - 8/14, Vacaville, well attended. Engaged audience, asking lots of questions.
 - Videotaped and will be posted on APCO site
 - Online President's Message featured Lakeport
 - Western Region APCO – Sacramento, April 2015
 - Presenters: Mike Boyden, SAIC, and Hector Rodriquez, Cal OES



Upcoming Events

Town Halls scheduled for September are:

- **Fairfield Town Hall**
 - Wed., 9/24, 10:00 – 12:30
 - Government Center, 675 Texas St.
 - Theme: EMS/telemedicine

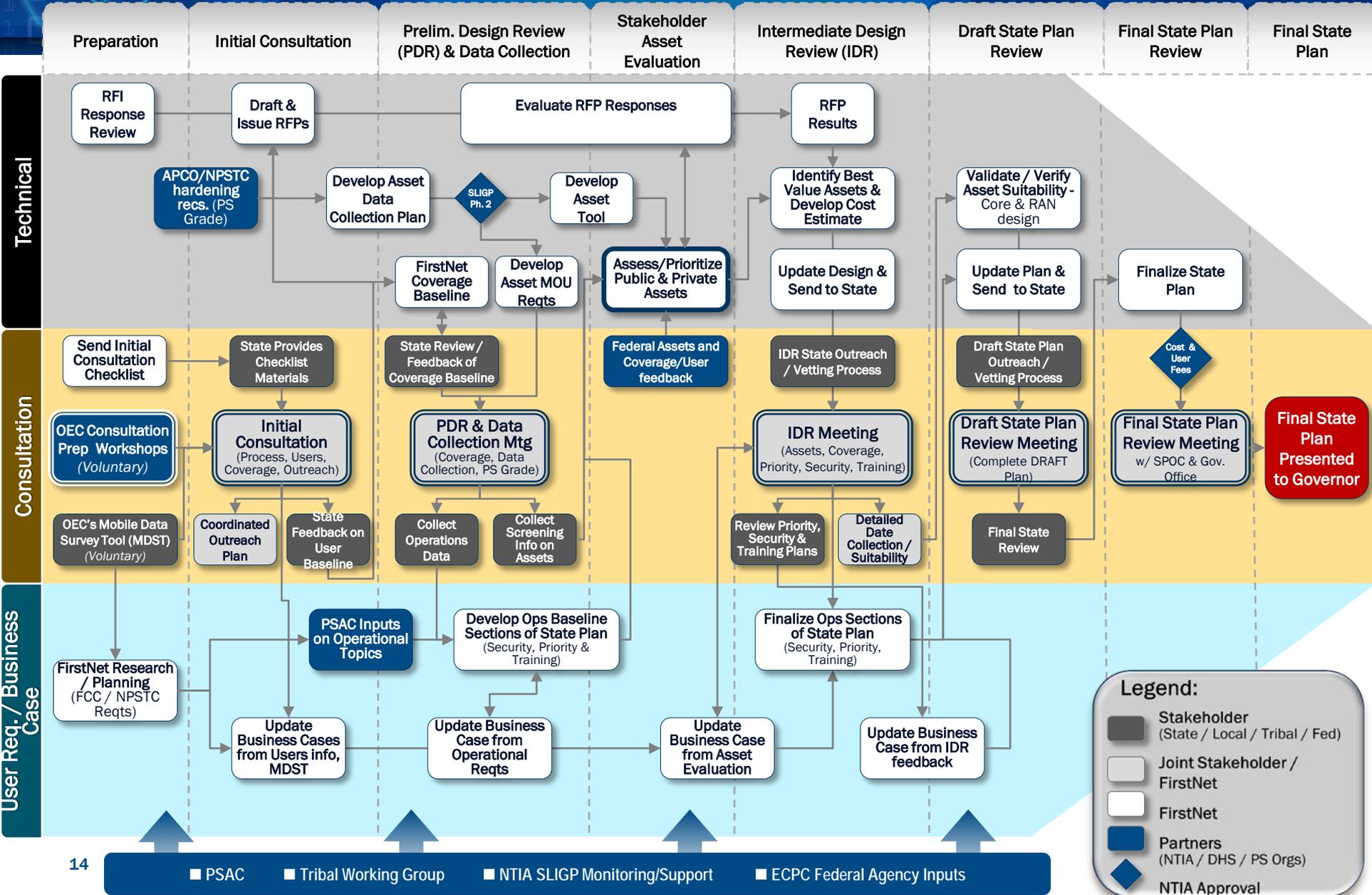
- **Santa Ana Town Hall**
 - Tues., 9/30, 10:00 – 12:30
 - Santa Ana PD, 60 Civic Center Plaza
 - Theme: Law enforcement





Looking Further Ahead

Preliminary Consultation and State Plan Process



FirstNet Timeline

2014-2016

Roadmap
Outreach and awareness
Collect local data and design network
Develop and award comprehensive RFP
Establish network core

THE ROAD TO FIRSTNET

2016+

Governor reviews design offer and opts in or out of FirstNet network deployment
Integrate Next Generation 9-1-1

2022

Last spectrum auction
Network substantially in operation

SAIC

Next Steps for 9-1-1 Advisory Board

In planning and performing outreach in California, we need Advisory Board members' support to:

- Encourage town hall participation
 - Spread the word
 - Your staffs and peers
 - In person or online
- Encourage survey participation
 - A good way to begin thinking about your area's coverage needs
- Will be asking you for input regarding conferences and speaking events
 - Vet and prioritize conference list
 - Top 3-5 recurring events attended by your stakeholders



Questions

- **Greg Hamilton, PMP | SAIC**
Senior Program Manager
mobile: 916-549-9732
hamiltong@saic.com | saic.com

- **Mike Boyden, PMP, PE | SAIC**
Program Director
mobile: 925-984-9082
mike.boyden@saic.com | saic.com