

# North American Audacious Goals



## Trust, Security and Resilience

- Distributed Sensing and Communications
- Network Enabled Robotics and Autonomous Systems
- Trustworthy AI
- Security by Design
- Trustworthy Networks and Devices
- Resilient Infrastructure
- Sustainable Society
- User-Centric Privacy
- Quality of Life
- Digital Equity
- Data Privacy



## Digital World Experiences

- Multi-Sensory Extended Reality (XR)
- Distributed Sensing and Communications
- Network Enabled Robotics and Autonomous Systems
- Personalized User Experience
- Advanced MIMO and THz/SubTHz
- Joint Communications and Sensing (JCAS)
- Cognitive Systems and Extreme Automation
- Distributed Cloud Platform
- Enhancements to Application Frameworks
- Quality of Life
- Digital Equity
- Data Privacy
- Sustainable Society



## Sustainability

- Distributed Sensing and Communications
- Reuse and Recycle of Water, Waste, and Materials
- Sustainable Network Optimization
- Sustainable Supply Chain
- Achieving Sustainable Operations
- Enabling Decarbonization
- Resilient Infrastructure
- Quality of Life
- Economic Growth
- Sustainable Society



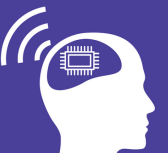
## Cost-Efficient Solutions

- Distributed Sensing and Communications
- Advanced MIMO and THz/subTHz
- 6G Air Interfaces
- Spectrum Sharing
- Quality of Life
- Digital Equity
- Data Privacy
- Economic Growth



## Distributed Cloud and Communications Systems

- Multi-Sensory Extended Reality (XR)
- Distributed Sensing and Communications
- Network Enabled Robotics and Autonomous Systems
- Mechanisms for AI/ML Performance Evaluation
- Cognitive Systems and Extreme Automation
- Distributed Cloud Platform
- Air Interface for Distributed Cloud
- Network Disaggregation
- UE-RAN-CORE Architecture
- Resilient Infrastructure
- Quality of Life
- Economic Growth



## AI-Native Wireless Solutions

- Multi-Sensory Extended Reality (XR)
- Distributed Sensing and Communications
- Network Enabled Robotics and Autonomous Systems
- AI Native Interface
- Mechanisms for AI/ML Performance Evaluation
- AI/ML Integration
- Air Interface for Distributed Cloud
- Trustworthy Networks and Devices
- Quality of Life
- Data Privacy