



DLA RESEARCH & DEVELOPMENT SUBNET PROGRAM



THE CHALLENGE

The Subsistence Network (SUBNET) Program must stay abreast of current and emerging trends, technological advancements, and innovations in the subsistence supply chain to be viable to the warfighters in the future. This includes improving subsistence processes and products; and researching, identifying, developing, and testing low-risk, high-impact technologies; and transitioning improved technologies and processes into the subsistence supply chain.



WARFIGHTER READINESS

THE BENEFITS

- Transform and modernize subsistence capabilities to sustain warfighter readiness and lethality
- Improve technology and innovate processes to sustain the industrial base
- Leverage emerging technologies in order to remain competitive and better serve our customers long term



WHOLE OF GOVERNMENT AND INDUSTRY PARTNERSHIPS

- DLA TROOP SUPPORT SUBSISTENCE
- U.S. NAVY
- U.S. MARINES
- U.S. ARMY
- U.S. AIR FORCE
- U.S. COAST GUARD
- U.S. DEPARTMENT OF AGRICULTURE
- MEALS READY TO EAT ASSEMBLERS
- JOINT DEFENSE MANUFACTURING PANEL
- ACADEMIA



<https://www.dla.mil/Information-Operations/Research-And-Development/>

ACCOMPLISHMENTS & ONGOING EFFORTS

- Identification of Critical Performance Properties for Barrier Materials in **Hot Sauce Packaging** for MREs
- **Biodegradable Cellulosic Bio-Polymer to replace plastics for Military Food Packaging and Food Service**
- Modernization and Readiness Analysis of **Joint Food Management Systems (JFMS)** Piloting Phase
- **Novel Radio Frequency Sterilization** processing to improve the quality of rations for the warfighter
- **Heating, Hydrating Combat Rations (HHYCOR)** to heat and purify water for Meal Cold Weather rations
- **Examine the origin of PFAS Compounds in Packing Material** used to assemble MREs with the suppliers
- **Separation, Composting, Recycling and Repurposing System** to recycle or repurpose plastics waste

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WARFIGHTER ALWAYS