



California Public Safety Broadband Statewide Planning Update

State 9-1-1 Advisory Board
May 21, 2014

SAIC

- **Vision and Network**
- **Governance and Outreach**
- **Process and Next Steps**
- **Questions and Answers**



VISION:

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

“FirstNet will be a force multiplier, enabling collaboration to help save more lives, solve more crimes and keep communities safer.”

Jeffrey D. Johnson, Chief (Ret.)
Chief Executive Officer — Western Fire Chiefs Association
FirstNet Board Member

SAIC®

FirstNet will Offer California Public Safety Users:



Communication

- Video
- Voice (non-mission critical)
- Messaging
- SMS/Text
- Data (Internet)



Applications

- CAD, RMS, NLETS
- FirstNet applications (e.g., AVL)
- Syndicated applications
- Currently used Agency applications

Services

- Records management
- Data storage
- Audio storage
- Database inquiries

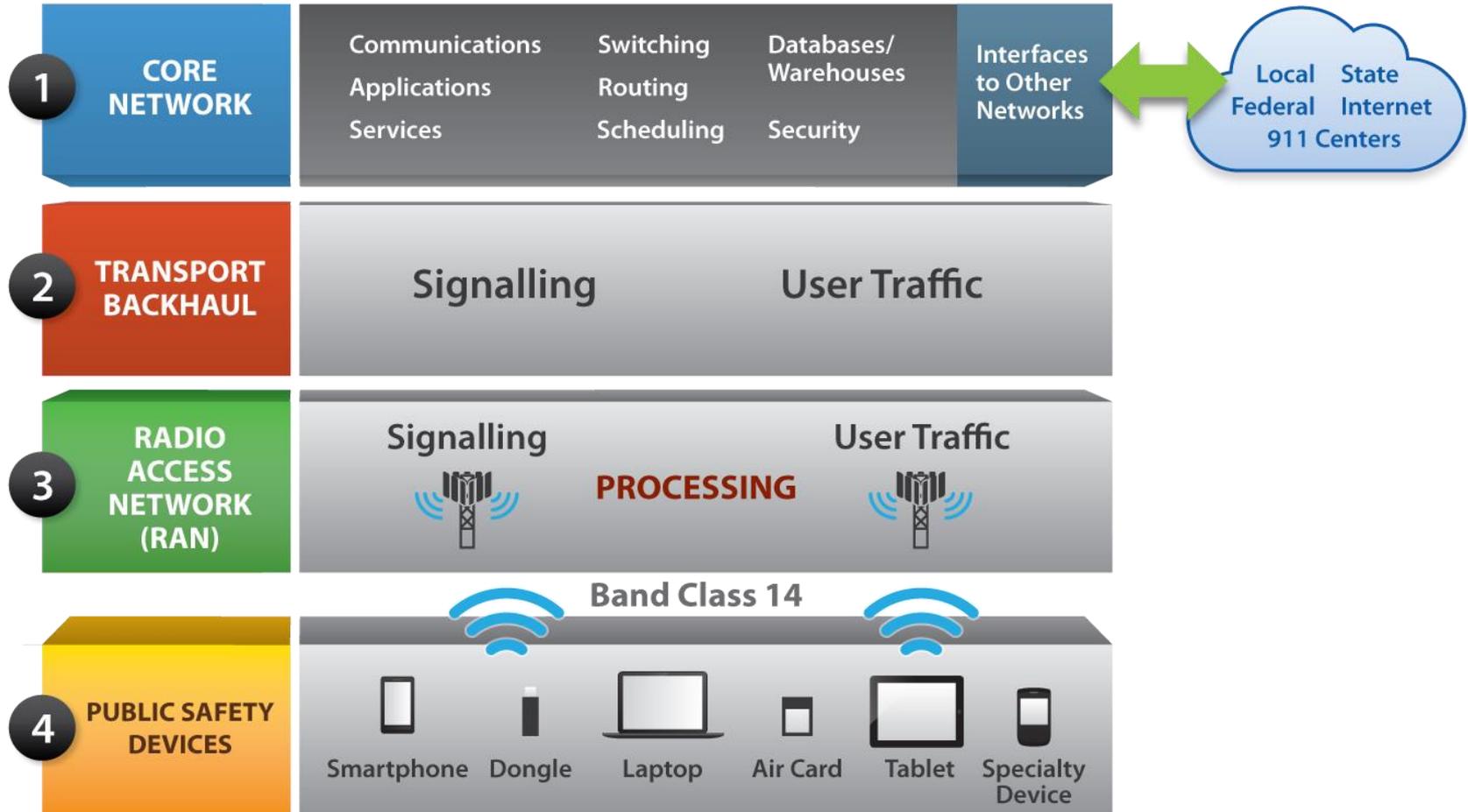


Capabilities

- Network monitoring and status
- Integrated solution and services
- Priority
- Hardened and secure
- Provisioning

