



NORTH DAKOTA
**STATEWIDE
INTEROPERABLE
RADIO NETWORK**

INITIAL STUDY SPONSORS

EXPLORATORY STUDY:

- INITIAL STUDY CONDUCTED IN Q4 OF 2014 SPONSORED BY A WIDE STAKEHOLDER BASE

		
<p>North Dakota 911 Association : STEPS Subcommittee</p>	<p>North Dakota Fire Chiefs Association</p>	<p>North Dakota Emergency Management Association</p>
		
<p>ND Association of Public Safety Communications Officials</p>	<p>North Dakota Highway Patrol</p>	<p>North Dakota Sheriffs and Deputies Association</p>
		
<p>North Dakota Department of Emergency Services</p>	<p>ND Information Technology Department</p>	<p>North Dakota EMS Association</p>
		<p>North Dakota Police Chiefs Association</p>
<p>North Dakota Department of Transportation</p>	<p>North Dakota Peace Officers Association</p>	<p>North Dakota Police Chiefs Association</p>

STUDY SPONSORS

SIRN FEASIBILITY STUDY:

- **PHASE II OF STUDY**
- **STEERED BY THE SIEC**



NORTH DAKOTA
STATEWIDE
interoperability executive
COMMITTEE

DIRECTOR OF STATE RADIO OR A DESIGNEE – MIKE LYNK

DIRECTOR OF THE DIVISION OF HOMELAND SECURITY OR A DESIGNEE – GREG WILZ

SUPERINTENDENT OF THE HIGHWAY PATROL OR A DESIGNEE – MAJ BRANDON SOLBERG

