



FirstNet in California Update

Statewide Emergency Planning Committee
July 9, 2015

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- **FirstNet Vision**
- **2015 Road to FirstNet**
 - Next Steps for California
- **The Future is Now**
 - Early Builder LA-RICS



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

Why High Speed Wireless Data?



Why a Dedicated Network?



FirstNet will enable Public Safety Applications

- Live one- and two-way video in vehicles or via handhelds
- Large file transfer/download (floor plans, high res photos, heat maps, evacuation plans)
- Dynamic mapping, weather, traffic
- Multimedia Command & Control
- Situational Awareness (incl. asset, vehicle, personnel tracking)
- Next Generation (NG) 9-1-1 texts, photos, data
- Remote control of robotic devices
- Database queries
- Field reporting



FirstNet's high speed data network can dramatically improve situational awareness



2015 Road to FirstNet

Next Steps for California

FirstNet Funding

With FCC's Advanced Wireless Services (AWS)-3 spectrum auction bidding passing \$40B, FirstNet will receive full funding



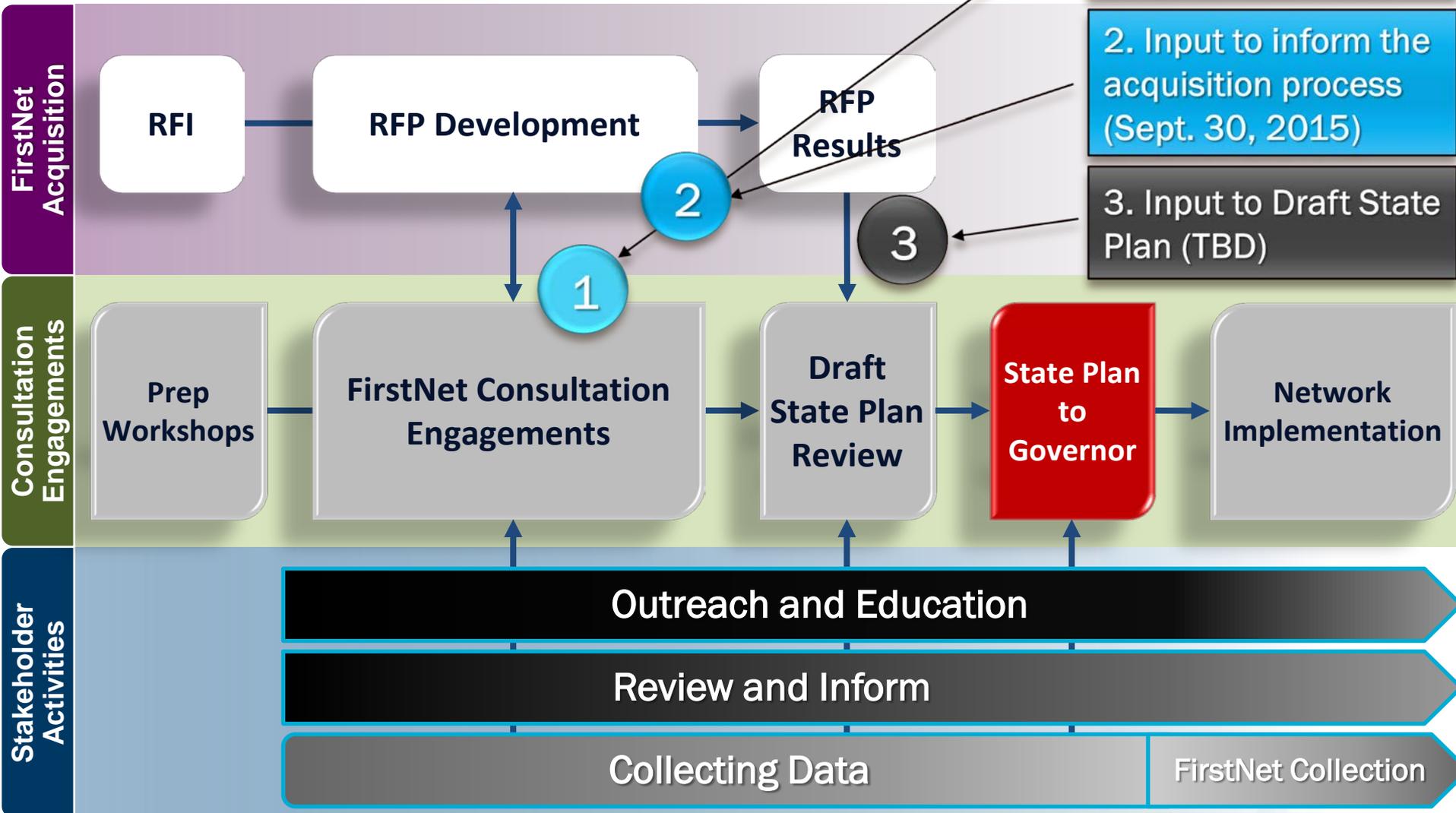
\$7 Billion

2015: On the Road with FirstNet



FirstNet Consultation and Data Collection

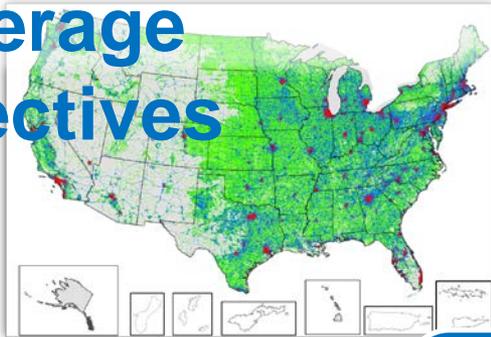
Milestones



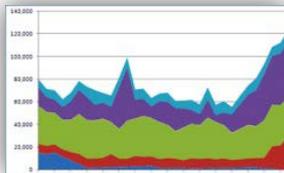
FirstNet Data Collection

Information requested by FirstNet

Coverage Objectives



- Coverage
- Phased Deployment
- Applications
- Data Usage



Capacity



State / Territory

Users and Operations



- Public Safety Entity Info
- Devices
- Operational Areas
- Procurement Vehicles
- Service Plans / Costs
- Barriers



Current Service

The Future is Now

LA-RICS as Early Builder

Happening Now

Public Safety LTE Design & Build – LA County

**Los Angeles Regional
Interoperable Communications
System Joint Powers Authority
(LA-RICS)**



- **There are 80 LTE eNodeB sites (including 15 Cell-on-Wheels) in Los Angeles County**
 - All sites meet criteria for CEQA exemption
 - NEPA clearance required for all sites
- **The 80 sites will provide mobile coverage to approximately 2,400 sq. miles of the urban LA area**
- **Some sites will have both LMR and LTE**

LTE Deployment:

18 Month Program deployed in five Phases:

- Phase 1 – System Design
(Mar 2014 – Jun 2014)
- Phase 2 – Site Construction
(Jun 2014 – Aug 2015)
- Phase 3 – Supply LTE Equipment
(Aug 2014 – Aug 2015)
- Phase 4 – System Implementation
(Oct 2014 – Sep 2015)
- Phase 5 – System Warranty/
Maintenance (Oct 2015)

BTOP funds expire in Sept 30, 2015



How You can Help

- **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

- **Be part of the process**

Make sure that your agency

- Is represented at the Consultation meeting
- Participates in Data Collection activities

- **Spread the word**

- Learn more about FirstNet and LTE technology
- Share info with your peers, agency partners, and staff



Questions?

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