



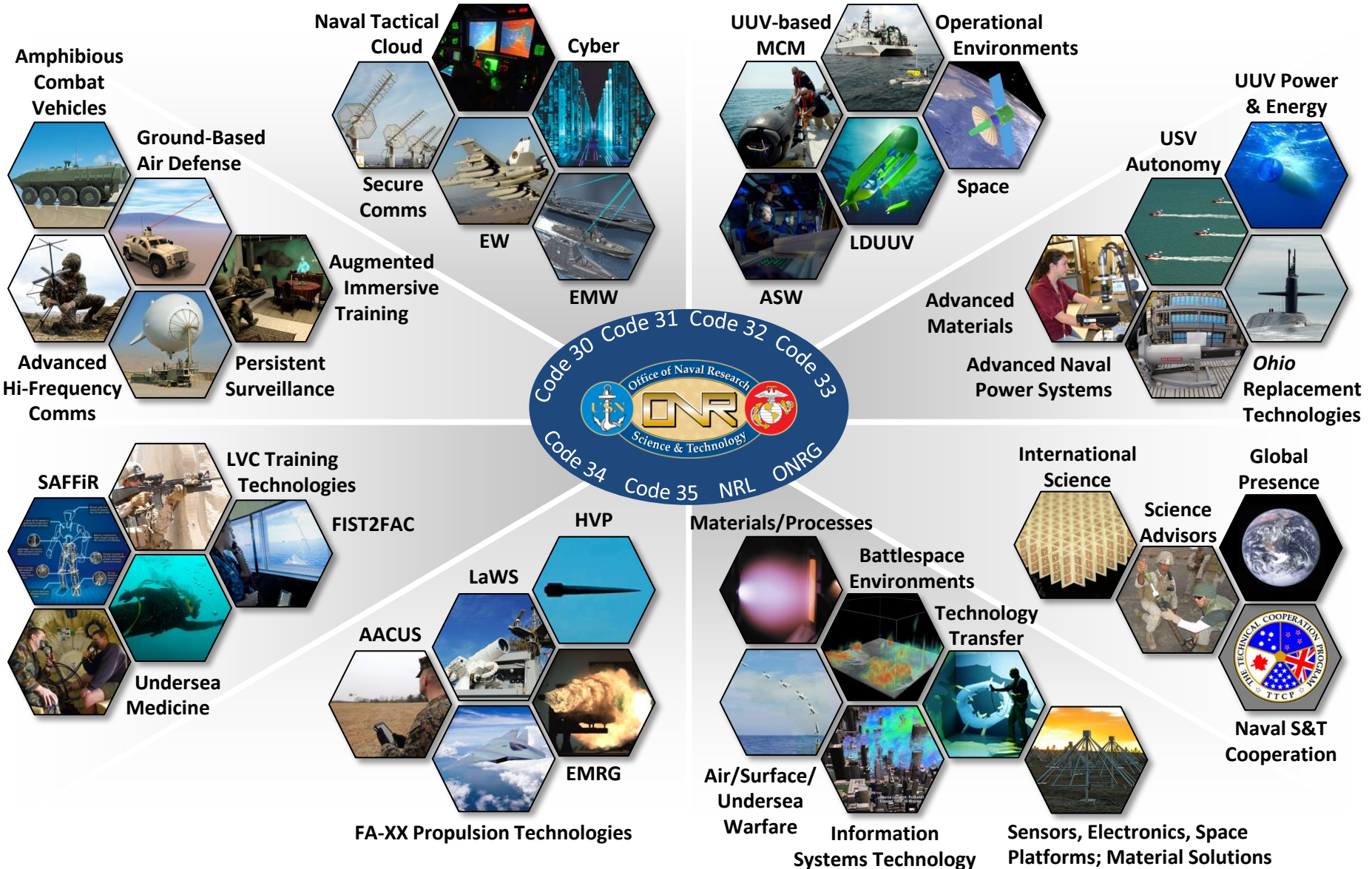
ONR Global

International Science Outreach Department for the US Office of Naval Research

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Delivering Science & Technology





