



# THE ERDCWERX VALUE PROPOSITION

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MAY 2023



INNOVATE. COLLABORATE. ACCELERATE.

# INTRODUCING ERDCWERX

ERDC's goals for its Partnership Intermediary Agreement (PIA)



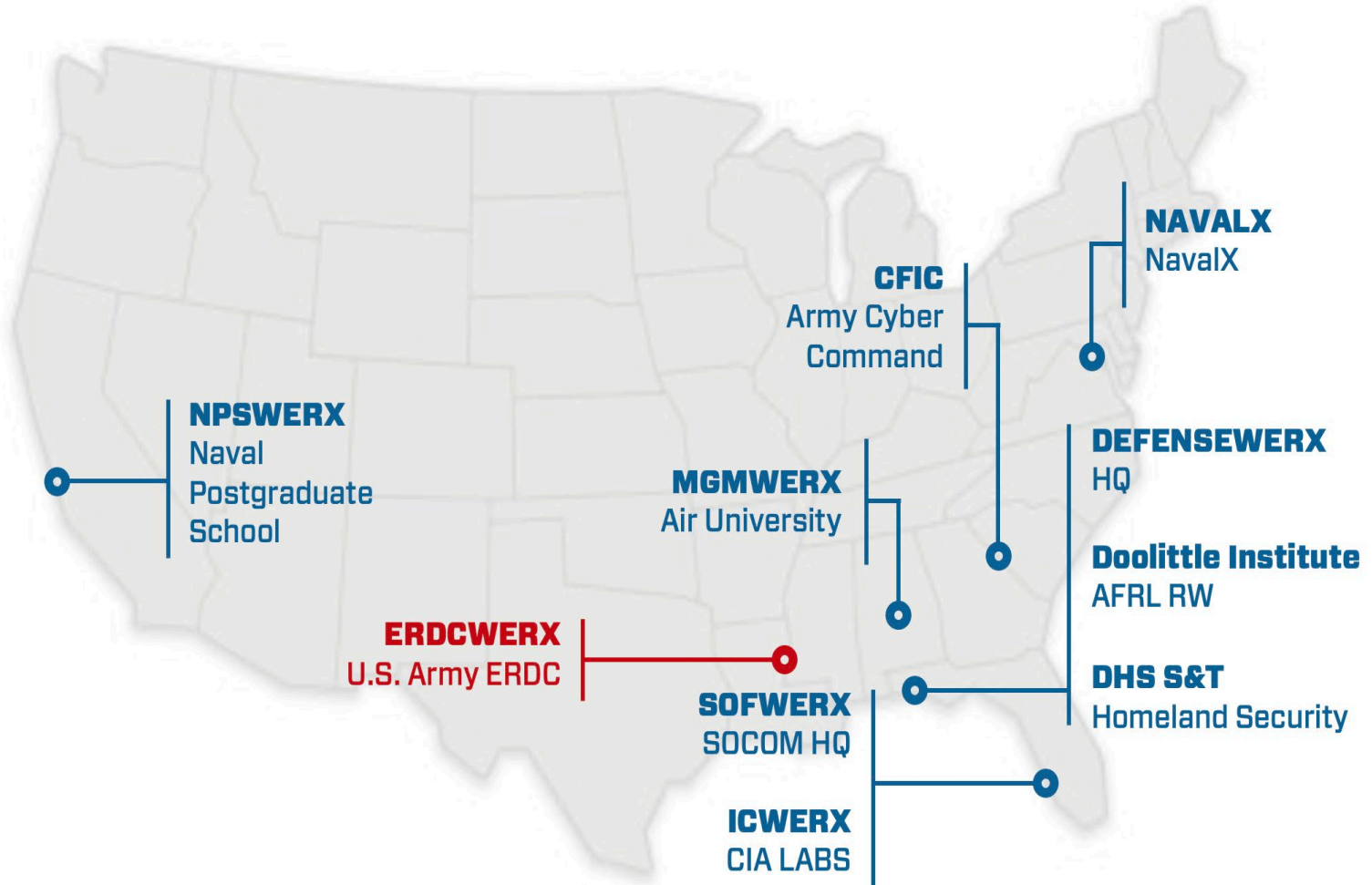


D E F E N S E W E R X

Challenges are opportunities

# INNOVATION HUBS

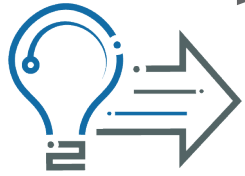
A Growing Trend in the Federal Government



