



# FirstNet™

[www.firstnet.gov](http://www.firstnet.gov)



## FirstNet Update



**Ed Parkinson, Director of Government Affairs**  
**Amanda Hilliard, Director of Outreach**

July 8, 2014

***The First Responder Network Authority  
shall hold the single public safety wireless license  
and take all actions necessary to***

***ensure the building, deployment, and operation  
of the nationwide public safety broadband network***

# Why FirstNet





# Why FirstNet



# Middle Class Tax Relief and Job Creation Act of 2012



- Act implements key Administration priorities
  - Public Law No. 112-96 (enacted February 22, 2012)
- NTIA to establish the First Responder Network Authority (FirstNet)

Purpose	To create a nationwide, wireless, interoperable public safety broadband network
Network	Single nationwide network architecture
Technology	LTE: the most advanced, proven technology
Spectrum	Reallocated 700 MHz D Block
Coverage	Nationwide along with rural, underserved areas
Funding	\$7B through spectrum auctions proceeds
Sustainability	Self-funded through fees
Governance	Specifications for the FirstNet Board

# Public Safety Needs FirstNet



***Police officers, firefighters and paramedics need a dedicated nationwide wireless broadband network. They need a network that they can count on during emergencies and to meet their everyday missions.***

First Responders Deserve the Best Network	Flying Blind is Dangerous
Reliability Must Be Built In	Sharing One Network Improves Communication
Public Safety Needs Priority Access	Mass Markets Fuel Innovation
Special Events Attract Big Crowds	Budgets are Tight
Rural Emergencies Pose Coverage Challenges	Battling Threats Requires a Coordinated Response



# Five Unique Coverage Categories

Unique Geography and Demographics Require Multiple Solutions – Seamless Operation



Wilderness/  
No Coverage



Rural



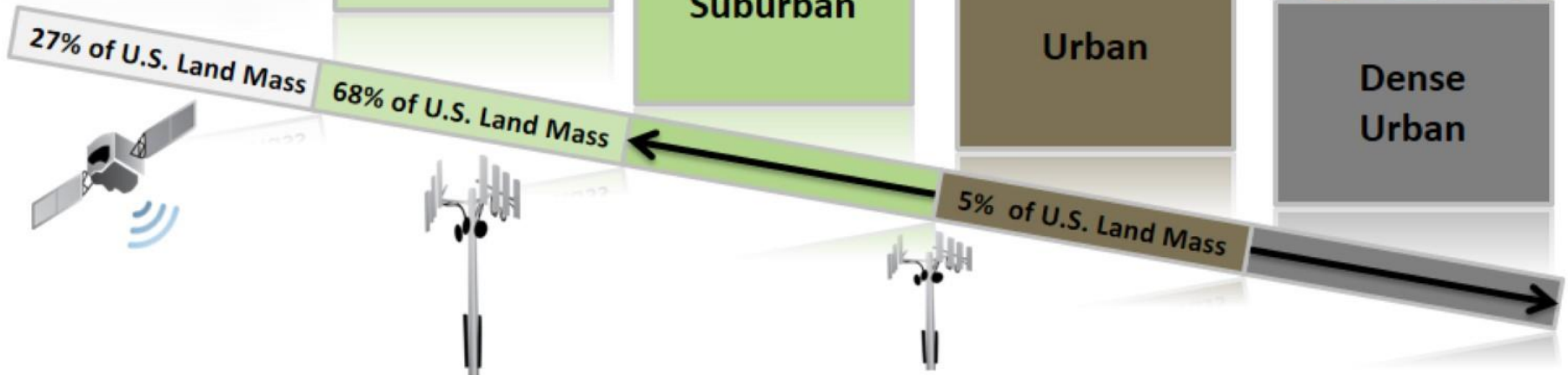
Suburban



Urban



Dense  
Urban



# Complementing LMR with LTE

**Public safety will rely on land mobile radio (LMR) for mission-critical voice until LTE capabilities exceed current functionality**

## **Elements to be evaluated:**

- Push-to-talk
- Direct mode
- Emergency calling
- Enhanced broadcast
- High-power mobile
- Public safety-grade performance