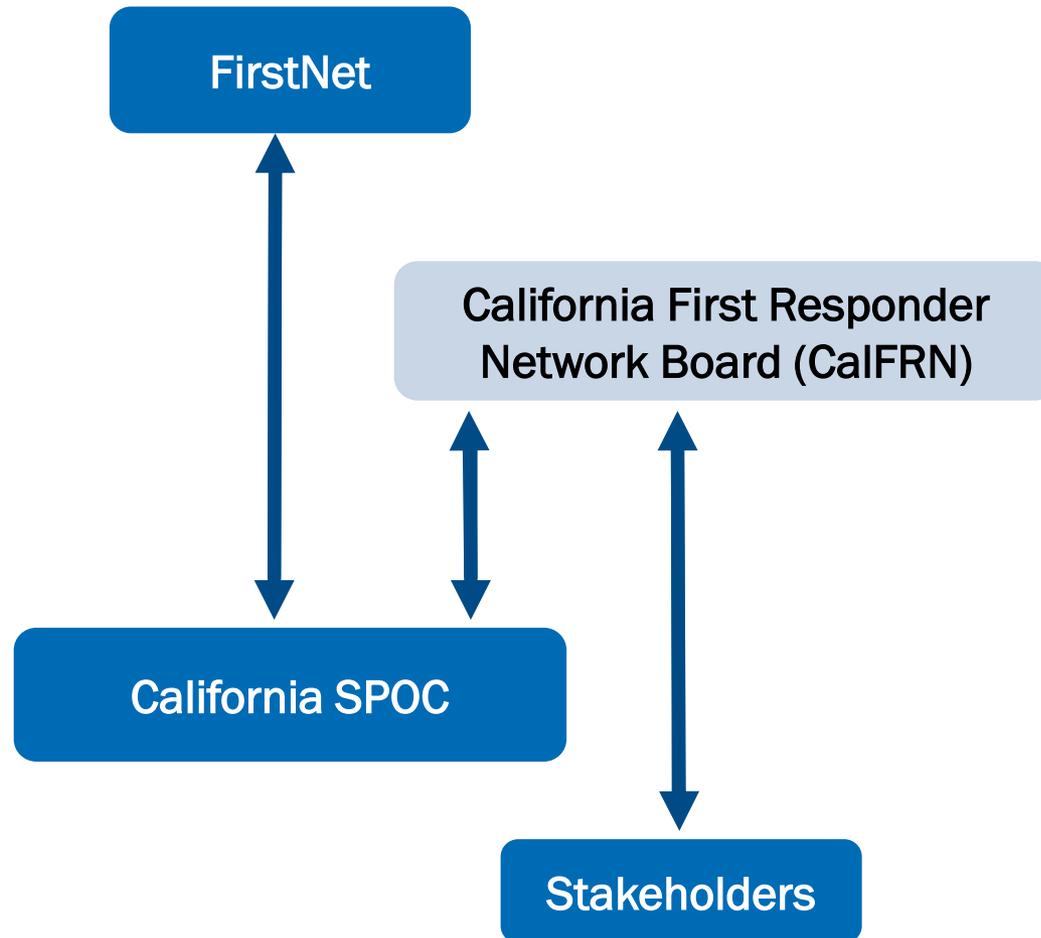


FirstNet LTE Network Building Blocks

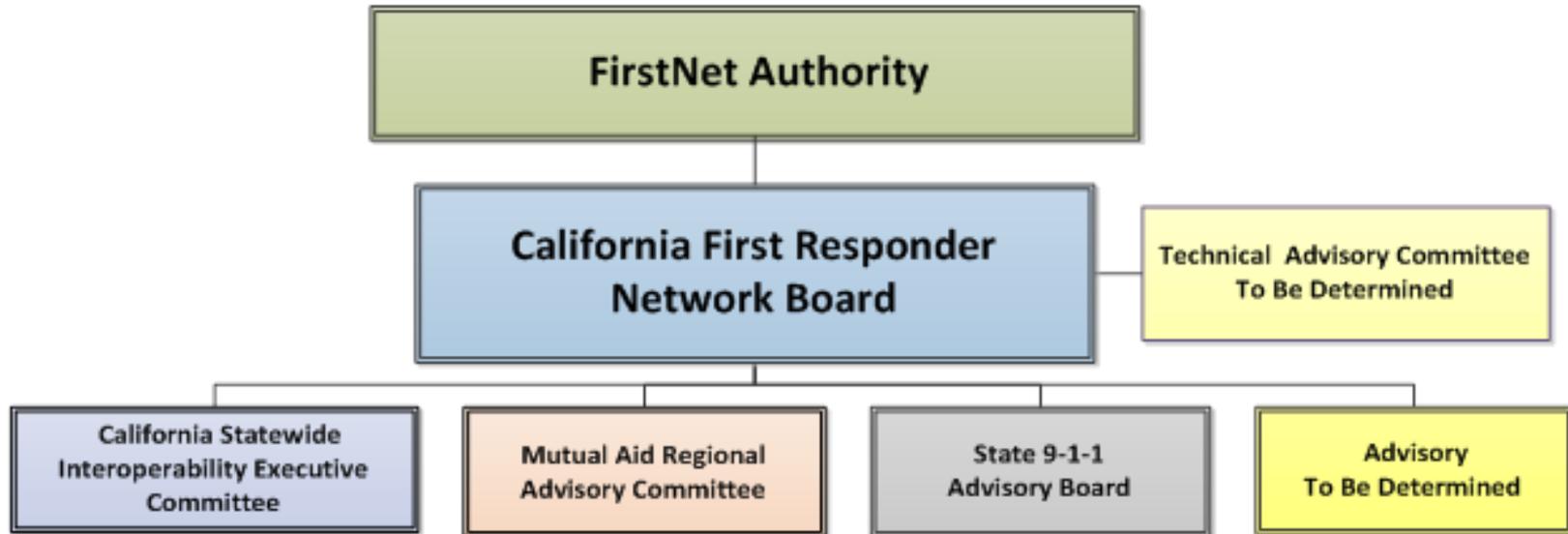


Governance and Outreach

California First Responder Network Board - CalFRN



CalFRN Advisory Committees



Advisory committees add to the Board's operational strength

Cal OES PSBN Education and Outreach

Governor's Office Cal OES is responsible for representing California public safety at the federal level

