



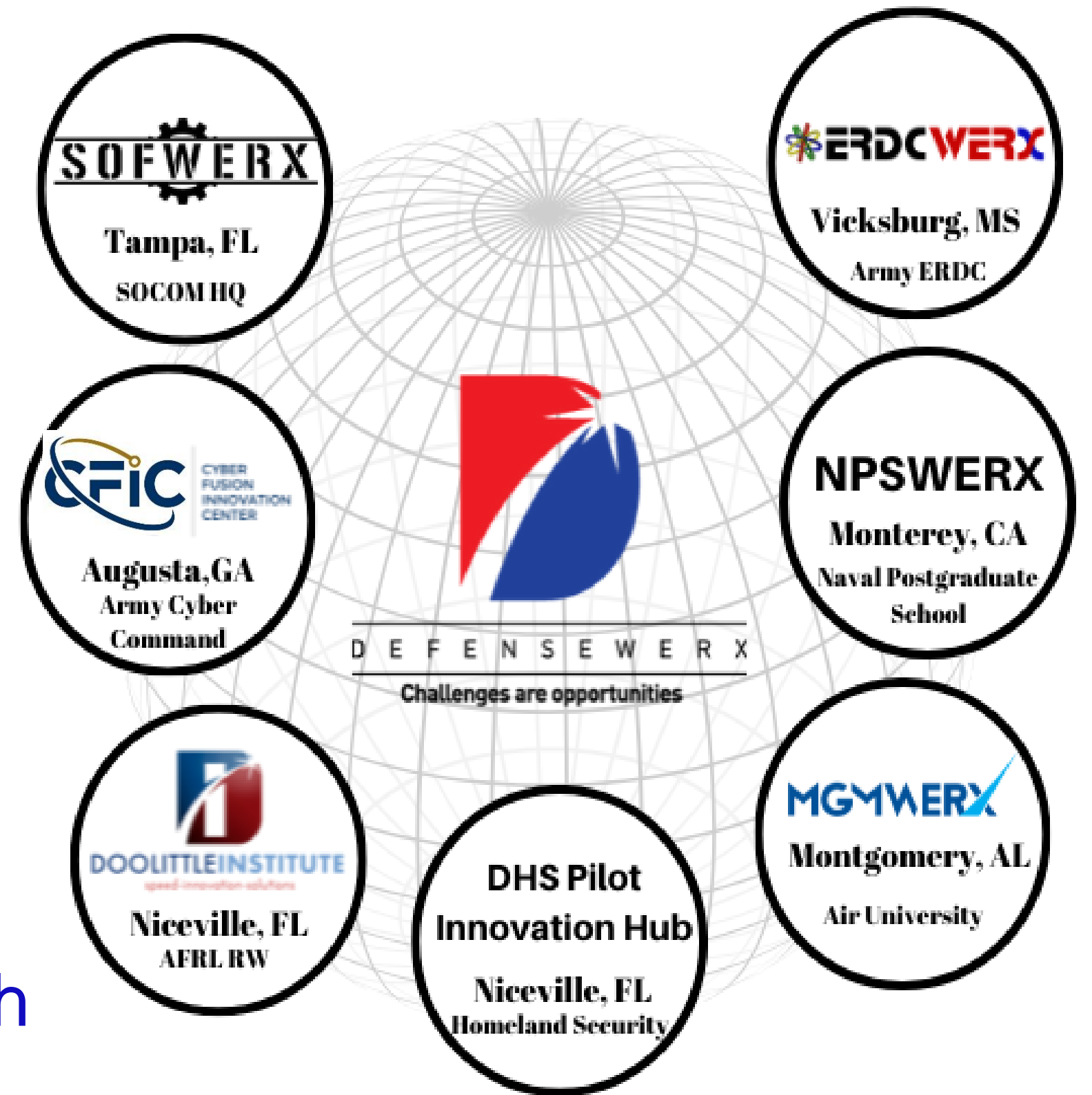
# Opportunities with ERDCWERX

September 2021