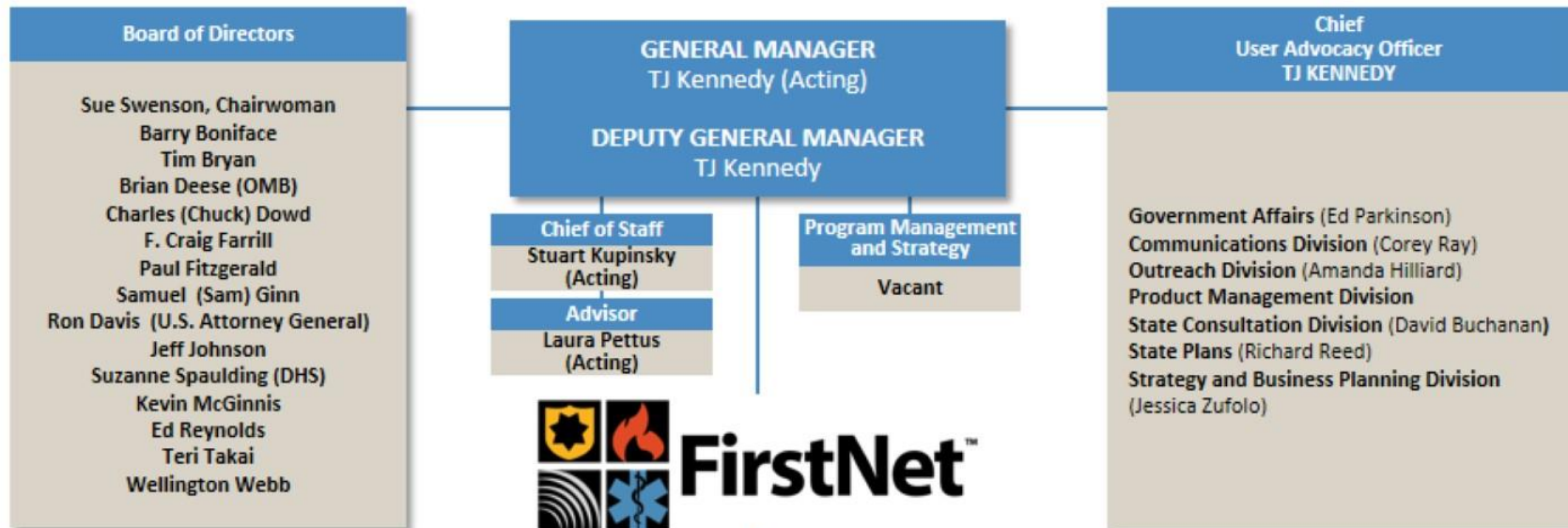


# Program Roadmap Focus Areas



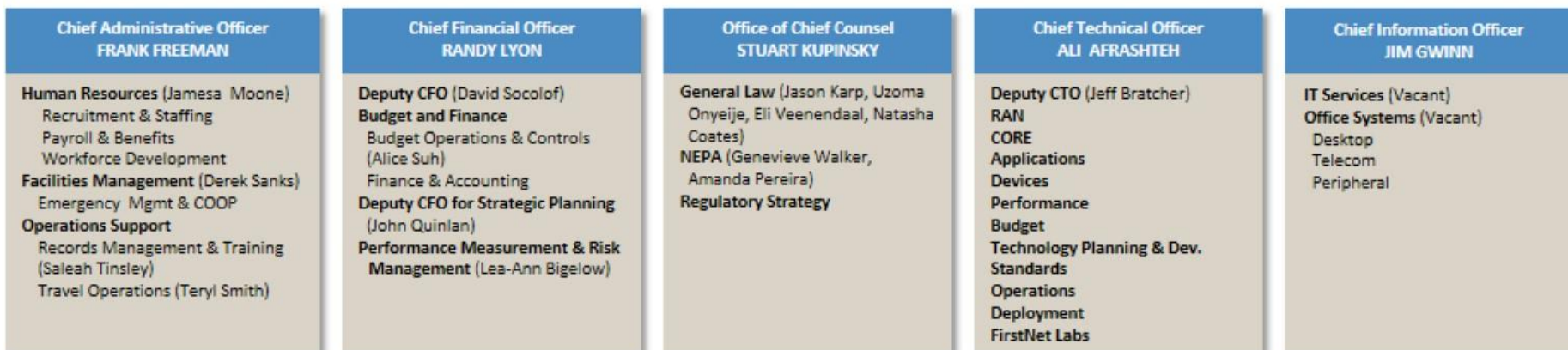
- Major Roadmap Activities:
  - Conduct
    - State Consultation
    - Outreach
    - Vendor engagement
  - Build
    - FirstNet team
    - Fit out HQ in Reston and Tech HQ in Boulder
    - RFPs
  - Analyze
    - Feedback from public safety community
    - Deployment options