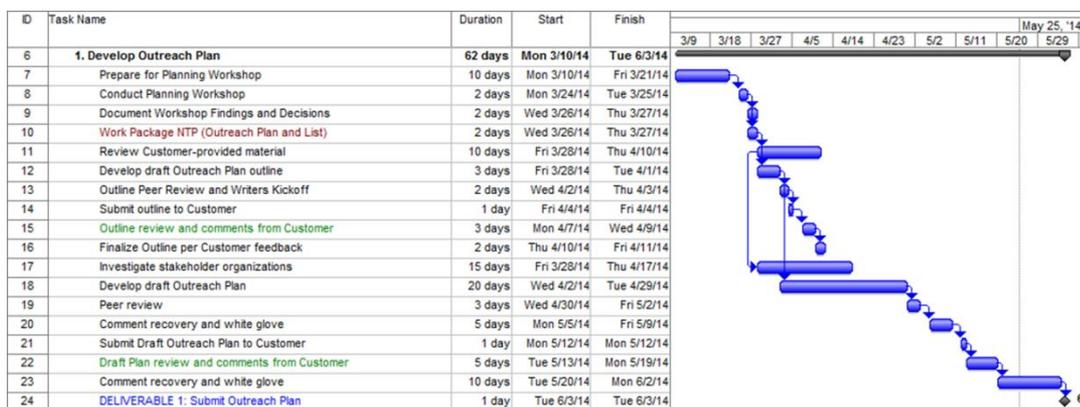
- **Acts as single point of contact to FirstNet (SPOC)**
- **Chairs the California First Responder Network Board (CalFRN)**
- **Responsible for performing under the NTIA SLIGP grant**



Cal OES PSBN Education and Outreach

In executing the outreach requirements of the grant,

- Added three analysts to form Cal OES core team
- Hired public safety broadband consultant SAIC
- Held team kick-off/planning workshop in April
- Developing Education and Outreach Plan
- Working with DHS OEC to schedule coverage objectives workshop in August



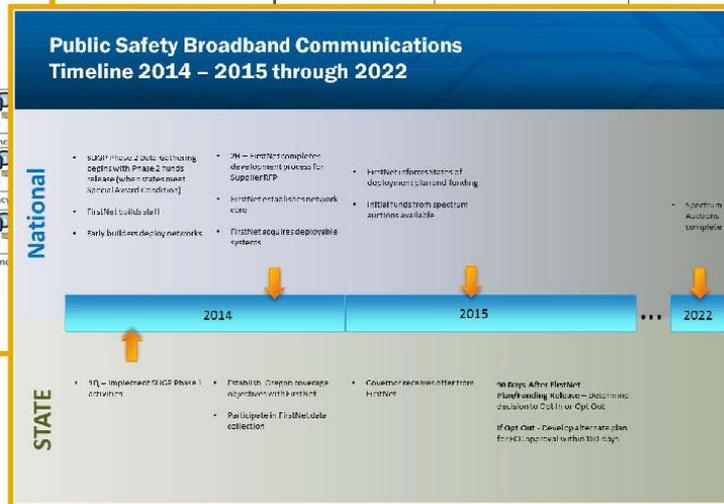
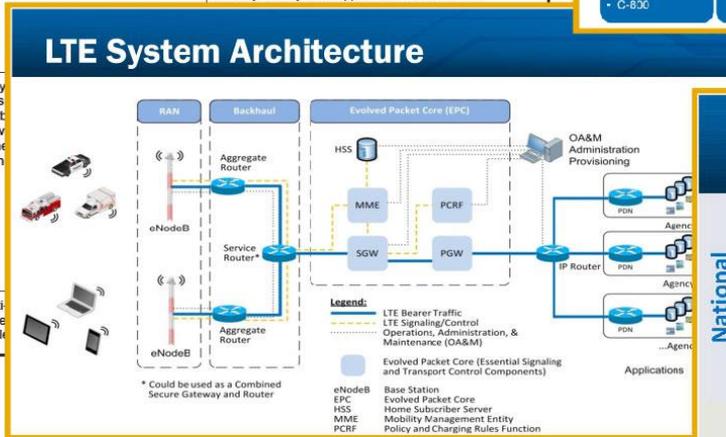
SAIC's Public Safety Broadband Planning Experience

