Tier 3 Priority: Directed Energy Systems

Directed Energy (DE) is a new disruptive capability, not currently operational in the Defence and National Security domains, which is likely to proliferate over the next decade.

Some of the specific challenges and priorities, include, but are not limited to:

* Reducing size, weight, and power (SWaP);
* Increasing output power/energy for both Continuous  Wave (CW); and pulsed electromagnetic energy;
* Thermal management of high temperature;
* Radiation and beam delivery;
* Targeting and Tracking;
* Hardening/protection mitigations for electronics/ systems and bioeffects.