



2020 NDIA TWV Conference

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U.S. ARMY



Future Environment

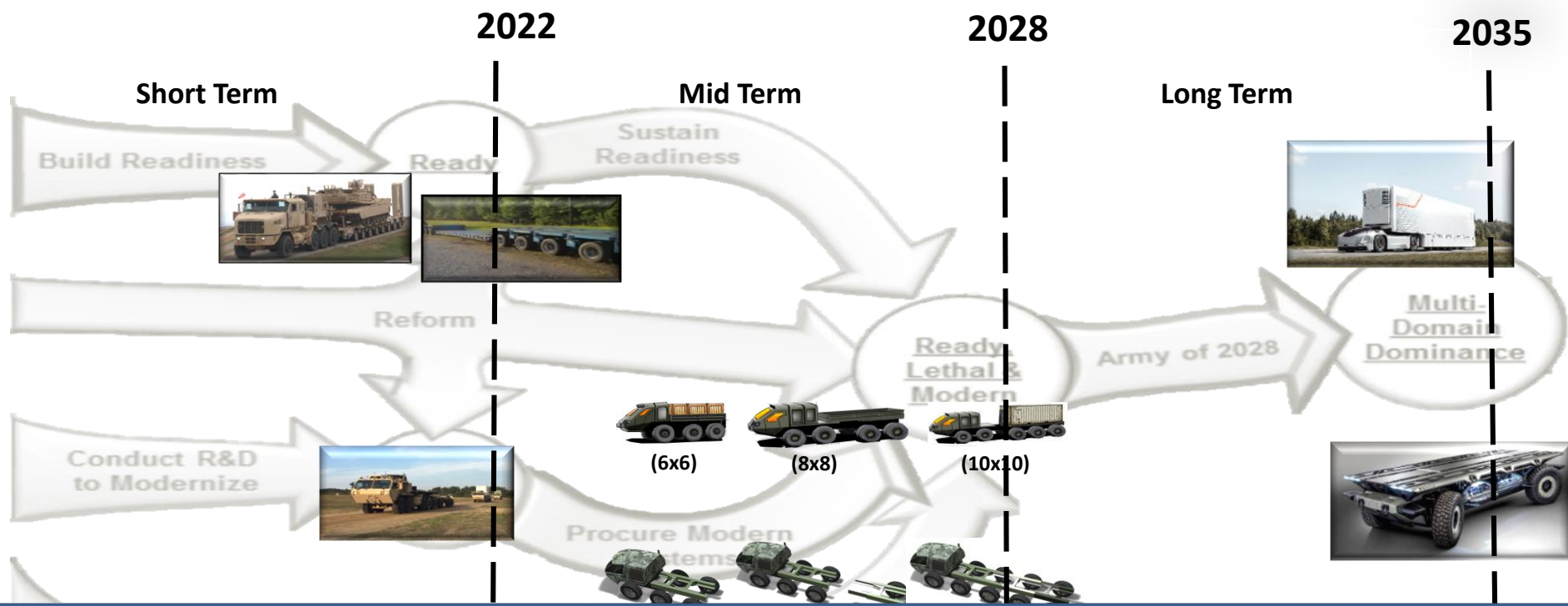
Key Components of TWV in the Future Environment



- **Multi-Domain Operations (MDO) from the Strategic Support Area to the Deep Maneuver Area requires reliable, agile, and responsive capability to enable distribution.**
- **Sustainment has the ability to take existing technology, integrate modernization, and leap with CFTs and the total force to ensure support at the critical point of need.**
- **TWV's are the cornerstone of the effort and must adapt to support these efforts. S&T investment is important to be able to leap into the future.**

TWV's must have the capacity, capability, and endurance necessary to operate across multiple domains in contested spaces against a near-peer adversary.

Future Tactical Wheeled Vehicles



Solve Current Capability Challenges:	Set Conditions to Leap:	Leap platforms to future capabilities:
<ul style="list-style-type: none"> - Develop to the dimensions of current and evolving platforms - Increase distribution through autonomy - Employ Diagnostics 	<ul style="list-style-type: none"> - Build fleet commonality - Leverage COTs - Reduce fuel consumption - Improve Semi-Autonomous operations - Develop Prognostics 	<ul style="list-style-type: none"> - Expand interchangeability - Pursue Electrification - Expand to Full Autonomy - Incorporate AI

← **Divest to increase both efficiency and effectiveness** →



Questions