14-AUIA-HHJA-SO-102

Planning, Deployment, and Operations Risks and Potential Mitigations		
No.	Risk	Potential Mitigation
<i>Business or Organizational Risks</i>		
1.	As a rural state with low population density, Oregon may not receive the attention that other states may when vying for the limited implementation grants for initial consultation and coverage needs in the subsequent deployment.	<p>Remain active at the federal level during FirstNet launch and participate in planning activities by key agencies such as the FCC, DHS, and NTIA.</p> <p>Work on a regional basis to create a larger, more visible constituent base, such as with Washington state, Idaho, and Utah to represent the Northwest. Or, via the Western Governors Association (WGA) or other affinity group, such as FEMA or DHS RPS Region 10, which includes Oregon, Washington, Idaho, and Alaska.</p> <p>Actively identify and support nominations for the</p>
2.	FirstNet deployment metro localities areas, exacerbating "haves vs. have-nots" in coastal, southern Oregon and the	
3.	The long, multi-deployment cycle could be obscured	

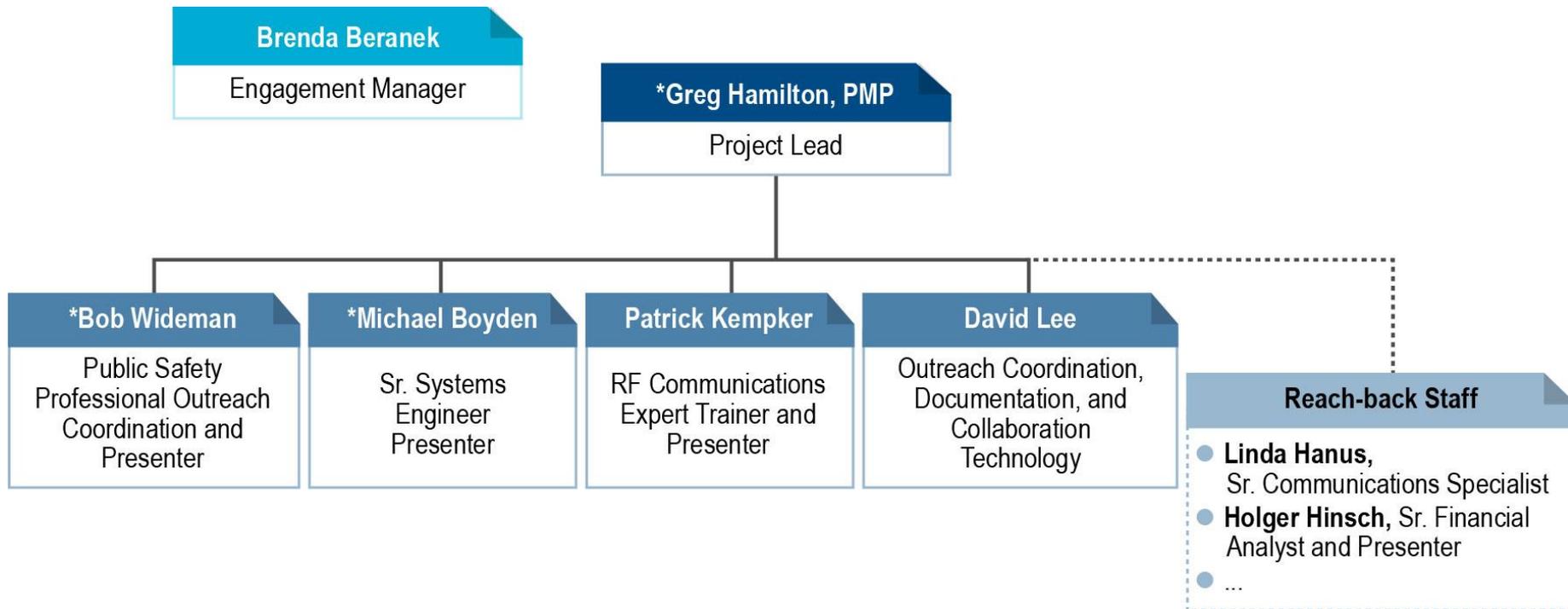


Recommendations—Near Term (6–12 mo.)				
Item Recommendation	Rationale	Responsible Organization	Status Date	Status
Item 1	Item 1: Recommendation for Oregon, collaboration and maintained between the organization and Oregon		7/24/12	The recommendation of an Opt-in position has been presented to the Governor's office.
Item 2	Item 2: at the federal level during and participate in planning agencies such as the FCC,		8/6/12	<p>Aug 2012: Sent representative to NPSTC BBWG SoR meeting in Boulder, CO.</p> <p>Jun 2012: Sent representatives to the National Governors Association Public Safety Broadband Conference.</p> <p>Ongoing since 2010: Participate in the NCSWIC Broadband Working Group.</p> <p>Ongoing since 2010: Active in sending state representatives to the Public Safety Communications Research Center.</p>
Item 3	Item 3: Provided feedback in RFI response to NTIA that Oregon does not support population as a main criterion for granting funds.		6/8/12	



