USAID FROM THE AMERICAN PEOPLE ENERGY BRIDGE

USEA United States Energy Association

CYBER RESILIENCY CHALLENGE 2022

Another successful initiative of USAID's partnership with USEA under the U.S.-Europe Energy Bridge.

CYBER RESILIENCE IS ENERGY RESILIENCE

Energy operators need technology, people, and processes to strengthen their systems against cyber attacks. The Cyber Resiliency Challenge is an opportunity for energy operators to test their incident response processes, identify improvement opportunities based on their existing resources, and learn from energy industry peers and experts.

WHAT IS THE CYBER RESILIENCY CHALLENGE?

The Cyber Resiliency Challenge is a cybersecurity incident preparedness activity that takes participants through the process of dealing with a simulated incident. During the simulation, tabletop facilitators introduce "injects," or situations based on real-world experience, to observe the organization's simulated actions and decisions in response. In 2022 USEA hosted two of these challenges.

TABLETOP EXERCISES
Conducted more than 16 hours across 2 separate exercises in June and July 2022.

REAL WORLD SCENARIOS
Including disinformation, lateral movement, ransomware, destructive attacks, and IT and physical compromises.

LED BY INDUSTRY EXPERTS
Comprising world-class cybersecurity trainers with extensive energy and incident response experience.

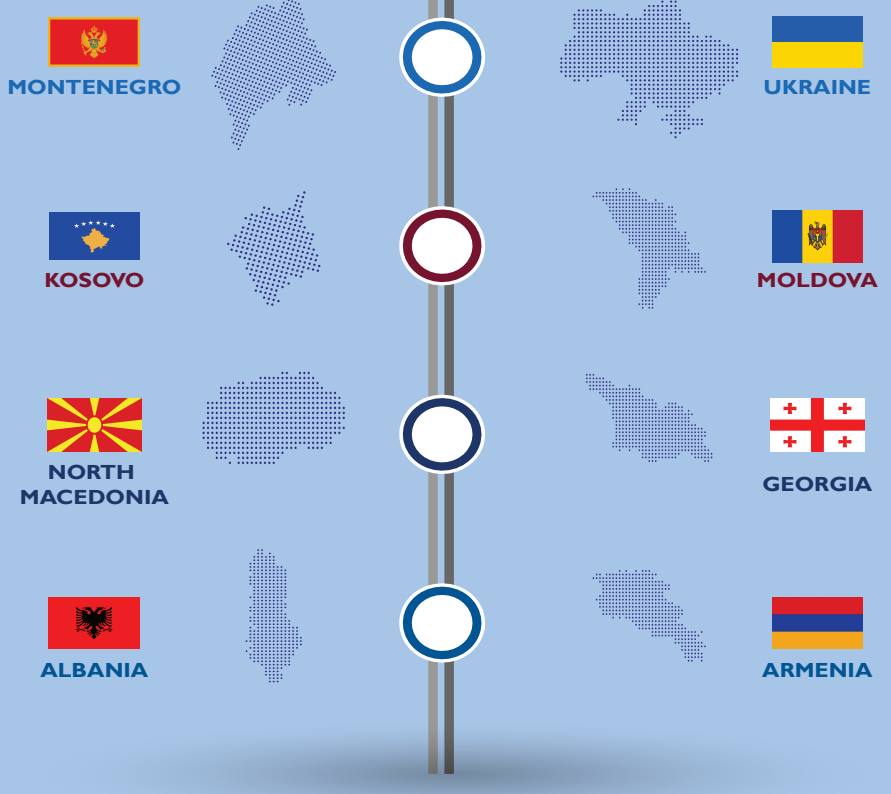
100% REMOTE DELIVERY
Allowed for participation despite the ongoing COVID-19 pandemic and the war in Ukraine.

THE IMPACT

Within 6 weeks of participation, all operators implemented at least one improvement:

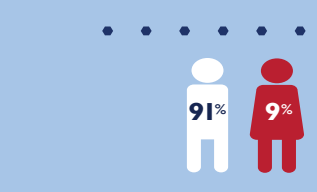
- **50%** FORMED INCIDENT RESPONSE TEAMS
- **38%** REVISED INCIDENT RESPONSE PLANS
- **25%** APPLIED BEST PRACTICES
- **13%** CREATED NETWORK DIAGRAMS
- **13%** ESTABLISHED SECURE COMMUNICATIONS
- **13%** IMPLEMENTED HONEY POTS
- **720** TRAINING HOURS DELIVERED (127% OF TARGET)

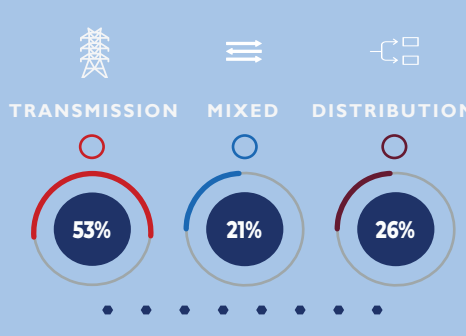
WHO PARTICIPATED?

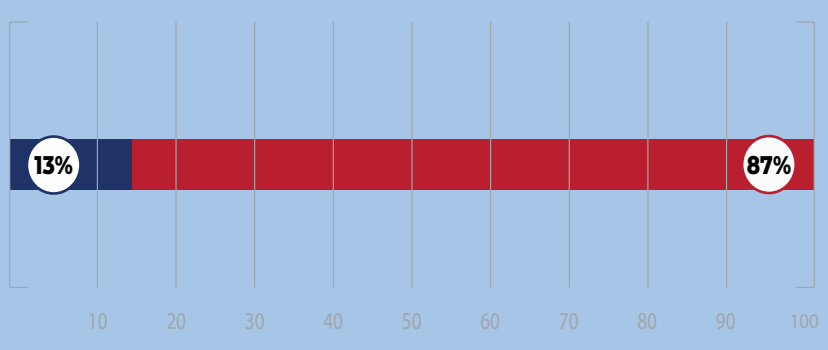


19 EUROPEAN/ EURASIAN ENERGY OPERATORS

76 OPERATOR PERSONNEL







FEEDBACK RECEIVED

"The training was very useful, especially the discussions and brain-storming sessions on the topics systematically organized by the cybersecurity consultants."

"We had the opportunity to compare our personal views with those of fellow participants from the operators from other countries."

"The proposed possible solutions to the given scenarios by the other participants were of great benefit and interest to our experts."

100% WANT TO ATTEND THE NEXT ONE

USAID FROM THE AMERICAN PEOPLE ENERGY BRIDGE

USEA United States Energy Association

UNITED STATES ENERGY ASSOCIATION
1300 Pennsylvania Avenue, NW • Washington • DC • 20004
+1 (202) 312-1230 | www.usea.org