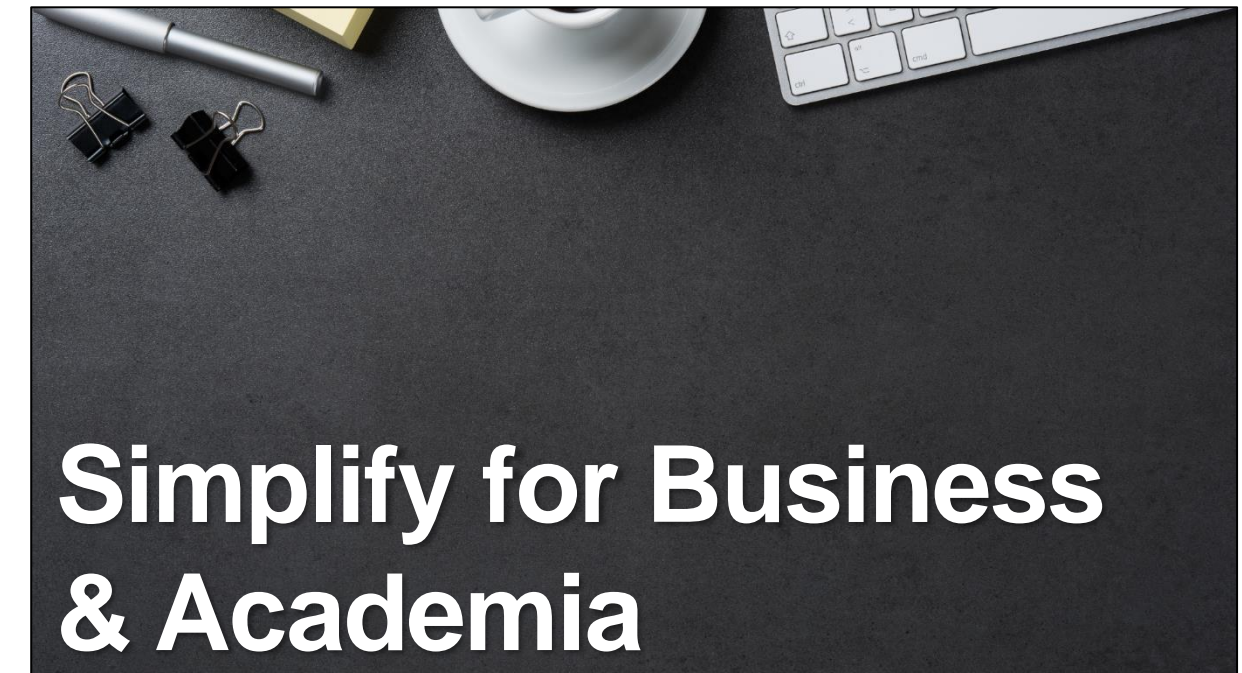
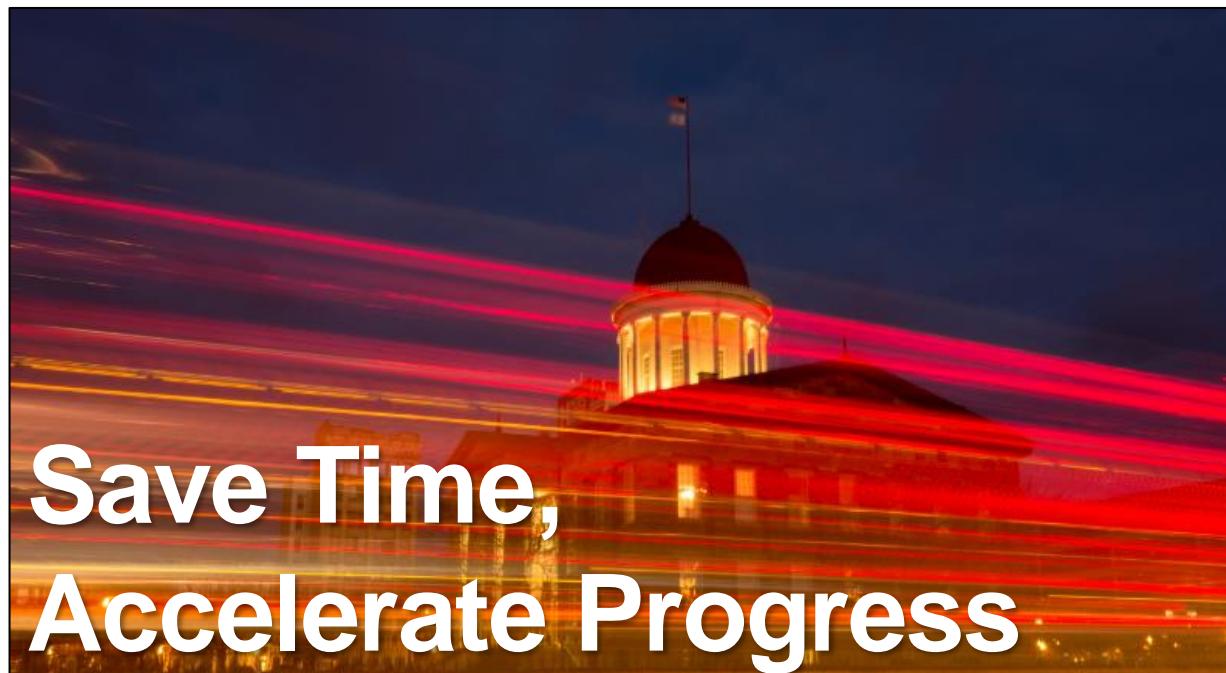
# Introducing ERDCWERX

