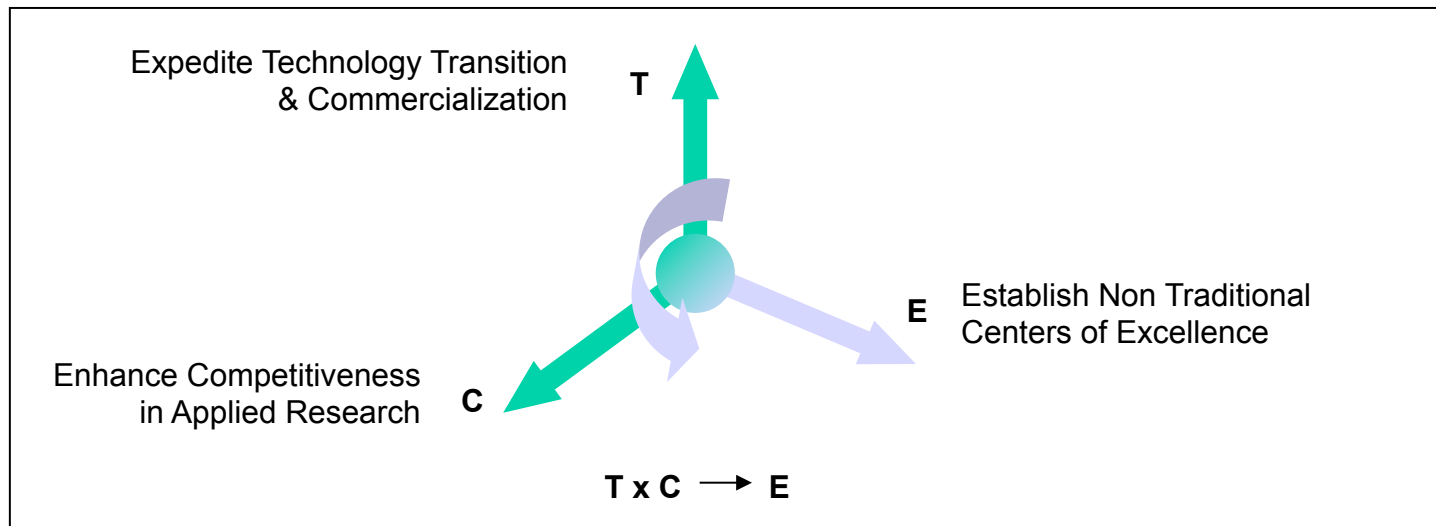


# **About: Coalition for Applied Research**

# Coalition for Applied Research

The Coalition for Applied Research (CAR) is a non profit business partnership among seven categories of member entities including: Emerging Research Institutions (ERI), Tier-1 Research Institutions (T1RI), University Affiliated Research Centers (UARC), Small Business, Tier-1 Industry Suppliers (T1S), Major Industry Prime Contractors (MIPC), and Other Applied Research organizations that share a common commitment to three simultaneous goals:

- (1) To expedite the transition of new scientific discovery and invention to mission deployment and other commercial applications;
- (2) To enhance the applied research competitiveness of its members in support of the United States Government;
- (3) To Establish Non Traditional Centers of Excellence in emerging advanced technology disciplines at member institutions.



## **CAR Memberships & Benefits**

**Emerging Research Institutions (ERI)** – Universities and other academic institutions that are accredited to grant undergraduate and graduate degrees in Science, Technology, Engineering and Mathematics (STEM), but are yet to develop and grow significant applied research business activities. **Benefit:** Opportunities to develop and grow applied research business activities and to host non traditional centers of excellence; Increased Federal funding for the institution.

**Tier-1 Research Institutions (T1RI)** - Universities and other academic institutions that are accredited to grant undergraduate and graduate degrees in Science, Technology, Engineering and Mathematics (STEM), and have also developed significant applied research business activities. **Benefit:** Opportunities to transition new discovery and invention to mission deployment and commercial applications; Increased Federal and Commercial revenues.

**University Affiliated Research Centers (UARC)** – Government sponsored research centers affiliated with major Universities. **Benefit:** Opportunities to transition new discovery and invention to mission deployment and commercial applications; Increased revenues.

**Small Business** – Including SBIR/STTR companies, Disadvantaged Small Business (DSB) and Women Owned Small Business (WOSB). **Benefit:** Opportunities to grow applied research business; Increased revenues.