ADJUTANT GENERAL OR A DESIGNEE – MAJOR GENERAL ALAN DOHRMAN

DIRECTOR OF THE DEPARTMENT OF TRANSPORTATION OR A DESIGNEE – RUSS BUCHHOLZ

REPRESENTATIVE OF THE NORTH DAKOTA SHERIFF'S AND DEPUTIES ASSOCIATION – GARY SANDERS

REPRESENTATIVE OF THE NORTH DAKOTA EMERGENCY MANAGERS ASSOCIATION – KAREN KEMPERT

REPRESENTATIVE OF THE NORTH DAKOTA FIRE CHIEFS ASSOCIATION – GARY LORENZ/VICE CHAIR

REPRESENTATIVE OF THE NORTH DAKOTA EMERGENCY MEDICAL SERVICES ASSOCIATION – DAN SCHAEFER

REPRESENTATIVE OF THE NORTH DAKOTA POLICE CHIEFS ASSOCIATION – ARTHUR WALGREN

REPRESENTATIVE OF THE NORTH DAKOTA PEACE OFFICERS ASSOCIATION – DON FIEBIGER

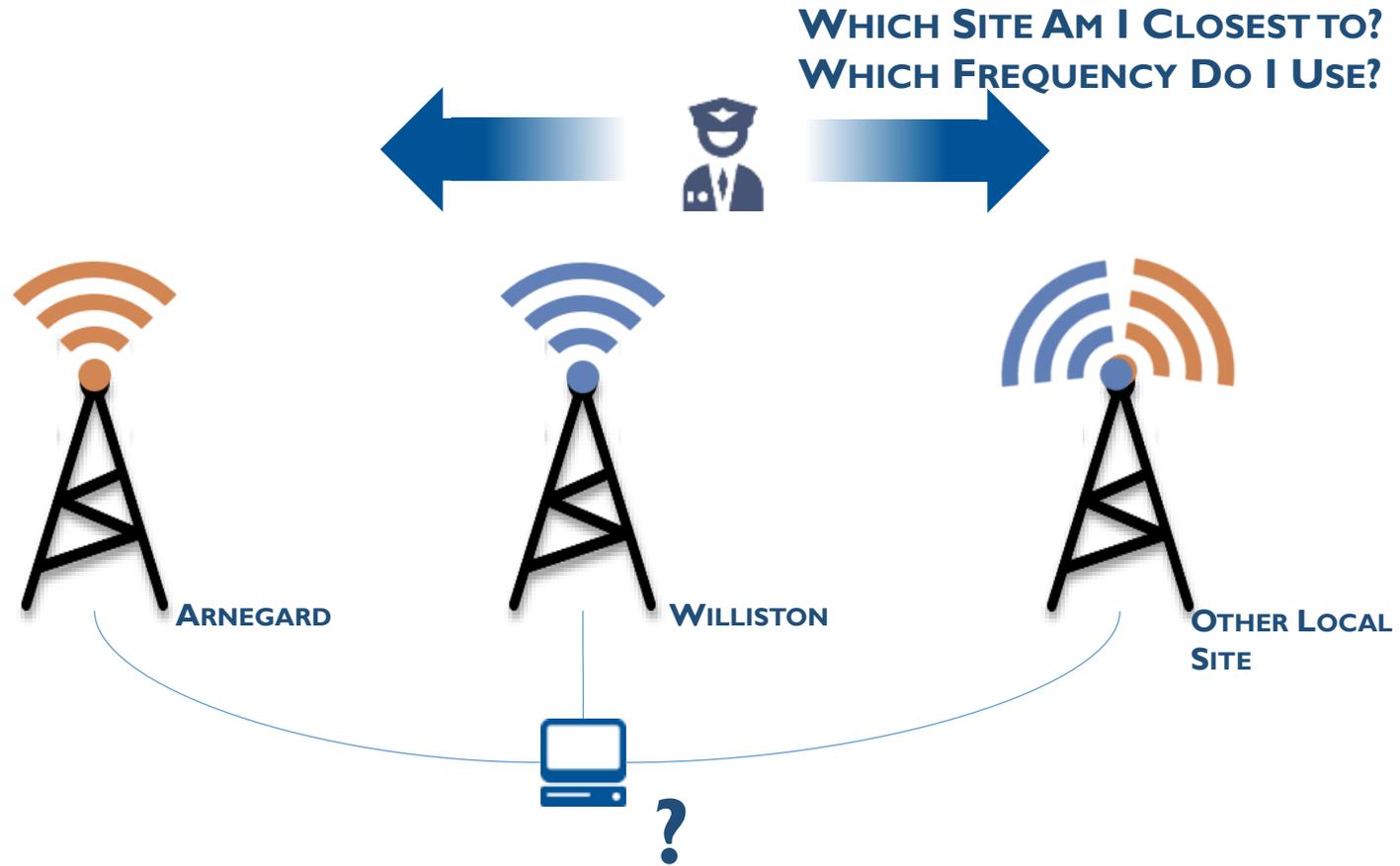
REPRESENTATIVE OF THE NORTH DAKOTA 911 ASSOCIATION – MIKE DANNENFELZER

NORTH DAKOTA CHIEF INFORMATION OFFICER OR A DESIGNEE – MIKE RESSLER/CHAIR



NORTH DAKOTA RADIO SYSTEMS TODAY

CONVENTIONAL TECHNOLOGY



NORTH DAKOTA RADIO SYSTEMS TODAY

CONVENTIONAL TECHNOLOGY



FIRE CHANNEL IS CONGESTED WITH MULTIPLE EVENTS
WHILE CHANNEL 2 IS VACANT

COMMON CHANNEL 1



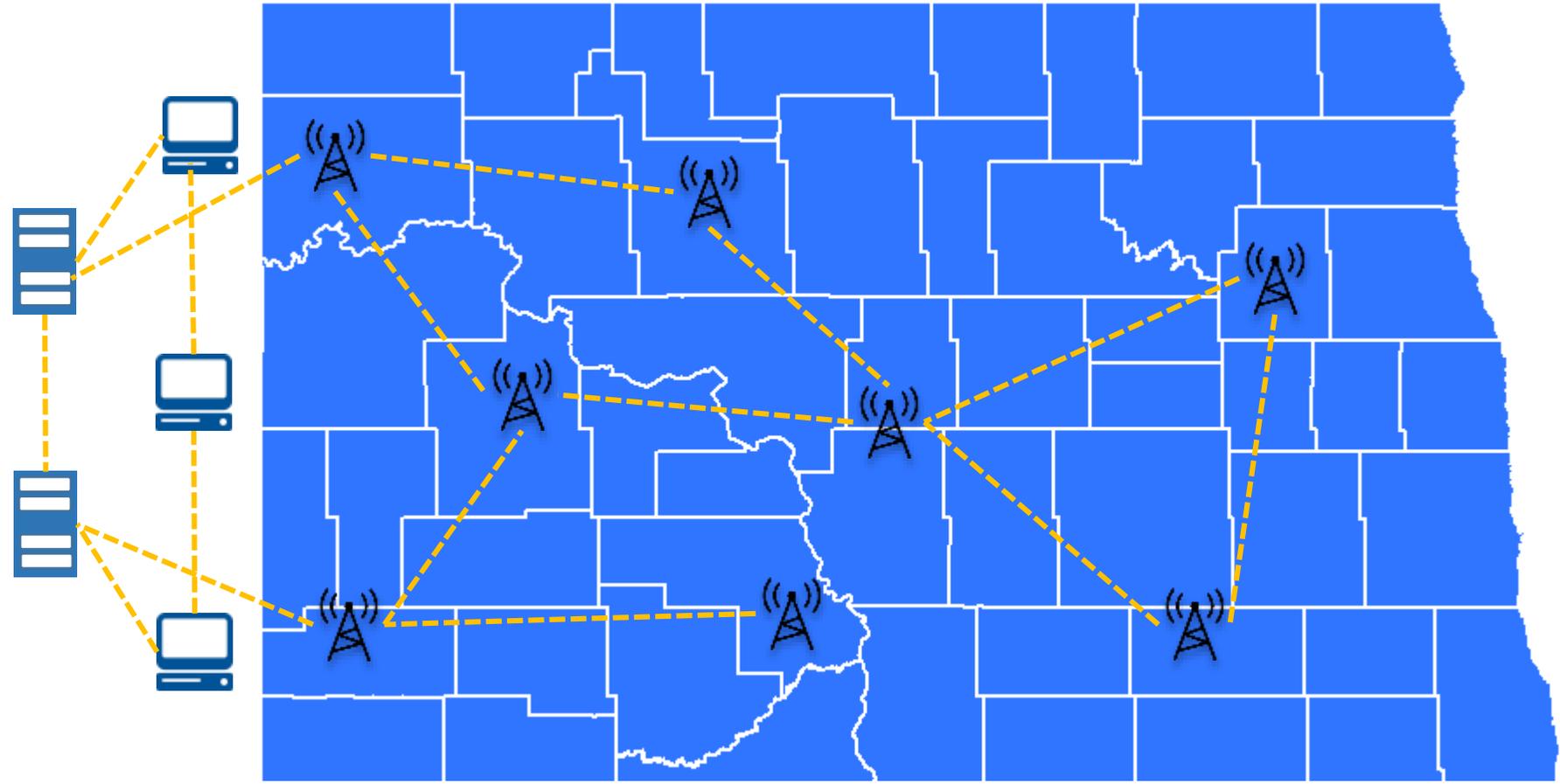
IF SINGLE CHANNEL – EVERYONE HEARS