- Innovation hub of DEFENSEWERX
- Resource for ERDC projects and IP commercialization
- Alternate path to contract opportunities with ERDC
- Engages small businesses, academia, and other innovators to do business with ERDC





# ERDCWERX helps ERDC...



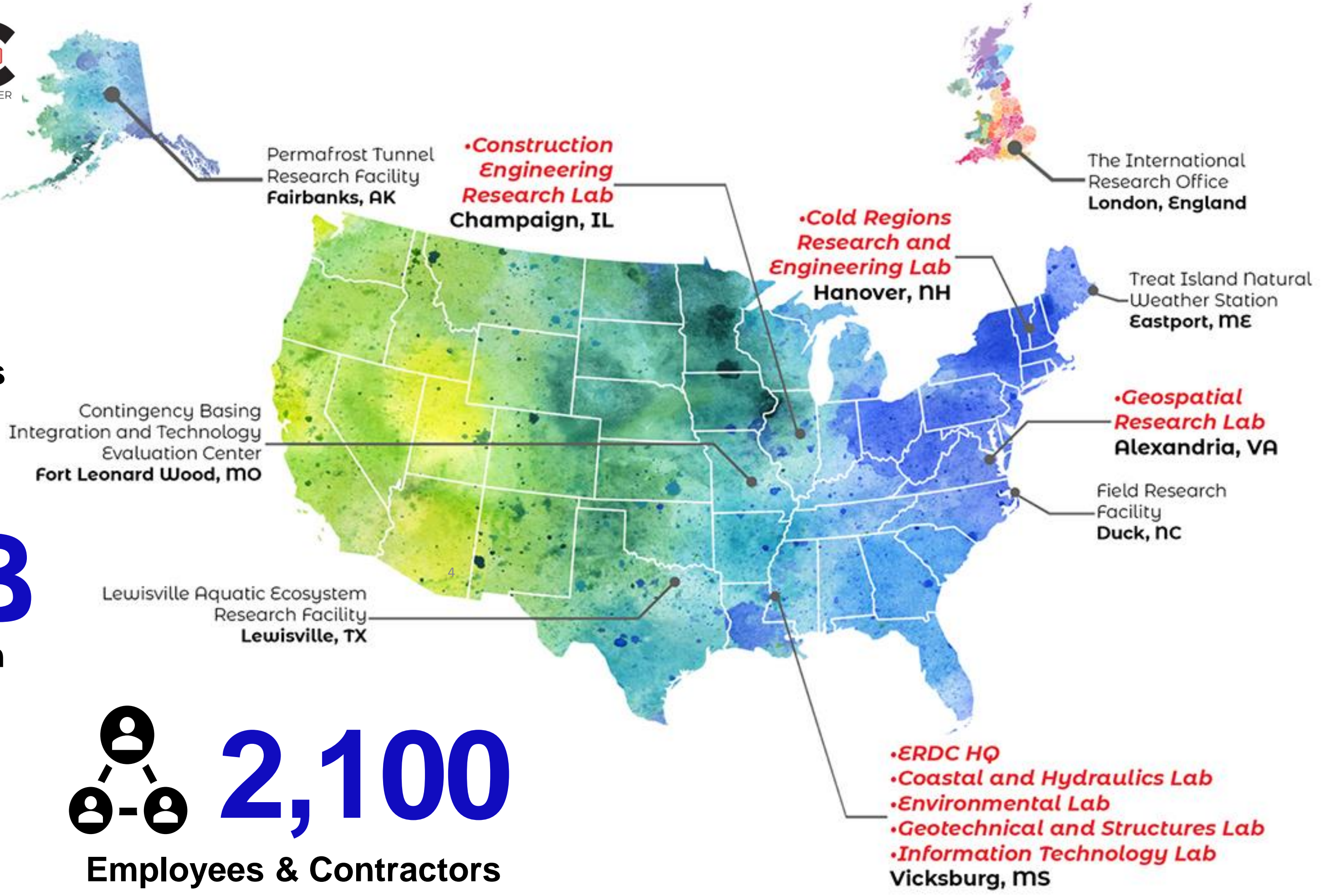
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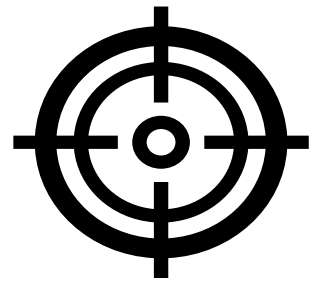


