



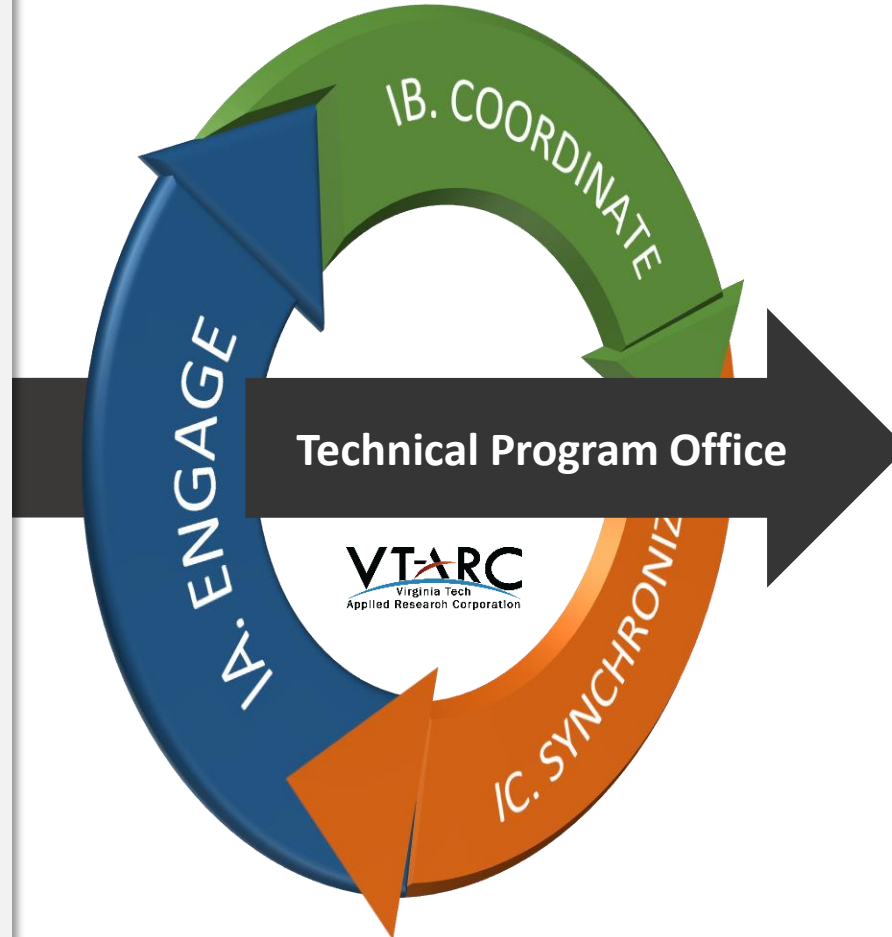
Technical Program Office Update to FMG

July 12, 2021



Technical Program Office Operating Framework

Operating Framework = Three Functions



6G ROADMAP

CLEAR

Measurable goals, objectives, and a transparent delineation of ownership of specific parts.