# FirstNet Organization



**FirstNet™**

## FirstNet Offices and Divisions



As of June 2014

# Requests for Proposal



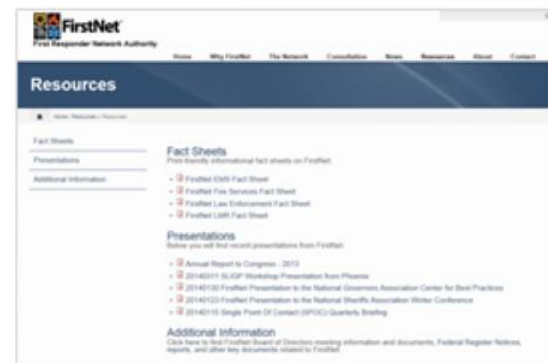
- Complete an open, transparent, and competitive process for comprehensive network proposals based upon FirstNet LTE performance requirements, operating standards and certified devices
- Complete an open, transparent, and competitive process for network equipment and services proposals based on detailed technical requirements, resulting in multiple awards that could supplement or substitute for all or part of a comprehensive network proposal
- Vendor engagement – Doing Business with FirstNet (<http://firstnet.gov/about/doing-business-firstnet>)



# FirstNet Outreach and Communications



- FirstNet.gov website launched in March 2014
  - Upcoming speaking engagements and current events
  - Presentations
  - Fact Sheets, including Law Enforcement, Fire, EMS, and LMR Networks
  - Board meeting materials and webcast
  - Blogs
- Planned website capabilities
  - Information subscription
  - Secure portal for information exchange
- Social media presence
  - Twitter @FirstNetGov
  - Flickr <https://www.flickr.com/photos/firstnetgov/sets/>
- Development of Outreach Toolkit
  - Videos
  - Presentations
  - Fact Sheets



- Ongoing contact through weekly calls with the chair, review of materials, sharing of feedback from the field
- Steady schedule of speaking engagements at association events
- Two new working groups – Tribal and Early Builder
- Thoughtful, expert input on assignments

# FirstNet Regional Structure



**The FirstNet operational outreach model aligns with 10 FEMA regions.**

- 10 Regional Teams to:
  - Work with the state SPOCs to conduct outreach with the public safety community and support state consultation
  - Future focus:
    - Education and training
    - Outreach
    - Solution sales
    - Support
    - Account management
- 2 Nationwide Teams and 4 Public Safety SMEs to:
  - Gather input and requirements
  - Serve users