**7**   
U.S. Lab Locations

**\$1.3B**  
Annual Research Program

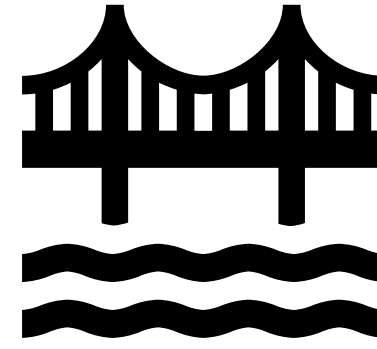
 **2,100**  
Employees & Contractors





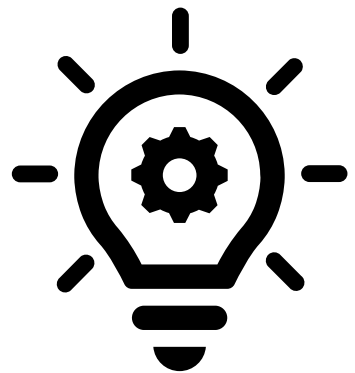
## Military Engineering

- Adaptive Protection
- Environmental Effects on Sensor Performance
- Austere Entry and Maneuver
- Deployable Force Protection



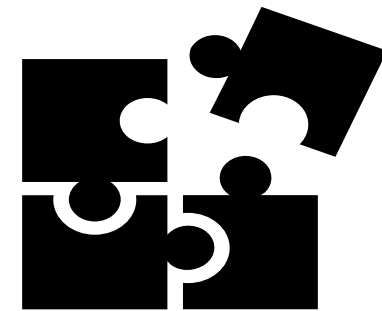
## Civil Works

- Inland and Coastal Navigation Hydropower
- Flood Risk Management and Coastal Systems
- Water Supply, Emergency Management
- Environment – Restoration, Regulation, Stewardship
- Water Resources Infrastructure
- System-Wide Water Resources



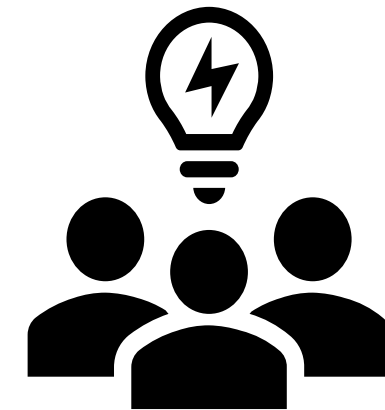
## Engineered Resilient Systems

- Weapon Systems
- Computational Proving Grounds
- Operational Environments
- Analytics



## Installations & Environment

- Adaptive and Resilient Installations
- Sustainable Ranges and Lands
- Military Materials in the Environment