ONR Global: Accelerating S&T Progress Through Partnerships

London ○ Prague ○ Tokyo ○
ONR HQ ○
Santiago ○ São Paulo ○ Singapore ○

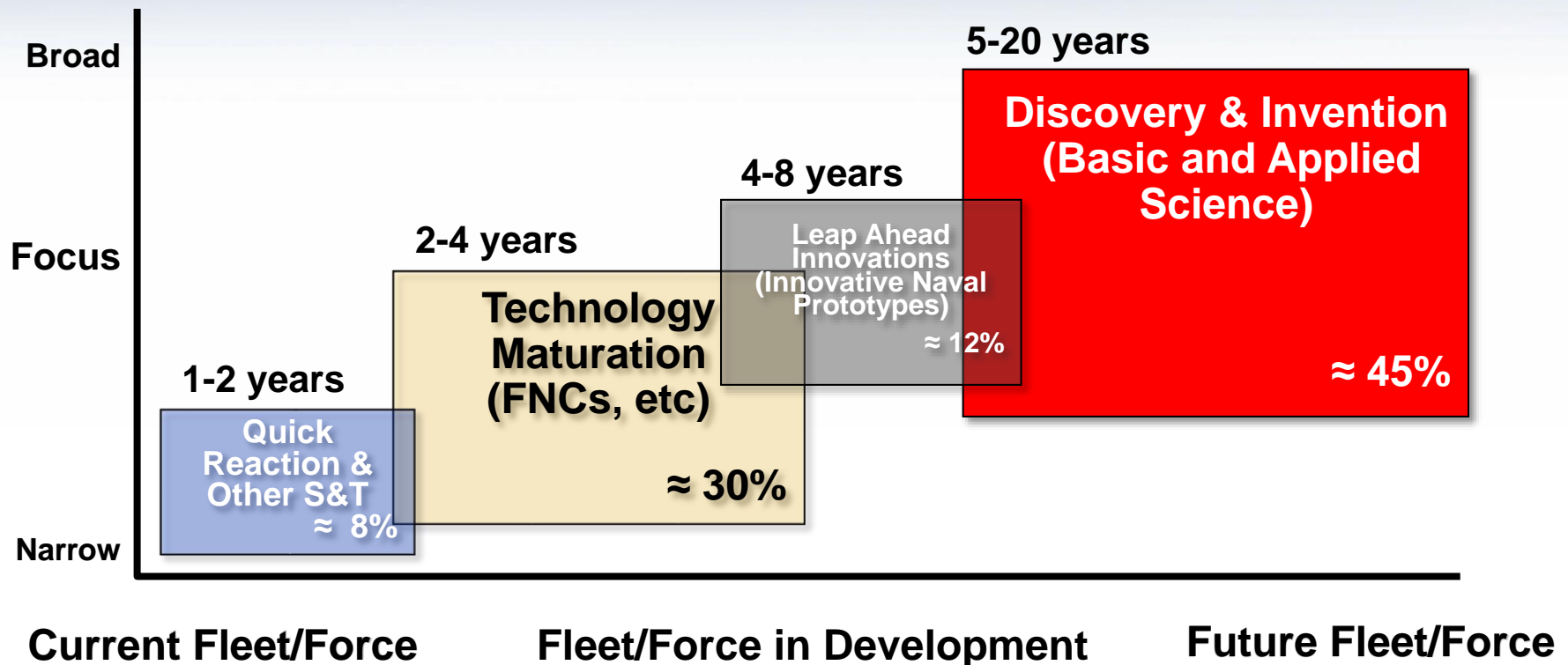
Government, Industry & Academia Basic Research to Advanced Technology World-Wide

○ Regional Engagement Offices (6)

Global Partnerships are the Cornerstone to Success



Warfighting Capabilities Enabled by S&T Investments



Naval S&T Objectives



Integrated & Distribution Forces

- Enhance dynamic, synchronized actions across forces
- Support collaboration spanning geography, domains, platforms and joint partners; leverage satellite and Precision Navigation and Timing Advances
- Increase flexibility and reach of the naval force through incorporation of autonomous and disaggregated systems



Augmented Warfighter

- Enhance decision-making speed and quality
- Improve human-machine interfaces and teaming
- Mitigate tactical-level risk to our people and command



Sensing and Sense Making

- Transform vast data into timely knowledge
- Enable persistent awareness and understanding, and optimized operation (regardless of the threat or operating environment)
- Integrate artificial intelligence into C4ISR networks scalable to theater wide
- Soldier Protection



Operational Endurance

- Enable maneuverability, efficiency and resiliency for sustained operations by warfighters, systems and platforms (regardless of the threat or operating environment)
- Improve platform-level energy storage/efficiency for propulsion and weapons systems
- Develop wide-area and force wide disinformation deception and decoys



