



# GLOBAL-X



## MULTI-NATIONAL CHALLENGE



# \$750K AWARD

To encourage multi-disciplinary science and technology partnership in naval-relevant topics.

### 3 CHALLENGE TOPICS



#### TAILORED MATERIAL & MANUFACTURING

Material properties and manufacturing processes are custom-designed and optimized on demand for a specific application.



#### MULTIFUNCTIONAL MARITIME FILMS

Films prevent corrosion on conventional marine surfaces, resist extreme environmental conditions, may be shape-shifting, may provide an alternative power source or absorb energy, and may be configurable for a specific form factor.

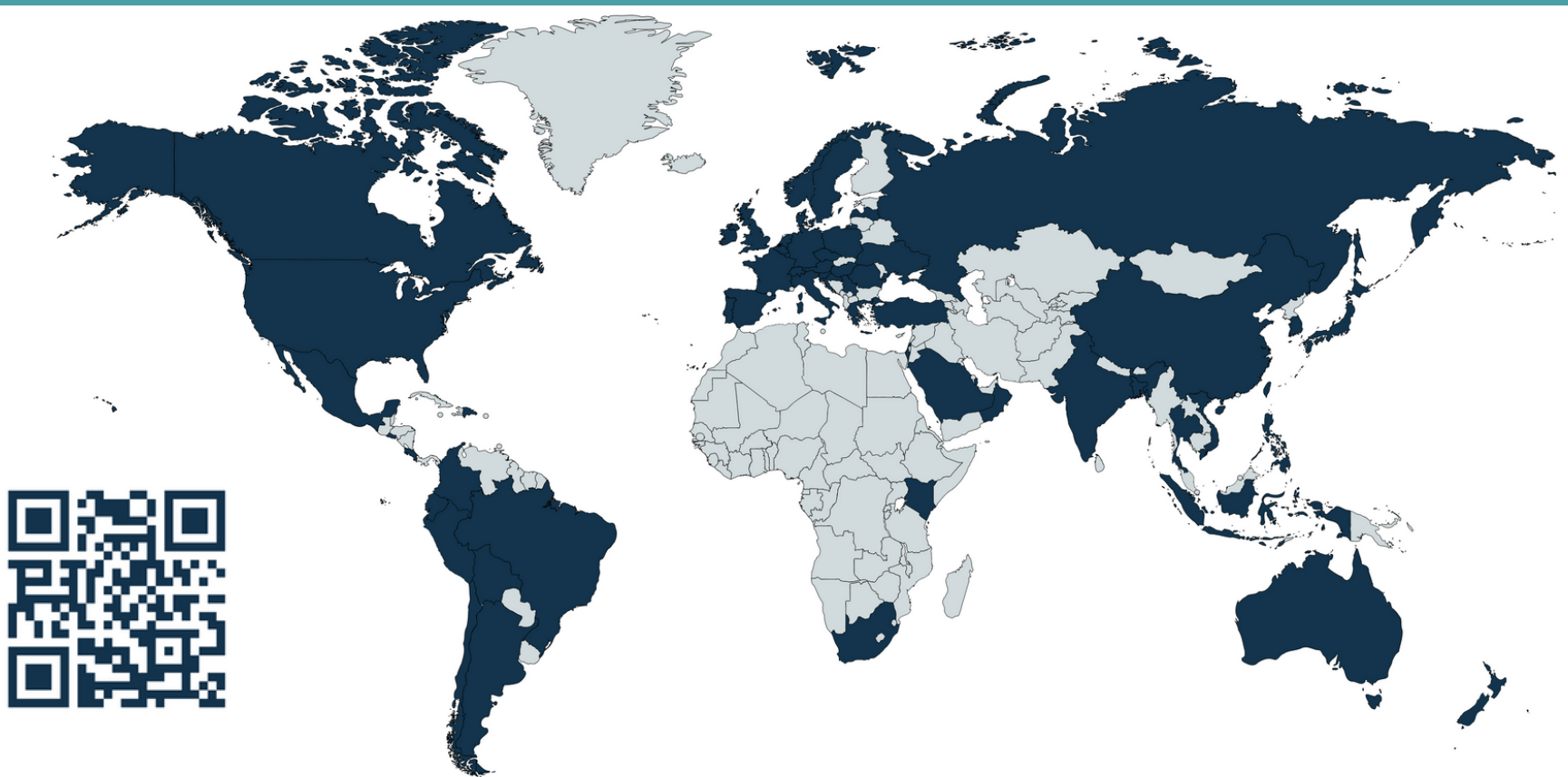


#### DETECTION & IDENTIFICATION IN ANY MEDIUM

Detect and identify objects of any material (ferrous, non-ferrous, polymeric, organic, biological, etc.) and scale that are moving or stationary, and may be immersed within any medium (air, water, sand/earth).

### GLOBAL-X IMPACT

ONR Global recognizes that international scientists and engineers conduct creative and novel research. This Global-X Challenge provides an opportunity for these international researchers to collaborate, generate revolutionary ideas and demonstrate that these ideas will succeed.



**Where ONR GLOBAL connected in 2019**

#### ONR Global MISSION

The U.S. Navy and Marine Corps global presence investing in trusted partnerships to discover and connect science and technology leaders.