ERDCWERX.ORG



# IMPACT DELIVERED FOR ERDC



**100+** Patents Assessed

**28** Patents Featured on ERDCInnovation.org



**18** Tech Challenges Promoted

**\$211k** Value of Tech Challenge Awards



**18,500+** Ecosystem Members & Social Media Followers

**46** AWARDS TO INDUSTRY & ACADEMIA

**\$149m**

**\$132.3m**

Value of ERDC OTA Agreements Awarded



ERDC OTA Agreements Awarded **22**

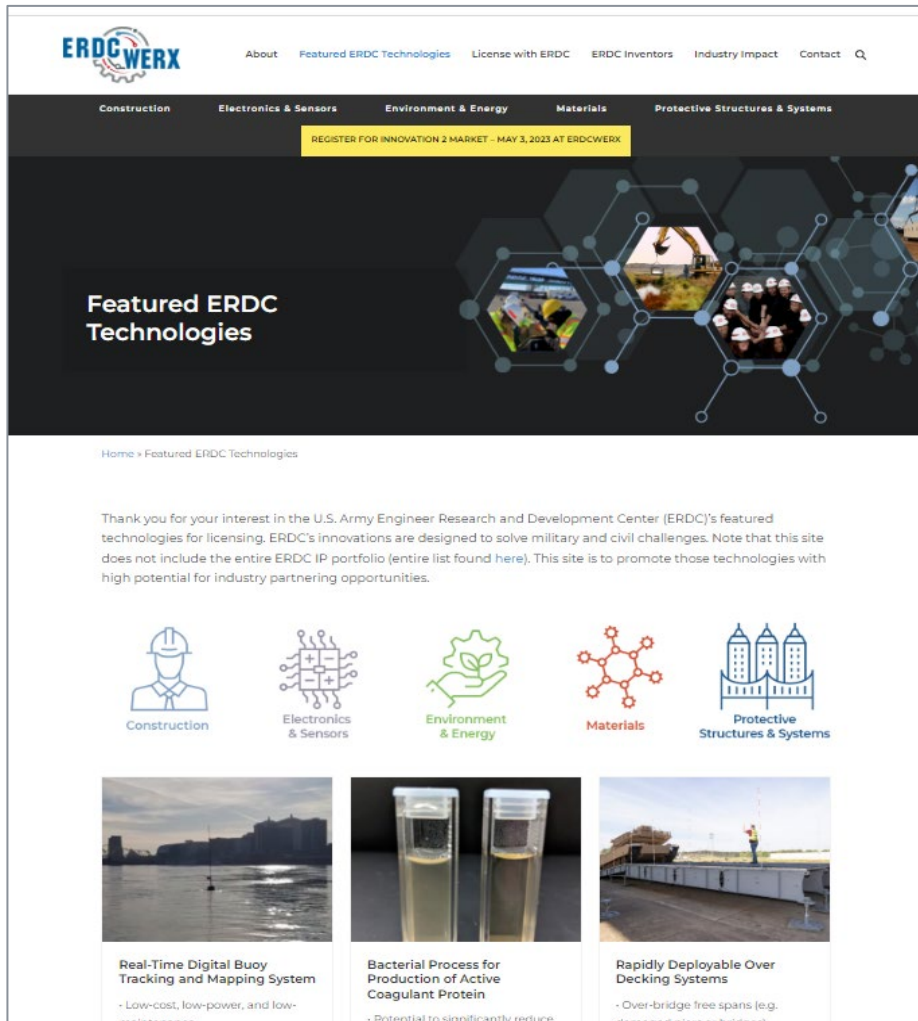


Value of CSO Contract Awards **\$14.9m**

**9** ERDC Contracts Awarded to CSO Submissions



# FEATURING THE ADVANTAGES OF ERDC PATENTS



ERDCInnovation.org

- 28 Patents with High Commercialization Potential
- “How To” Guidance Regarding ERDC’s Streamlined Licensing Options
- Access to Supportive Consultation and Assistance