## Geospatial Research & Engineering

- Terrain Analysis for Signal and Sensor Phenomenology
- Geospatial & Temporal Information Structure and Framework
- Geospatial Reasoning
- Geo-Enabled Mission Command
- Imagery and GeoData Sciences



# Tech Challenges

## Capability Assessment

- Identify industry/academic capabilities, support ERDC innovation
- Ecosystem and market research are used to attract submissions to solve a specific problem identified by ERDC

### 2021

Acoustic Sensing (now open through 9/28)

Levee Monitoring Solutions

Road Repair Work Tool Attachments

Expedient Protection Barrier (RAPID) Commercialization

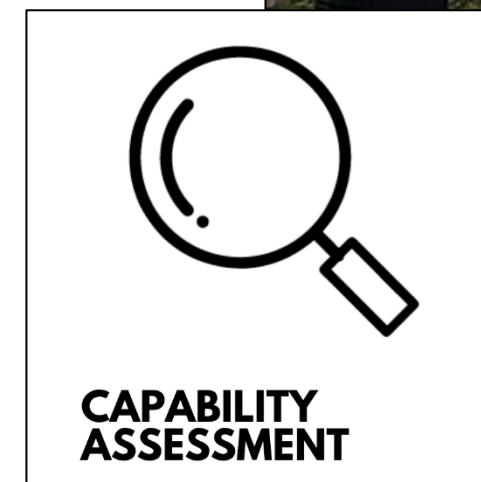
Installations of the Future

- Installation Access Control Technology
- Smart Installation and Community Dashboard

### 2020

Rapid Road Surface Stabilization

Rapid Obstacle Marking (with MSCoE)



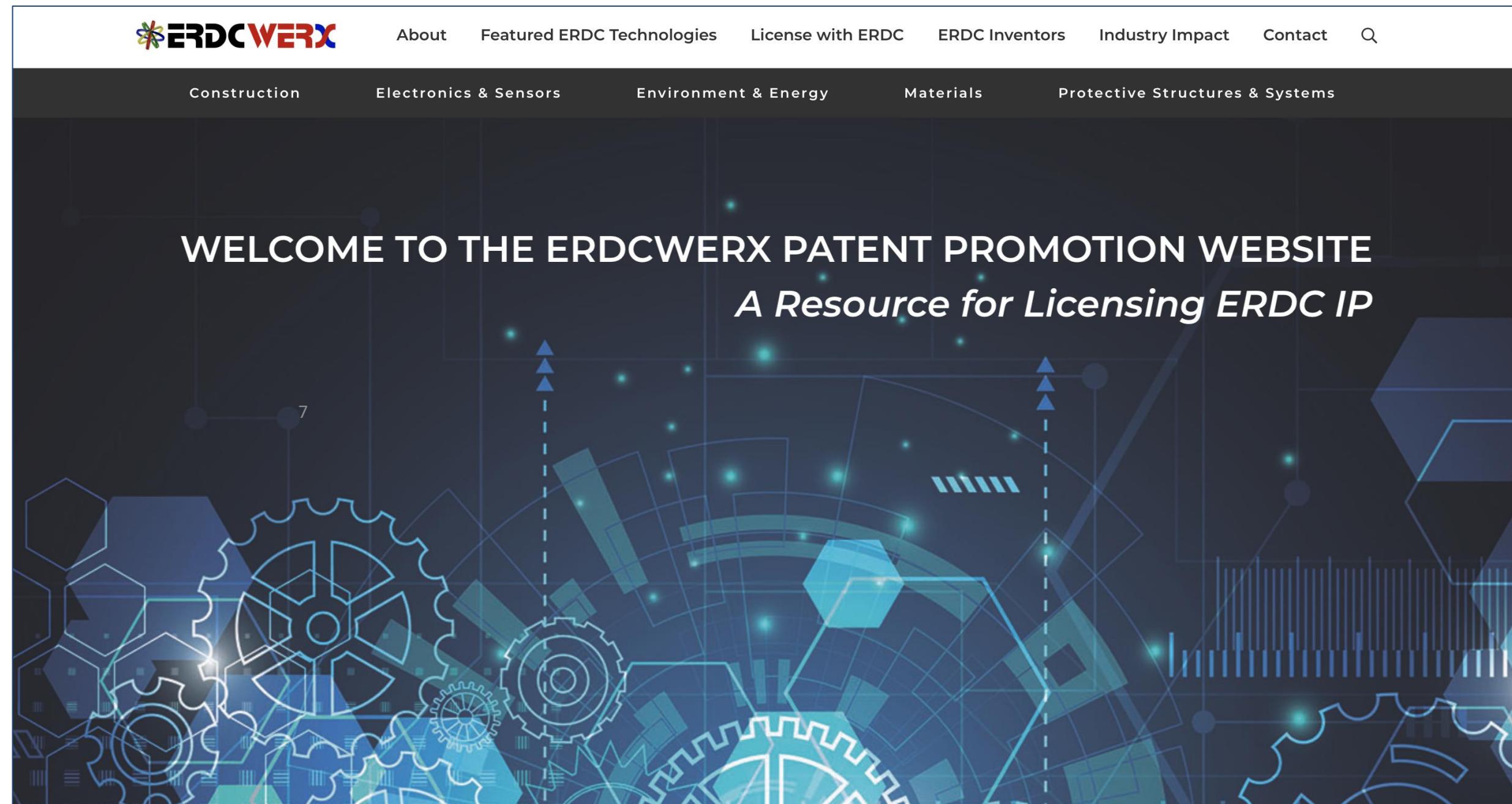
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# New... ERDCInnovation.org