ALL CONVERSATIONS ALL THE TIME

THE SIRN 20/20 VISION FOR SUCCESS

INTEGRATED

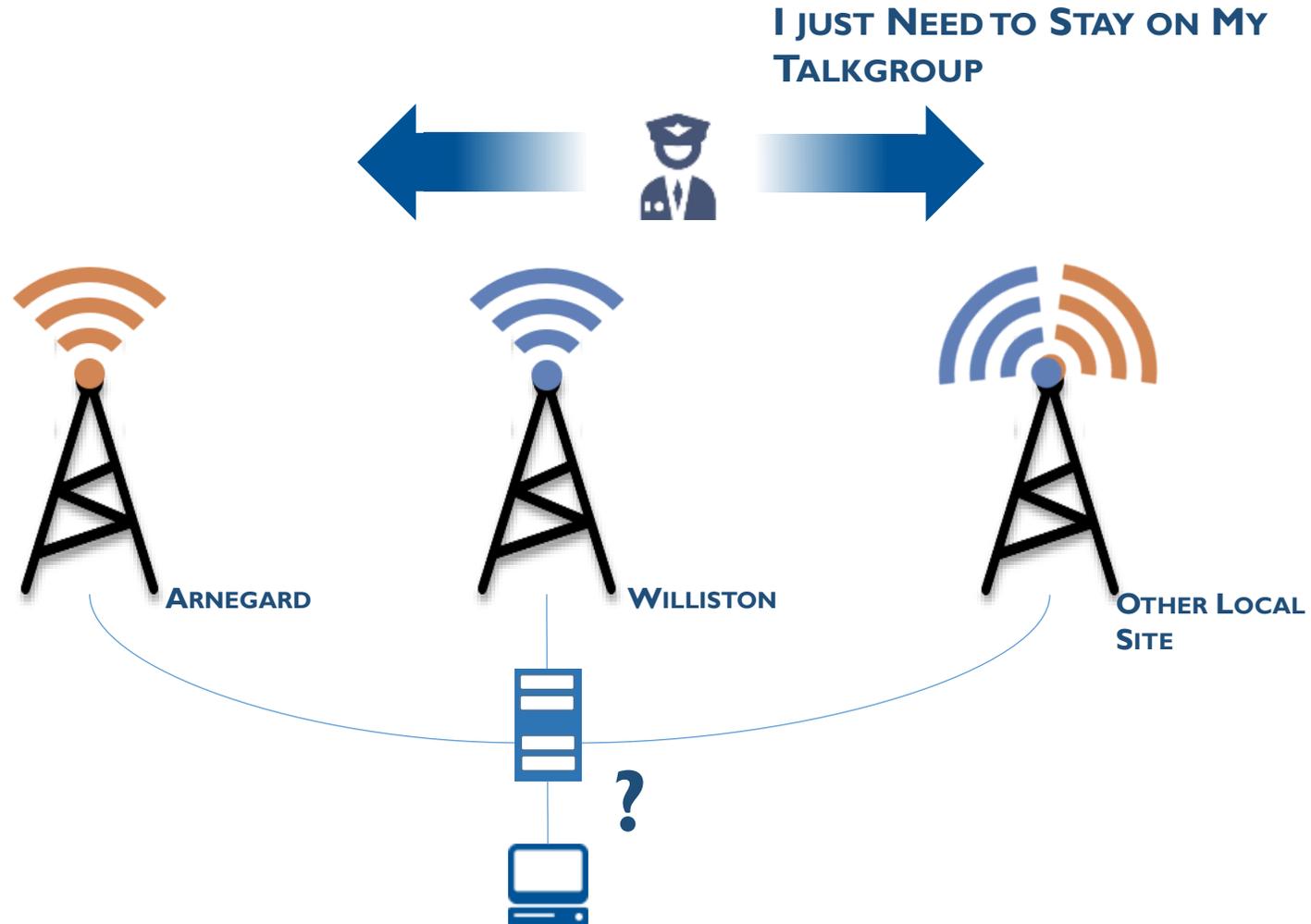
STATEWIDE

INTEROPERABLE

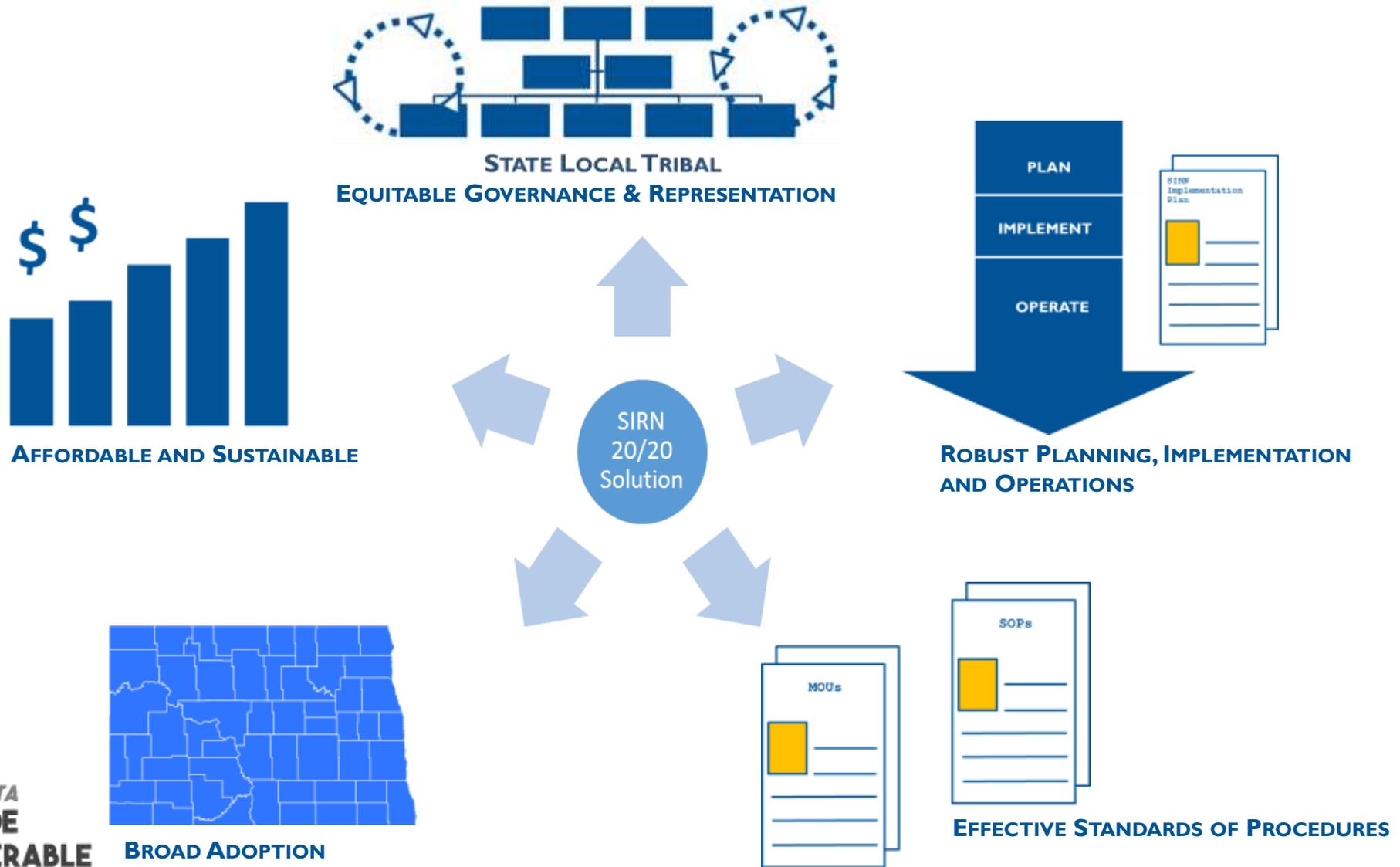


THE SORN 20/20 VISION FOR SUCCESS

INTEGRATED SYSTEM



THE SIRN 20/20 VISION FOR SUCCESS



THE SIRN 20/20 FEASIBILITY STUDY



North Dakota State Capitol Grounds-Photo by North Dakota Tourism

**FUNDED BY THE 64TH STATE
LEGISLATURE**

OBJECTIVES:

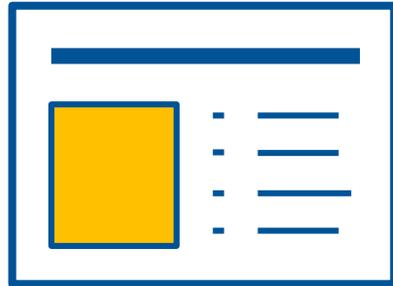
- **EVALUATE CONSENSUS**
- **DETERMINE FEASIBILITY**
- **DEVELOP A STRATEGIC PLAN**