# LOOK TO ERDCWERX FOR ASSISTANCE

Funded by ERDC's Office of Research & Technology Transfer (ORTT)

## Details Regarding Opportune Patents

- Summarizing patent attributes, industry applications, unique benefits

## Proactive Outreach to Business Contacts

- Matching opportunities with capabilities

## Timely Response to Inquiries

- Simplified process for posing questions

## Support for Application Steps

- Guiding and assisting interested parties

## Teaming With Other Important Resources

- Working "hand in hand" TechLink and ORTT



# COMMERCIALIZATION OPPORTUNITY

## HIGH VOLUME AIR STREAM WATER RECOVERY



- Recovers water using less than 40 watt-hours of energy per gallon
  - Adjustable airstream (speed, temperature) to optimize energy usage
- Scalable and adaptable for broad applications





# COMMERCIALIZATION OPPORTUNITY

## AUTOMATED CONSTRUCTION OF EXPEDITIONARY STRUCTURES (ACES)



- 3D concrete printer
  - Less waste, lower cost
- Flexible, efficient, and accurate
- Applications in the construction of various structures including buildings and bridges





# RECOGNITION FOR ERDC COLLABORATIVE EFFORTS

## FEDERAL LAB CONSORTIUM (FLC) AWARDS



- Featuring industry and inter-governmental partners
  - Celebrating technology transfer and transition results
- Developing award applications to FLC and other national programs




# OPPORTUNITIES TO INNOVATE WITH ERDC

JOIN OUR ECOSYSTEM CONTACT US SEARCH

**ERDCWERX**

ABOUT US ▾ EVENTS & TECH CHALLENGES ▾ LICENSE A PATENT U.S. ARMY ERDC

PROTOTYPE OPPORTUNITIES COMMERCIAL SOLUTIONS CAPABILITY ASSESSMENTS BROAD AGENCY ANNOUNCEMENT PATENT COMMERCIALIZATION



**ERDCWERX provides a streamlined path to collaboration and contracting with the U.S. Army Engineer Research and Development Center (ERDC).**

Our events, tech challenges, and other opportunities make it easier and faster for innovators to propose solutions for consideration by ERDC.

[View Events & Tech Challenges](#)

**Frost Effects Research Facility Upgrade**

The U.S. Army ERDC invites solutions that will enhance its Frost Effects Research Facility cooling reliability and efficiency.

[Learn How to Participate](#)

**ERDC Innovation: Harvest the Power of ERDC Patents**

Seeking to grow your business? Visit our new patent promotion website—a resource for licensing ERDC IP.

[View ERDCInnovation.org](#)

## ERDCWERX.org

- **Over 35 open project categories**
- **Diverse range of needs including Military Engineering, Civil Works, and more**
- **Lowers the barrier of entry for non-traditional defense contractors**
- **Invites brief white paper submissions, evaluated timely by ERDC**
- **Solutions may be considered for current/future funding opportunities**



ERDCWERX.ORG

# CASE STUDY

## SMART INSTALLATION & COMMUNITY DASHBOARD

**Aug. 2021**  
ERDCWERX  
announcement

11 submissions

1 selected for  
negotiations

**Dec. 2021**  
\$3,750,000  
awarded

- Pilot at Fort Benning, GA
- Develop and demonstrate solution
- Evaluate for potential adoption at other installations
- Support 2020 Army Installation Modernization Strategy



# CONNECT WITH US

Sign up to receive announcements regarding patents and project opportunities.

- [ERDCInnovation.org](https://ERDCInnovation.org) for licensing ERDC IP
- [ERDCWERX.org](https://ERDCWERX.org) for tech challenges, events, and other opportunities
- Follow **@ERDCWERX** on social media
- Join our ecosystem