SAIC Outreach Team

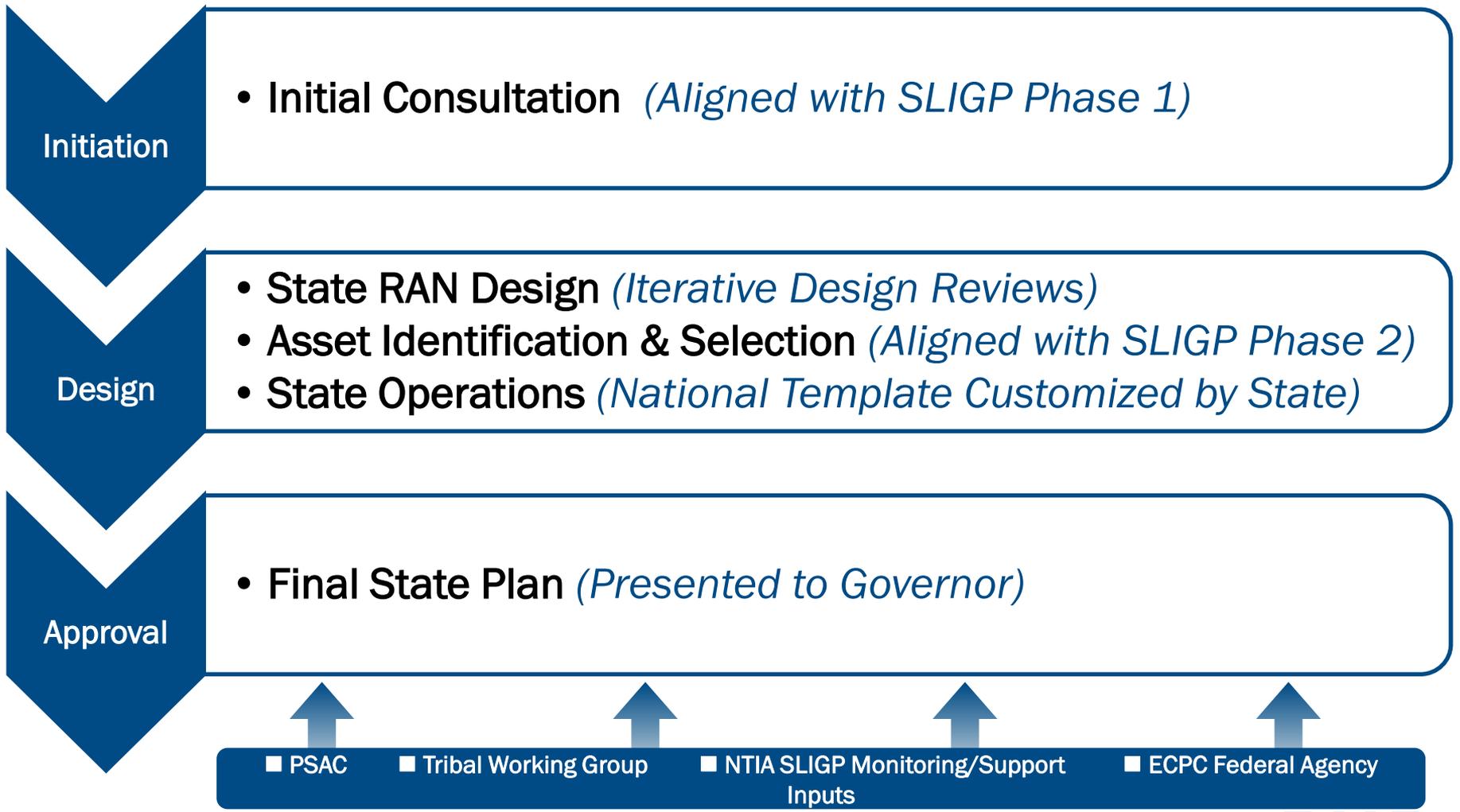
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