S&T 2030 Ideas Collected Via

- University-hosted technical listening forums
- Independent studies (e.g., University, Industry)
- Website submissions (AFResearchLab.com/2030)
- University & government-hosted business listening forums
- One-on-one engagements with leading S&T organizations in industry, government, and universities
- Existing AFRL basic and applied science portfolio

4M informed – 20,000 interactions
1400+ ideas submitted – 150 posters presented
Professional Society Engagements

- WEPTAK, Nellis AFB, NV
- CES, Las Vegas, NV
- AFA Warfighter Symposium, Orlando, FL
- Engagement, The Minerals, Metals & Materials Society (TMS), Phoenix, AZ
- Aircraft Airworthiness & Sustainment /Propulsion Safety and Sustainment, Jacksonville, FL
- Tech Warrior Enterprise, Dayton, OH
- University of Tennessee Introduction to AFRL, Knoxville, TN
- AUVSI Xponential, Denver, CO
- National Defense Industrial Association (NDIA), Indianapolis, IN
- Engineers Society Meeting at 444 Building, Dayton, OH
- Society for the Advancement of Material & Process Engineering (SAMPE), Long Beach, CA
- American Institute of Aeronautics and Astronautics (AIAA), Cincinnati, OH
- Wright Dialogue Industry Days, Dayton, OH
- Association of Public Land Grant Universities, Bozeman, MT
- TRIAD Small Business Seminar, Columbus, OH
- Michigan Aerospace Manufacturers Association (MAMA) Detroit, MI
5 Strategic Capabilities

The Secretary of the Air Force released 5 Strategic Capabilities during the Air Force Association’s Air Warfare Symposium on February 28, 2019

• Global Persistent Awareness
• Resilient Information Sharing
• Rapid, Effective Decision-making
• Complexity, Unpredictability and Mass
• Speed and Reach of Disruption and Lethality
Global Persistent Awareness

Support continuous and timely knowledge of adversaries via distributed sensing across all domains
Resilient Information Sharing

Enable coordination across all Joint Force Assets
Rapid, Effective Decision Making

Increase the speed of battlespace understanding and decision making through automation
Complexity, Unpredictability and Mass

Overwhelm adversaries with complexity, unpredictability and numbers
Speed and Reach of Disruption and Lethality

Rapidly disrupt and neutralize dynamic mobile targets