**PRESENT RECOMMENDATIONS AND
PLAN TO THE 65TH STATE LEGISLATURE**

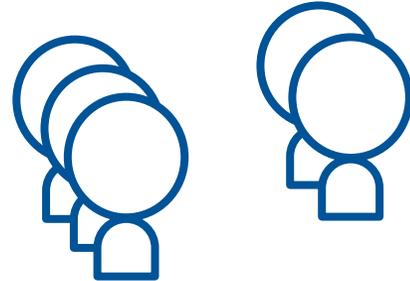
THE SORN 20/20 FEASIBILITY STUDY

OUTREACH AND FEEDBACK

WEBSITE
NEWSLETTERS

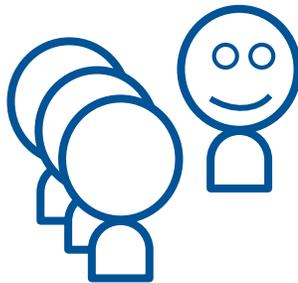


REGIONAL
MEETINGS



- **CONDUCT STATEWIDE OUTREACH AND EDUCATION**
- **ACTIVELY ENGAGE STATE, LOCAL AND TRIBAL ENTITIES**

IN PERSON
INTERVIEWS



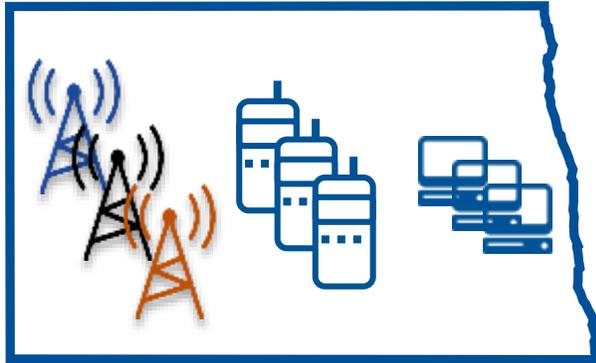
ONLINE SURVEYS
VIDEO CONFERENCES



- **GATHER FEEDBACK ON TECHNICAL, OPERATIONAL AND FINANCIAL NEEDS**
- **DETERMINE GOVERNANCE AND OWNERSHIP MODELS**

THE SIRN 20/20 FEASIBILITY STUDY

QUANTIFY AND EVALUATE CURRENT RADIO SYSTEMS



DATA COLLECTION AND ANALYSIS



CAN THE EXISTING SYSTEMS SUPPORT FUTURE TECHNOLOGIES?

- ABILITY OF SUBSCRIBERS TO SUPPORT DIGITAL P25
- SUFFICIENT TOWER AND SHELTER SPACE
- AVAILABILITY OF REDUNDANT POWER
- STRUCTURAL INTEGRITY OF TOWER

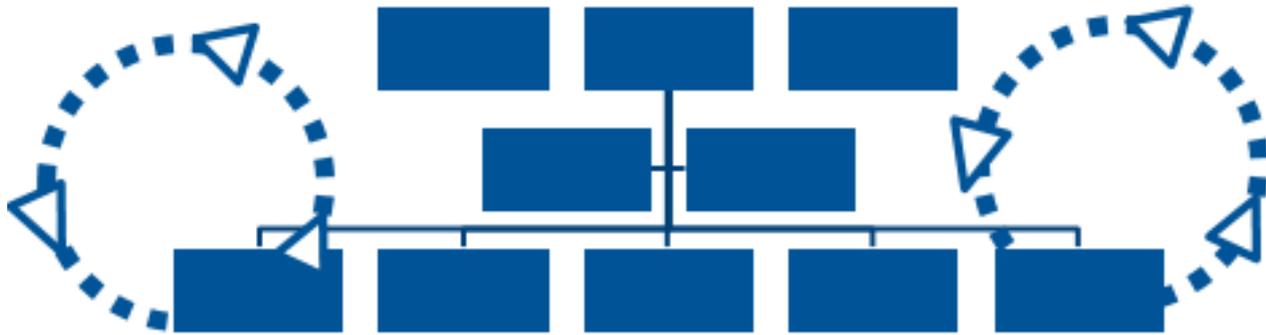
REUSE / UPGRADE / REPLACE



THE SIRN 20/20 FEASIBILITY STUDY

GOVERNANCE STRUCTURE DEVELOPMENT

Establish governance models for the shared use, ownership and control of SIRN 20/20



- Who pays for the implementation of the network?
- Who pays for ongoing operations?
- Who makes decisions? | How are decisions made?
- How are my assets incorporated into SIRN?
- Will my operations personnel be integrated into SIRN?
- What if I want to make improvements in my jurisdiction?
- How much is my input incorporated?
- How much local control will I have?

