



Role of Dual Use Technology Approach in Next G

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Chairman

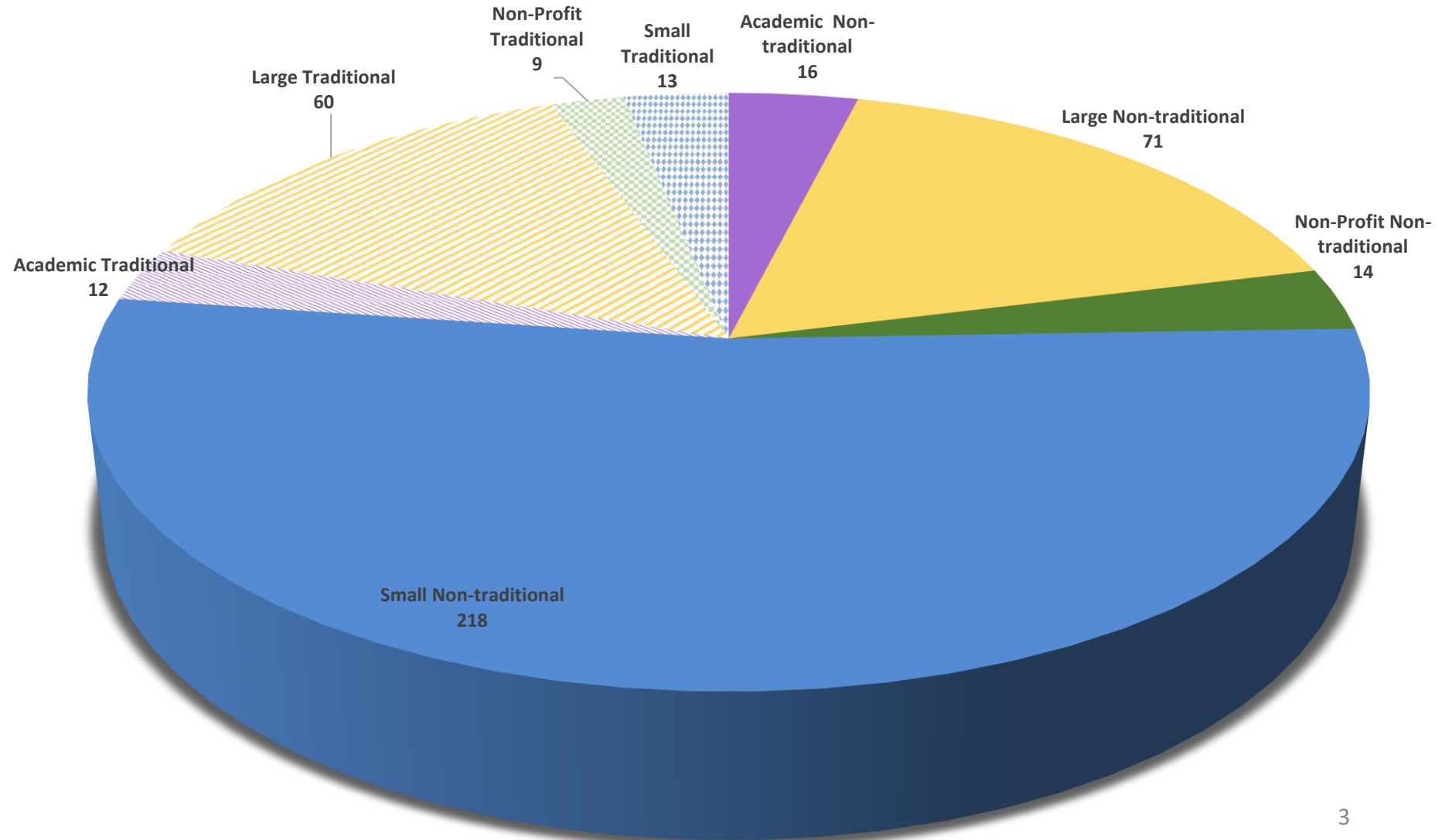
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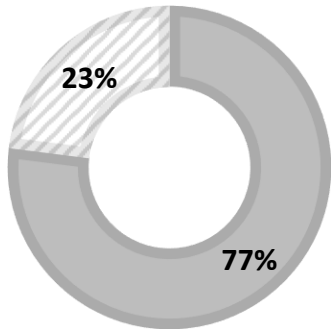
National Spectrum Consortium

- Community of Interest that creates next generation wireless concepts and reduces them to practice
- Collaboration between Public Sector and commercial
- Create dual use technology
- Fostering US leadership in 5G and spectrum innovation

413 Members



NON-TRADITIONAL VS. TRADITIONAL





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Value of Dual Use ?

- Collaboration between Governments and Commercial industry
- Invest in acceleration of Next G
- Burn down risk on Next G technology
- Leverage federal funding
- Capitalize on commercial speed to market
- Create an ecosystem for investment

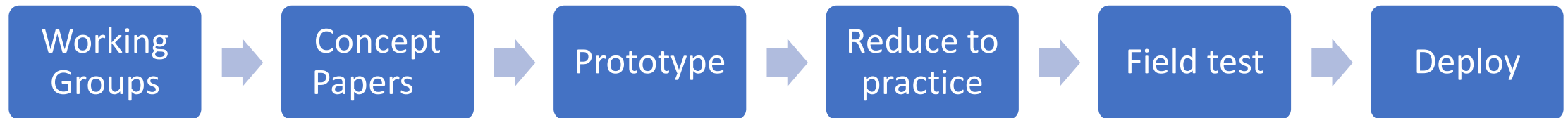


Examples

- PATHSS Working Group
 - Collaboration between DoD and NSC members on 3.1 – 3.4GHz band
- 3GPP Contribution
 - Contention-Based Sidelink Burst Transmissions
- Open RAN Collaboration Event – July 12th
 - Government and NSC Members
- 5G DoD Testbeds



Our Model fits Commercial and Public Sector Dual Use





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How is this working in 5G ?

- NSC is major collaborator with DoD 5G to Next G program
- Major 5G testbed implementations
 - Some of the largest 5G enterprise networks in the world
- High risk 5G network and security enhancements
- Pivot learnings to DoD 5G and Beyond tactical applications
- Non Traditional are getting access to funds and exposure to large 5G players in DoD and commercial markets. Potentially investor community



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Next G

- Collaborate now on spectrum
- Prototyping makes better policy. Spectrum is a long game
- Leverage 5G testbeds as starting point
- Expand NSC to collaboration with other global consortium



Thank you!