



Building the foundation for North American leadership in 6G and beyond

ATIS' Next G Alliance (NGA) is the recognized voice of 6G in North America. With a comprehensive research-to-realization mission, the NGA is working now to secure North American success in the 6G future, anticipated to begin in 2030.

Market Imperatives Driving the Work

Leadership in Technology Innovation

- > Identify and shape critical 6G technology enablers
- > Inform the direction of global research and standardization

Economic Opportunity Discovery

- > Highlight areas where 6G could unlock new cross-industry value in vertical markets
- > Inform public and private sector planning through strategic foresight

Strengthen the 6G Business Case

- > Clarify value propositions for stakeholders across the ecosystem: end users, MNOs, infrastructure suppliers, device developers, and more
- > Facilitate ecosystem alignment on investment and innovation opportunities

North American Priorities with Global Impact

- > Advance specific telecom priorities within the North American market
- > Ensure alignment with global standards to drive scale and adoption

Guiding Principles

Creating a Unified Voice for 6G in North America – The NGA's work features a unique private sector-led approach that brings together industry, government, and the research community

Market Development and Vertical Engagement – Building relationships with end users and identifying the ecosystem necessary to make 6G a commercial success for everyone in the value chain

Gap Identification, Mitigation, and Correction – Ensuring that 6G is a complete solution that can meet current needs of the ecosystem while promoting future innovation

Roadmap for Future Technology – Continuing NGA's pre-standardization work to identify novel features and enhancements for future releases of 6G

Working Groups

The NGA's deliverables are developed collaboratively in its Working Groups. Since its inception in 2020, the NGA has evolved its working structure to maintain its focus on pre-standardization visioning while also digging deeper into the future needs of the marketplace for wireless telecom and the 6G ecosystem. This adaptive approach enables it to maximize the opportunity for 6G success and growth throughout the North American and global economies in a sustainable manner. The NGA now consists of four working groups.



Technology Roadmap – Fostering NGA's pre-standardization 6G technology leadership



Market & Applications – Cultivating the economic and technical aspects of 6G to facilitate commercial realization in the North American market



Sustainable Development – Advancing environmental sustainability, societal well-being, and economic growth in North America



Spectrum – Addressing and influencing spectrum access, management, and policy recommendations to support the needs of our 6G future