FAIR
EQUITABLE
REPRESENTATION
AT ALL LEVELS OF GOVERNMENT

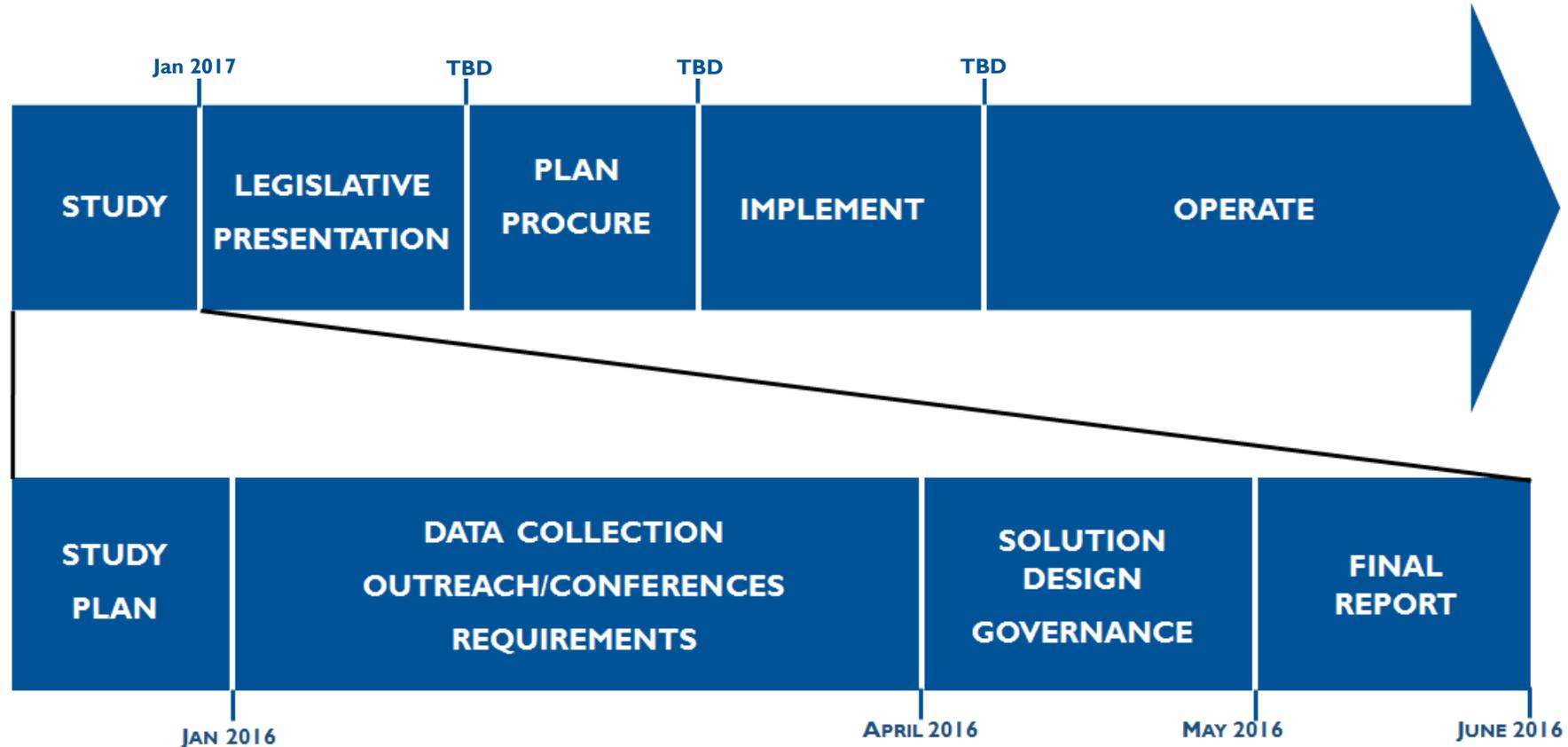
THE SIRN 20/20 FEASIBILITY STUDY

COMPREHENSIVE STRATEGIC PLAN



THE SORN 20/20 FEASIBILITY STUDY

Project Timeline



QUESTIONS

INTEGRATED

STATEWIDE

INTEROPERABLE