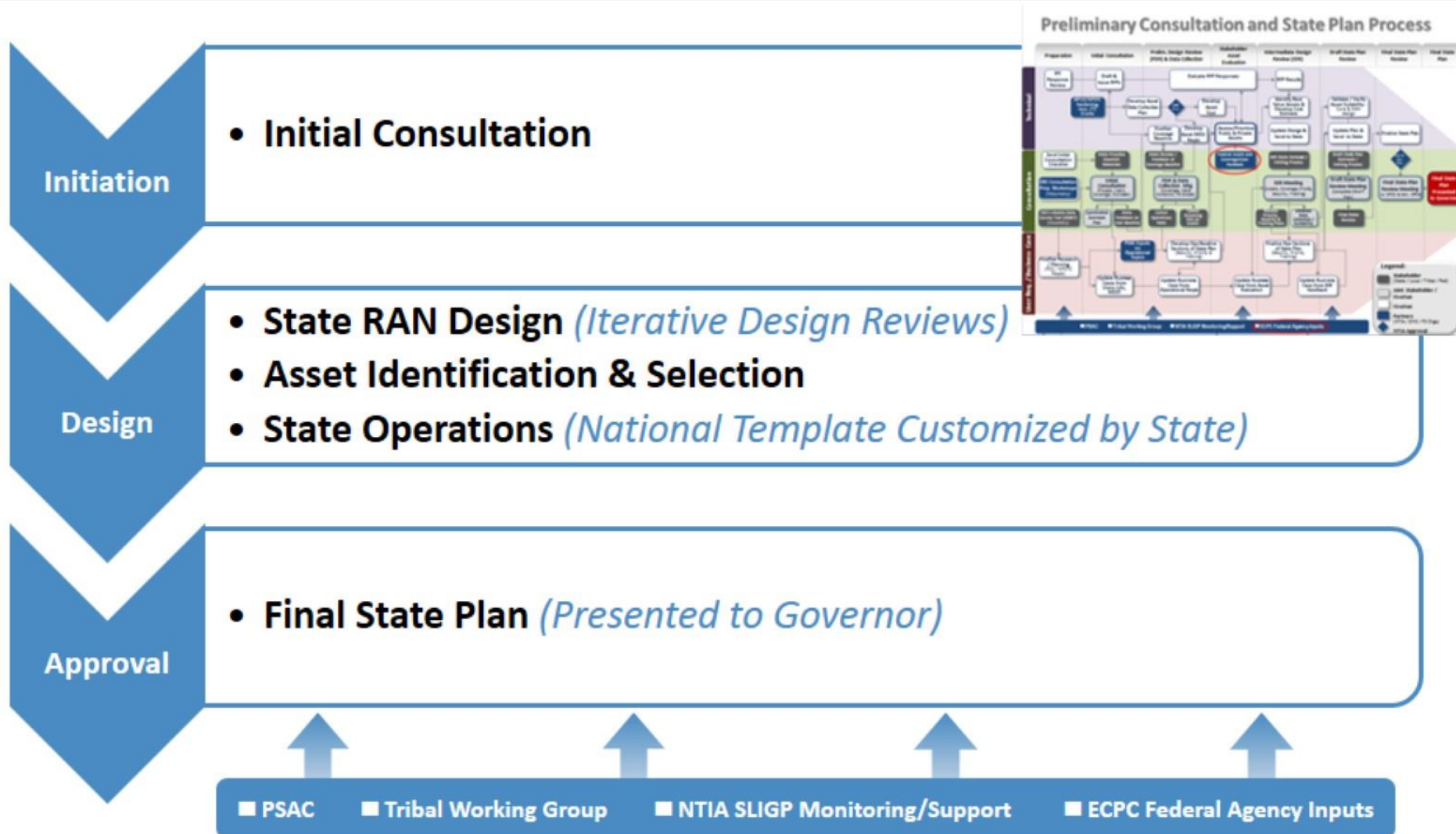


FEDERAL  
TEAM

TRIBAL  
TEAM



# Defining the Consultation Process



# Initial Consultation Agenda Topics



Topic	Description
State or Territory Update	Discuss any topics the state or territory feels necessary to facilitate consultation process.
FirstNet Update	Provide update on FirstNet activities related to technical design, organization, outreach and overall policy.
Consultation Process	Delineate the consultation process, with a timeframe, key steps and strategy.
Roles and Responsibilities	Discuss responsibilities and roles for FirstNet, state officials and major stakeholders.
Eligible Users	Review baseline information about potential users in each state.
Coverage	Provide definition of coverage. Guide conversation to help states begin to think about coverage needs.
Joint Outreach Planning	Identify how FirstNet can best support outreach efforts in the state or territory based on a review of material provided in the Readiness Checklist.
Next Steps	Discuss joint outreach activities, completion of the user baseline, and any additional next steps identified in the meeting.

- Contact your PSAC member to provide your input and feedback ([www.firstnet.gov/about/public-safety-advisory-committee](http://www.firstnet.gov/about/public-safety-advisory-committee))
- Contact your state single point of contact ([www.firstnet.gov/consultation](http://www.firstnet.gov/consultation)) and ensure there is fire and emergency services representation on the governance body
- Participate in the public notice and comment process
- Contact Vicki Lee, Association Manager/PSAC Liaison, at 202-770-8204 or [victoria.lee@firstnet.gov](mailto:victoria.lee@firstnet.gov) with questions and feedback
- Visit [www.firstnet.gov](http://www.firstnet.gov) and follow us @FirstNetGov on Twitter for updates, news and resources



# Thank You



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