## Patent Promotion Website

Featured IP  
Industry Impact  
Researcher Accomplishments  
Streamlined Licensing



# Other Transaction Authority (OTA)

## Broad Other Transaction Authority Announcement (BOTAA)

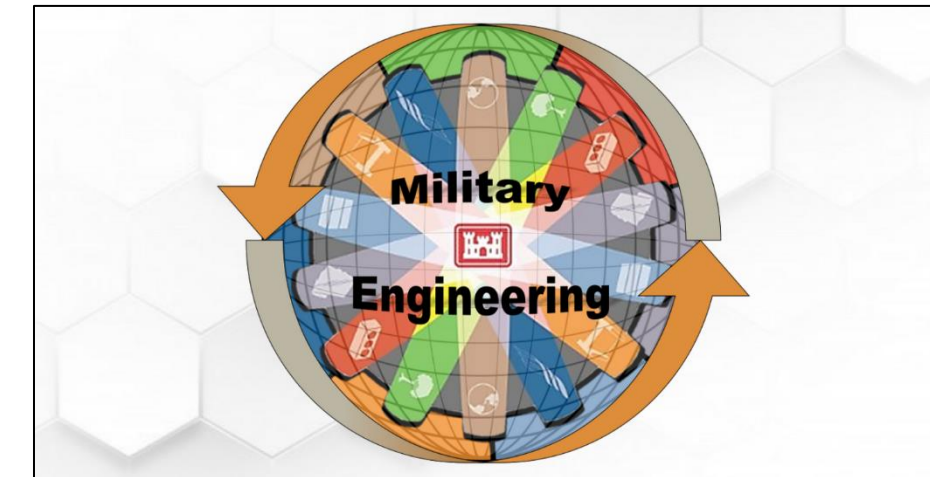
- Non-FAR contracting mechanism
- Continuously open for prototype concepts
- Welcomes white papers that fit any of the defined focus areas
- Supports specific white paper requests
- Source of funding varies by project

## Military Engineering (GSL)

10 focus areas

## Engineered Resilient Systems (ITL)

7 focus areas



Broad Other Transaction Authority Announcement (BOTAA)