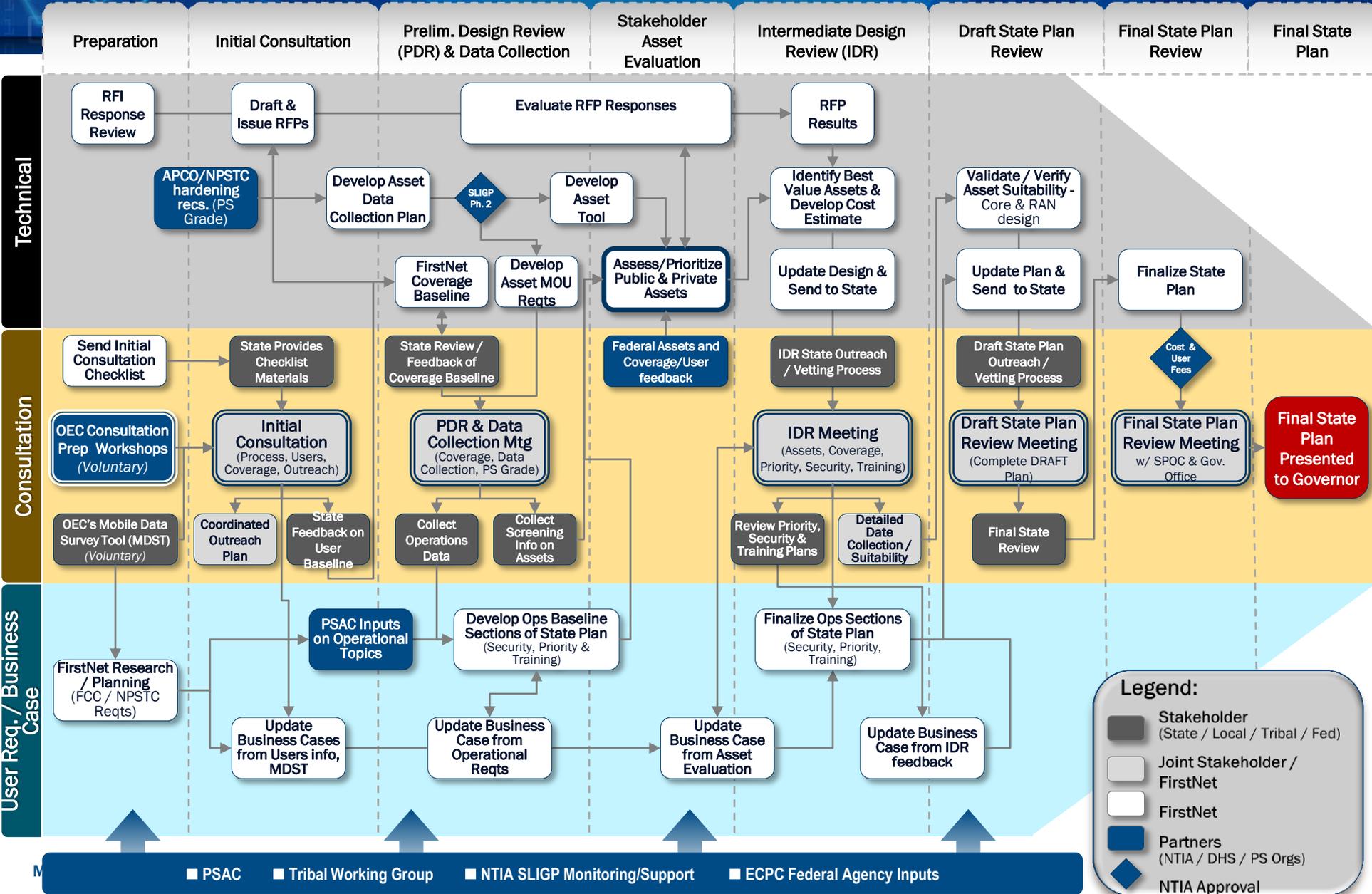
*denotes key personnel