INCLUSIVE

Ensure and consider broad/diverse points of view

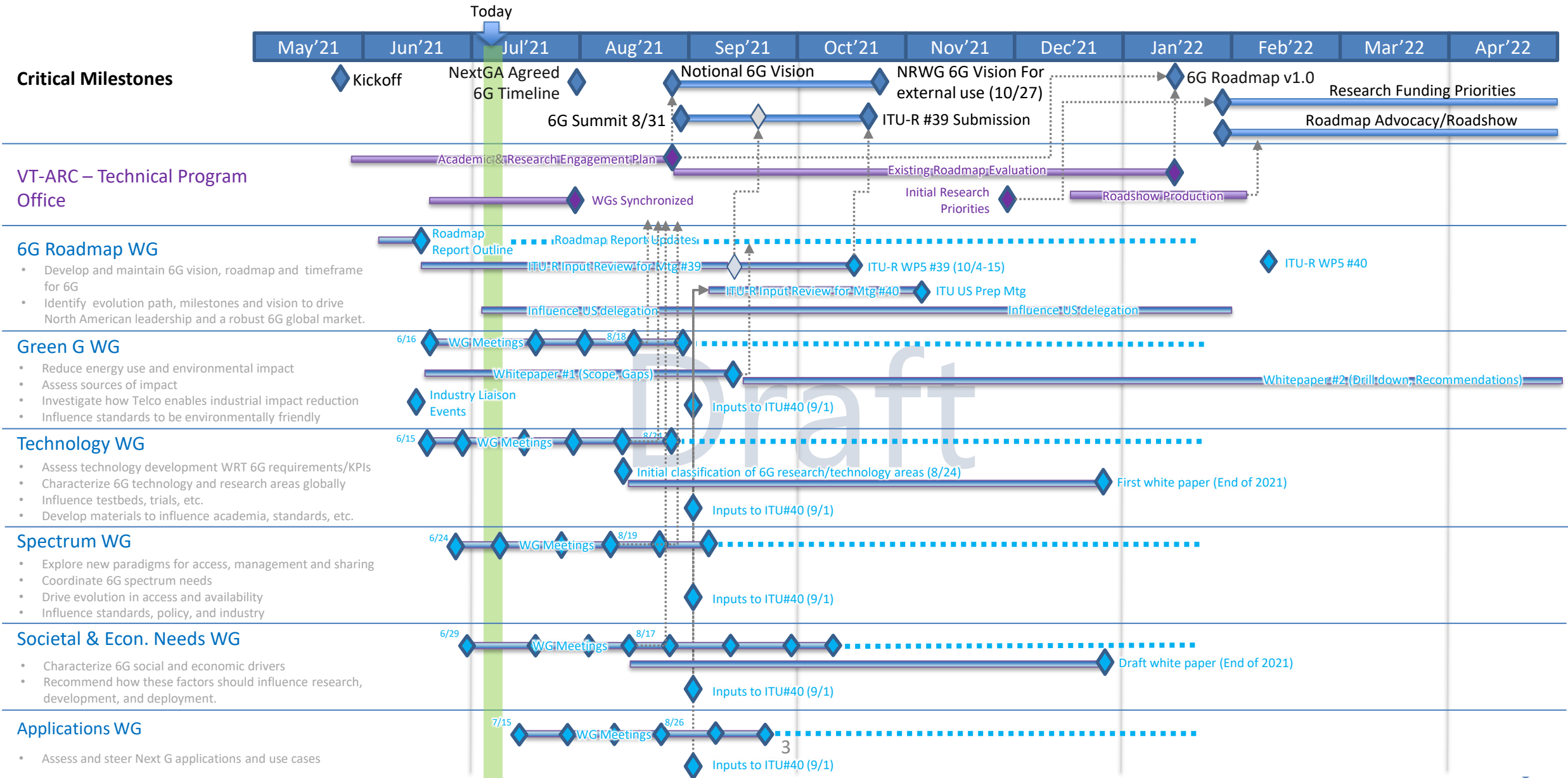
CONGRUENT

Collaborative, common framework w/ shared understanding of purpose, direction, methodology.

ITERATIVE

A "living" action-oriented strategy that remains flexible to continued learning and feedback.

Roadmap to the 6G Roadmap (Critical Path)



6G Roadmap Framework

- Capturing current work in the Ad Hoc Steering Group & WGs to synthesize goals & objectives
- Available for access **early August 2021**
- Hosted on ATIS SharePoint site (cloud based) with visibility by entire membership

		Workgroup Ownership								Timeline (TBD)				KPI (TBD)
BIG GOALS	Source Document	Applications Chair: Dr. Ki-Dong Lee, LG Electronics	Green G Chair: Marie-Paule Odini, Hewlett-Packard Enterprise	National 6G Chair: Dr. Amitava Ghosh, Nokia	SEN Chair: Jessamine Chin, Vmware	Spectrum Chair: Andy Thiessen, MITRE	Steering Co-Chair: D. Chadramouli, Nokia Co-Chair: Brian Daly, AT&T Co-Chair: Benoit Pelletier, Vmare	Steering Strategy Ad Hoc Chair: Seerak Khan, TELUS	Technology Chair: Dr. Eddy Kwon, Qualcomm Inc.	T ¹	T ₂	T ₃	T ₄	
Goal 1.1. Thought and Technology Development Leadership														
Objective: Identifying and assessing research areas for applications and understanding of underlying enabling technologies	Applications Working Group TOR	x												
Objective: Investigate how Telco can enable other industries reduce their environmental footprint	Green G WG Terms of Reference		x											
Objective: Identifying and characterizing societal demands and the role of North American research. Translate challenges into 6G objectives that are differentiated from 5G	Societal and Economic Needs Working Group TOR				x									
Objective: Surveying and assessing social and economic factor viewpoints from current global 6G research efforts	Societal and Economic Needs Working Group TOR				x									
Objective: Explore spectrum opportunities that can drive evolution in access and availability	Spectrum Working Group Terms of Reference					x								
Goal 1.2. ICT Ecosystem Leadership														
Objective:	Next G Alliance Roadmap Working Group v.4													
Objective:	Next G Alliance Roadmap Working Group v.4													
Goal 1.3. Development and Spectrum Leadership														
Objective: Explore new paradigms for spectrum access, management and sharing, including but not limited to licensed and unlicensed use	Spectrum Working Group Terms of Reference					x								
Objective: Identify opportunities for global spectrum harmonization, technology coexistence, and greater spectrum efficiency	Spectrum Working Group Terms of Reference					x								

WG Deliverables Tracker

- Currently baselining all WG activities
- Available for access **end of July 2021**
- Hosted on ATIS SharePoint site (cloud based) with visibility by entire membership

RASCI Tracking Tool

Group: STEERING					Steering John Doe, Company X	National 6G Roadmap John Doe, Company X	Technology John Doe, Company X	Technology Sub1 John Doe, Company X	Technology Sub2 John Doe, Company X	Spectrum John Doe, Company X	Green G John Doe, Company X	Societal/Econ John Doe, Company X	Applications John Doe, Company X	Ad Hoc John Doe, Company X	Technical Program Office	Policy Comm John Doe, Company X	MarCom Comm John Doe, Company X	Research Community John Doe, Company X	Discovery and Ver. Ecosystem John Doe, Company X	Standard Bodies Org John Doe, Company X	Next G Global Institutes John Doe, Company X
Ref. No.	Deliverable or Task	Due	Status	% Complete	Working Groups										TPO	Committees		External Entities			

Academic Engagement

- Ongoing engagement with multiple universities and research groups
- Working closely with ATIS to encourage academic membership
- Targeting specific institutions/individuals who can provide contributions which fill identified gaps in knowledge or capabilities within the Working Groups

Questions?