Scalable Lethality

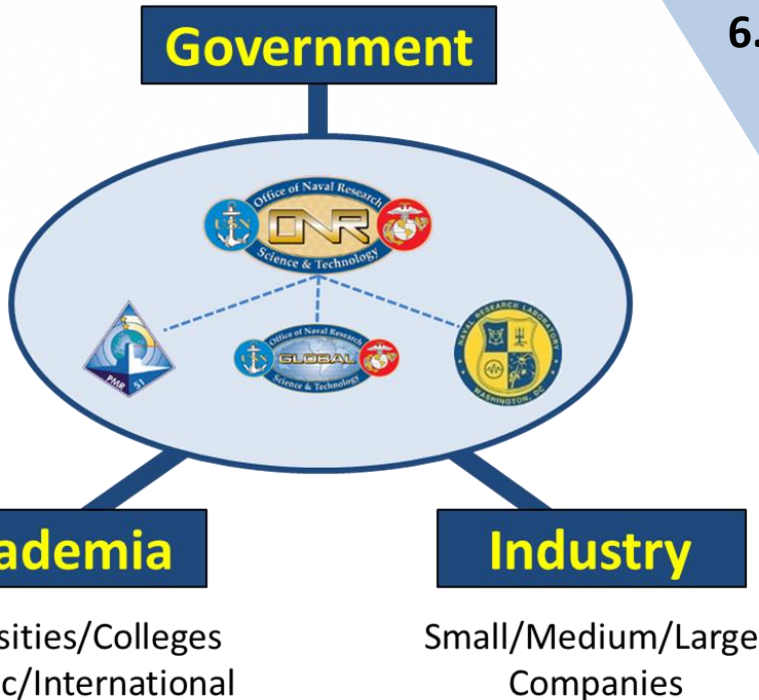
- Enable offensive and defensive actions that are multi-domain, integrated, cost-effective, and kinetic and non-kinetic
- Deliver directed energy and low cost, high probability of kill standoff strike



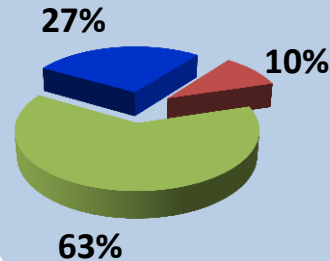
Partnering with the Best Performers

Key Criteria:

- Technical Quality
- Relevance / Responsiveness
- Cost & Affordability



6.1 Basic Research

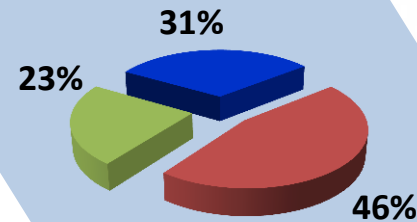


Navy Labs & Warfare Centers

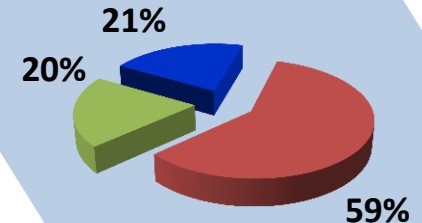
Universities and Nonprofits

Industry

6.2 Applied Research



6.3 Advanced Technology Development



Driving Innovation and Fostering Partnerships



ONR Global Objectives

Discover the Best Science and Technology Worldwide

- Identify and support innovative research that aligns with Naval needs
- Leverage complimentary research investments
- Link S&T push (disruptors) and pull (technology gaps) to the fleet

Maintain Global Technical Awareness

- Inform allocation of resources to prevent technological surprise
- Scout international technology for the Naval Research Enterprise
- Identify emerging high impact global technology trends

Science & Technology Partnerships and Collaborations

- Facilitate collaboration to accelerate S&T advancement
- Foster mutually beneficial S&T research
- Build capability and interoperability with international S&T partners



ONR Global Grants

ONR & ONR Global work together to **synergize international science activities and collaborations**

- ONRG funds ***non-US partners*** from academia, industry, and non-governmental organizations
 - **Cannot fund US individuals/organizations**
 - **Cannot fund foreign military/governmental entities**
- Grants are for *Basic Science* and *early phase Applied Science Research*
- All basic research funded by ONR Global is on the public domain (publications, presentations)



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ONR Global's International Science Program Grants

- **Collaborative Science Program (CSP):** Workshop grants - Support non-US workshops and conferences of Naval interest (e.g., MESA conf.)
- **Visiting Scientist Program (VSP):** Travel grants - Support travel of non-US scientists to US to socialize new S&T ideas or findings with the Naval Research Enterprise (ONR HQ, Naval Research Labs (NRL), etc.)
- **Naval International Cooperative Opportunities in Science Program (NICOP):** Research Grants - Support insertion of innovative, international science and technology into core Navy & DoD S&T Programs