Next Steps

FirstNet Consultation Process



Preliminary Consultation and State Plan Process



Town Hall Meetings

To get the word out, town hall meetings will be conducted across California starting this summer

- Provide perspectives from FirstNet representatives through local public safety stakeholders
- Live telecast over the Internet
- In-person attendance at multiple locations
- Will be videotaped and available on CalFRN web page



The town hall format provided an effective approach during NG9-1-1 outreach

OEC Coverage Objectives Workshop

Interstates, major U.S. highways and non-CDP areas with more than 5 people per square mile (using census blocks)

All other areas would use Satellite/ Deployable coverage.

-  In-Building
-  Handheld/Partial In-Building
-  Vehicular Modem/ Partial handheld
-  Satellite/Deployable



Adjusting Coverage for Public Safety Needs

Agencies

- EMS Departments
- Federal
- Military
- Emergency Management
- Law Enforcement
- Fire Departments

Facilities

- Major State Government Building
- Court Houses
- ▨ Prison Areas
- ▨ Corrections
- ▨ Airport
- + Airports
- Local Emergency Operations Centers
- State Emergency Operation Centers
- Urgent Care Facilities
- Hospitals
- PSAP
- Schools
- ⚓ Ports
- Amtrak Stations
- Air National Guard (ANG) Sites
- ▨ Army National Guard (ARNG) Installat
- Canada and Mexico Border Crossings

Critical Infrastructure

- ◆ Manufacturing
- Hazardous Materials Routes
- ◆ Energy
- ☢ Nuclear Plants
- ◆ Dams
- ◆ Public Venues



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Let us know:

1. In what ways do you see this capability benefiting your role and your organization?
2. What are the major agencies, facilities, and infrastructure in your area requiring coverage?
3. What local communications assets might be shared with FirstNet?

Help us manage expectations

- LTE is not a replacement for LMR technology today
- LMR will continue to provide mission critical voice communications for the foreseeable future
- The LTE *data* network introduces new capabilities to assist the first responder
 - Provides new supplementary data and video services
 - Its true power and value will be realized once useful, interoperable applications are in the hands of users



Questions

Thank You

- For more information, visit:

CalFRN:

[www.caloes.ca.gov/PSC/Pages/Services/Telecom/California-First-Responder-Network-\(CalFRN\).aspx](http://www.caloes.ca.gov/PSC/Pages/Services/Telecom/California-First-Responder-Network-(CalFRN).aspx)

FirstNet:

www.firstnet.org

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