Request for White Papers

Submissions Open

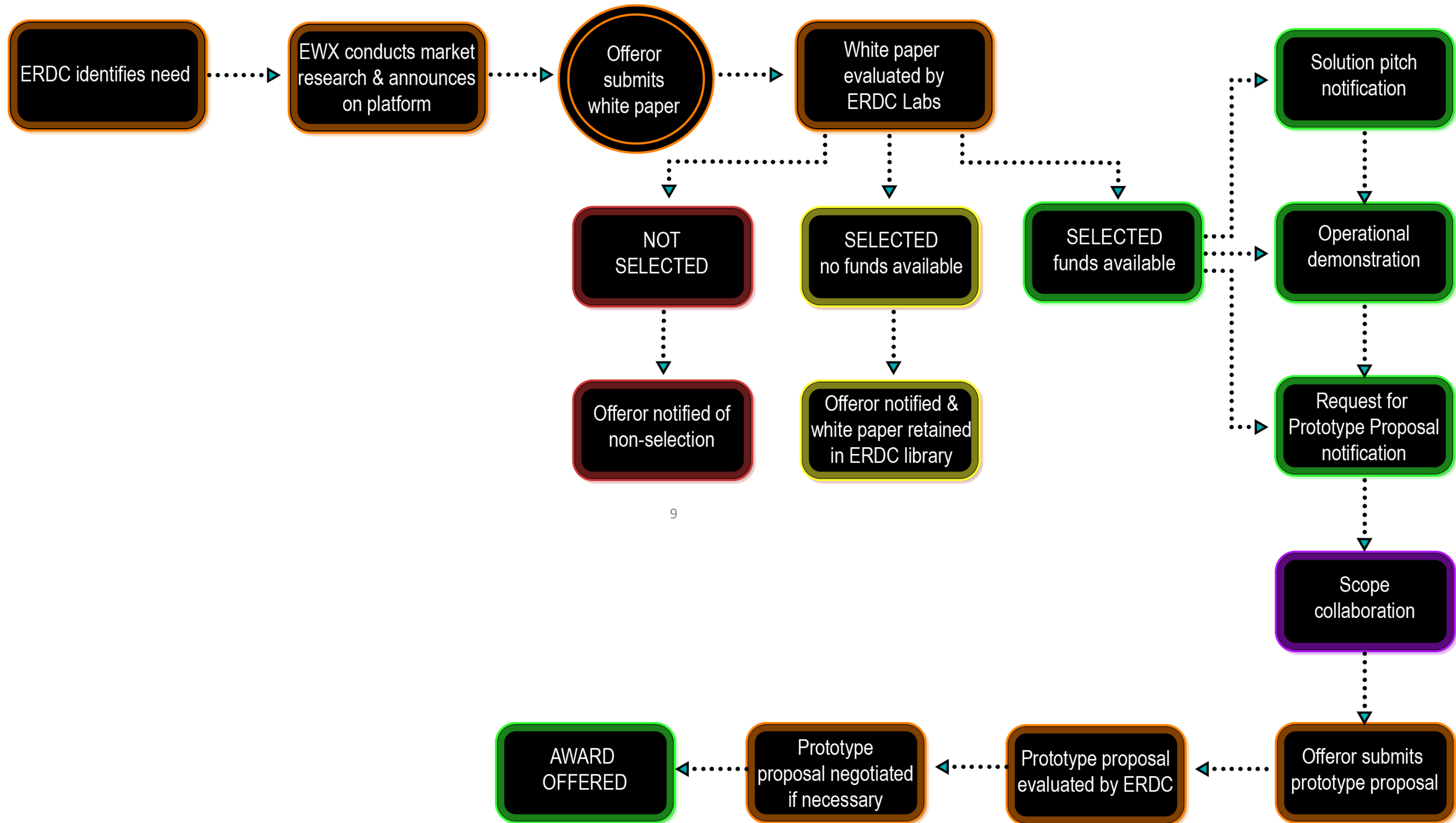
Transaction Announcement

White Papers

Open



# How it WERX: OTA Process



# Connect with us

[www.erdowerx.org](http://www.erdowerx.org)

[www.erdowerx.usace.army.mil](http://www.erdowerx.usace.army.mil)

    @erdowerx

**Paul Sumrall**

Director

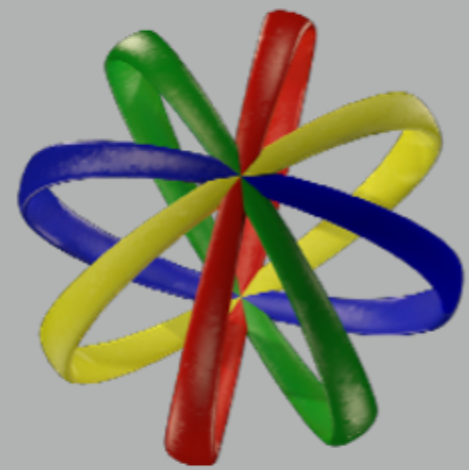
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**ERDC WERDC**