Seedling Funding for Innovative Research

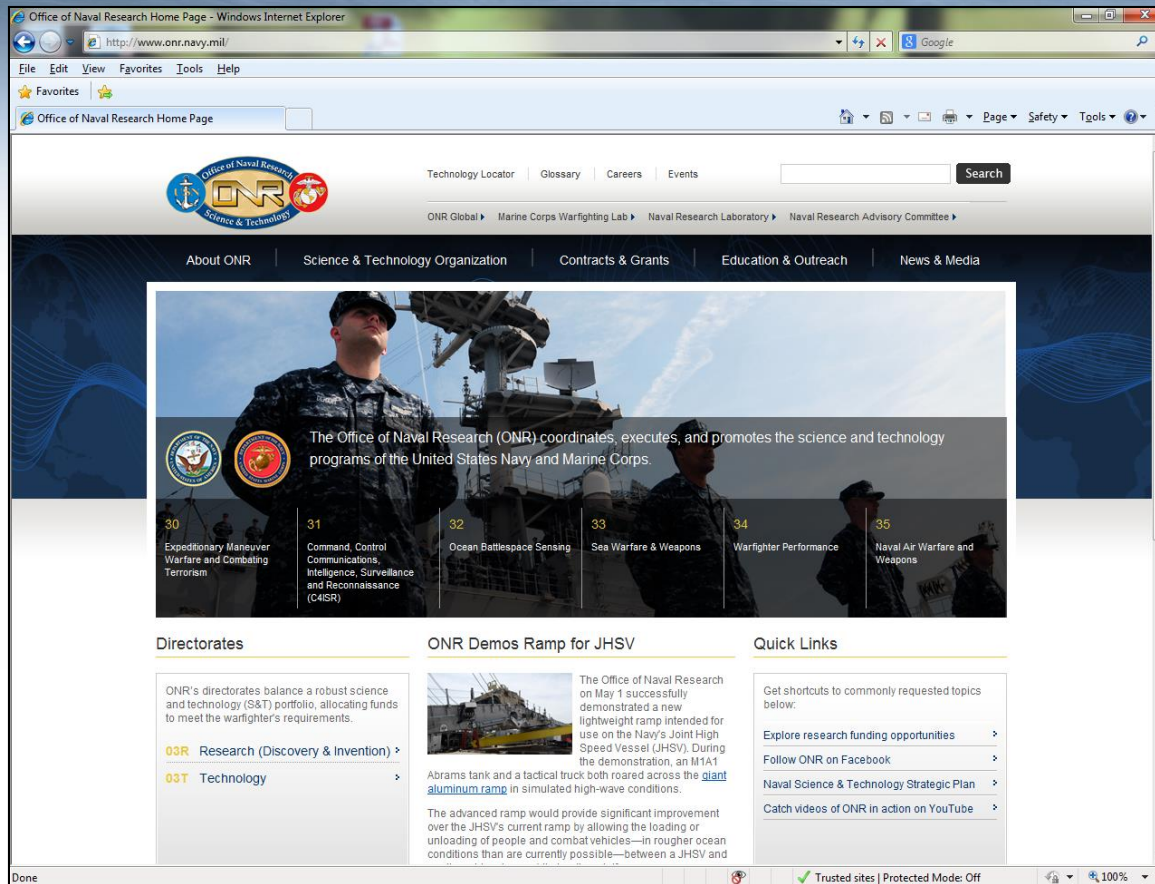


How to Apply for Grants

1. YOU write a 3-5 page proposal
 - A. Sections: Problem description; proposed solution; total budget; schedule; deliverables.
 - B. Imperfect+soon > perfect+late: I am going to tell you to change it anyway; I show to HQ only when you say you are ready.
 - C. Email to me: Stephen.D.OREgan.civ@mail.mil
2. HQ review with three possible assessments on whether to invite a full proposal
 - A. No (not original, not of current interest, not realistic, too evolutionary, ...)
 - B. Conditional (we specify changes & iterate)
 - C. Yes!
3. YOU write a full proposal
 - A. Download Broad Agency Announcement from ONR Global website
 - B. Register with SAM & www.grants.gov (you will need your organization's DUNS and NCAGE codes)
 - C. I will send you guidelines for the budget and a legal form to fill, sign, and send back to me
 - D. Send ME your proposal to review
 - E. Submit your proposal to grants.gov



Where to Find Us Online



www.onr.navy.mil

www.onr.navy.mil/global

<https://cz.usembassy.gov/embassy-consulates/government-agencies/office-of-naval-research/>