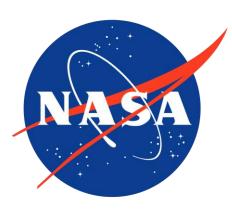
NASA Technology Transfer Expansion

Armstrong Flight Research Center





NASA Technology Transfer Office

Armstrong Flight Research Center





Technology Transfer University (T2U)

Bringing NASA Technology Into The Classroom



Research

STEM and Business students develop a business plan to bring a NASA-patented product to market

Experience

are exposed to crossprojects

Technology

Students gain skills and Students are exposed to cutting edge disciplinary work during technologies with strong market relevance

Commercialization

Viable businesses have been started out of the T2U program

Technology Transfer Expansion (T2X)

Opportunity Roadmap











NASA T2U

Business plan creation based on NASA-patented technology

Space Act Agreement

Agreement with NASA for technology research

License

Research, trial, commercialization licensing opportunities

SBIR & STTR

Small Business Innovation Research & Small Business Technology

Transfer

T2U Business Case

ecoSPEARS

The SPEARS technology is licensed by ecoSPEARS, an environmental technology company that provides carbonless environmental cleanup services. The inspiration for ecoSPEARS came from a T2U program held at Rollins College in Florida.



Sediments

Our SPEARS (Sorbent
Polymer Extraction and
Remediation System) is an
in-situ system to extract
PCBs, dioxins and other
chlorinated contaminants
from sediments.

Soil

Our ADS (Additive Desorption System) is a mobile ex-situ system to extract PCBs, dioxins and other chlorinated contaminants from dry soil or sediments.

Groundwater

The Ultraviolet Advanced
Oxidization with Peroxide
(UV/AOP) is an on-site
system, pump and treat
solution to degrade
polychlorinated biphenyls
(PCBs) in water.





NASA Centers

Expertise Across All Disciplines

Ames Research Center (ARC) - California

Armstrong Flight Research Center (AFRC) - California

Jet Propulsion Laboratories (JPL) - California

Johnson Space Center (JSC) - Texas

Stennis Space Center (SSC) - Mississippi

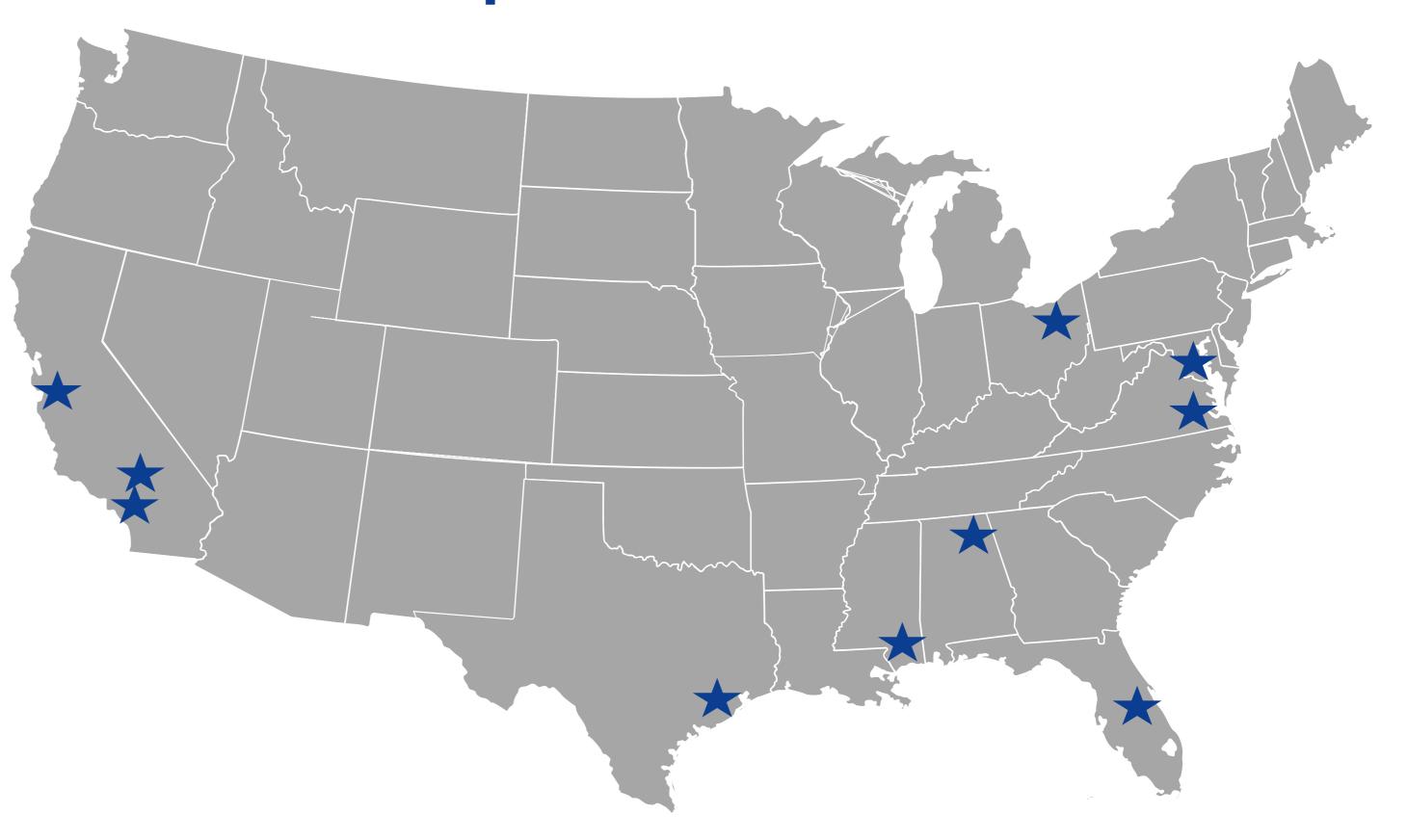
Marshall Space Flight Center (MSFC) - Alabama

Glenn Research Center (GRC) - Ohio

Kennedy Space Center (KSC) - Florida

Goddard Space Flight Center (GSFC) - Maryland

Langley Research Center (LARC) – Virginia







Questions?

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