

TRANSFORMATIVE REDUCTIONS IN OPERATIONAL ENERGY CONSUMPTION (TROPEC). TROPEC, a joint DoD/DOE project, was launched in 2012 with the objective of helping DoD reduce fuel use specifically at expeditionary camps in tropical regions.

Led by U.S. Pacific Command in collaboration with partners from Naval Facilities Engineering Command, and Oak Ridge and Lawrence Berkeley National Laboratories, TROPEC identifies, assesses, and helps transition energy reduction innovations across the full spectrum of expeditionary camp energy use. At JOCOTAS, TROPEC's briefing emphasized that high-performance shelters

are the keys that open the doors for large synergistic energy efficiency gains thru system-of-system (SoS) solutions. SoS impacts can be even greater when technology and operational solutions are combined. TROPEC's 2014 update summarized the range of solutions received to date, the technology assessments both completed and in-progress with DoD partners (including JOCOTAS members), and upcoming field assessment opportunities to which DoD expeditionary energy stakeholders are invited. In addition, the briefing highlighted some potential high-impact SoS solution sets, some remaining ECU opportunities, and provided points of contact for outreach to TROPEC.

