

Investor and Engineering Highlights

Investor Message

Each ton of NSFS bio-composite used in defense and security systems avoids ≈ 9.7 tons CO₂, qualifying as a reportable “Green Defense Asset” under EIB, NIB, and NATO ESG finance criteria.

NSFS defense lines create an entirely new class of *verifiable, carbon-negative dual-use materials*— linking industrial innovation with energy security and strategic resilience. These materials position NSFS for offtake agreements under DoD and ASEAN procurement programs and for green bond-backed manufacturing expansion.

Engineering Directive

- 

Certify hybrid hemp-carbon laminates under NIJ Level IIIA and STANAG 2920 V50 testing.
- 

Develop modular blast panel systems for field shelters and critical infrastructure.
- 

Integrate fiber tracers into digital product passports for DoD ESG compliance reporting.
- 

Prototype carbon-negative stealth composites for UAV and vehicle signature reduction.
- 

Validate acoustic attenuation for command and communications modules under ISO 354.

