

Development, Demonstration, and Validation of a Department of Defense Sustainable Products Center (DOD SPC) (Task N.0811)

Statement of Need

The DoD Strategic Sustainability Performance Plan (SSPP), Federal Acquisition Regulations (FAR), Presidential Memoranda, and multiple Executive Orders (EOs) direct the military services to use sustainable products as alternatives to currently used non-sustainable or “brown” products. The performance of these new sustainable alternatives must be proven to meet DoD specifications and operational requirements. To increase awareness and compliance with Federal sustainability directives, the Defense Logistics Agency (DLA) has executed several tasks involving the evaluation and demonstration of green products in operational environments at DoD installations through the NDCEE.

Through various NDCEE efforts performed under NDCEE Task Orders 0540 (Bio-Based Product Evaluation), 0556 (Green Product Evaluation and Implementation Program), and 0727 (Bio-based Product Evaluation and Green Product Demonstration), the Government has determined, with unanimous feedback from installation personnel, that a single focal point providing information on sustainable products which meet DoD performance requirements and Federal Acquisition Regulations (FAR) is required. The next step in the successful NDCEE green product evaluations and demonstration initiatives is to establish a virtual DoD Sustainable Products Center (SPC) that will act as an independent center for the integration of sustainable products. This single focal point will assist DoD in rapidly identifying sustainable alternatives to hazardous or non-green products. The development, demonstration, and validation of the DoD SPC will provide the DoD with a central repository of information on sustainable products and services that will assist DoD in meeting the FAR and transitioning to sustainable products.

Technical Approach

The development and demonstration of the DoD SPC focused on the following activities:

- Developed and demonstrated a DoD SPC website hosted on the Defense Environmental Network and Information eXchange (DENIX).

- Conducted outreach activities including site visits to various military installations and collected information on areas of need for sustainable alternatives.
- Performed a validation of the DoD SPC by reviewing the information collected from outreach activities, identified potential sustainable products to be demonstrated, executed the demonstrations in accordance with the Sustainable Products Demonstration Plan, and incorporated the new sustainable alternative products onto the DoD SPC.

Government POC
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Status
Complete

Results and Benefits

This task resulted in a comprehensive website that enhances the awareness of sustainable products and increases use of sustainable alternatives by the DoD. These actions improve compliance with FAR and DoD policies while increasing sustainable offerings from DLA. To assist DoD personnel, the SPC operates as an independent virtual center, focused on increasing awareness and disseminating information on sustainable product availability, identifying need areas for sustainable products, and demonstrating alternative sustainable products to military requirements at DoD installations.

Technology Transfer and Outreach

The DoD SPC is hosted on DENIX and available to all DoD personnel involved in the procurement process, from the motor pool sergeant initiating a procurement requisition through senior contracting officials.