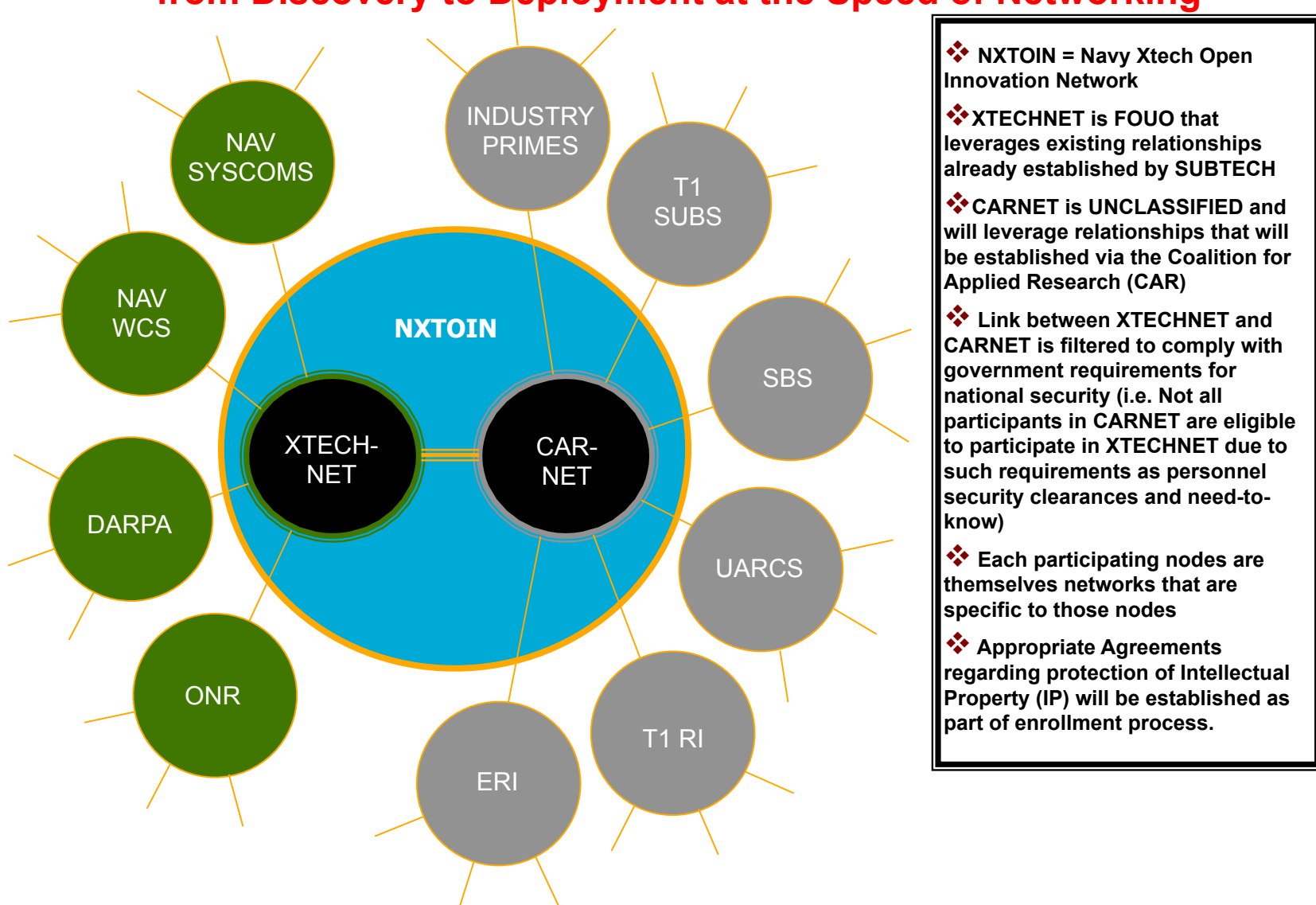
**Tier-1 Industry Suppliers (T1S)** – Suppliers of subsystems and systems engineering services to major industry prime contractors. **Benefit:** Access to new technologies and workforce.

**Major Industry Prime Contractors (MIPC)** – Fortune 500 developers and builders of major systems and subsystems for mission applications. **Benefit:** Access to new technologies and workforce; Risk reduction.

**Other Applied Research Organizations** – Federally Funded R&D Centers and other Non Profit Research and Development Corporations. **Benefit:** Increased Business Opportunities.

# CAR is an Open Innovation Network

- from Discovery to Deployment at the Speed of Networking



# Purpose & Mission

## Purpose:

To constitute an entity by means of which emerging research institutions and other applied research organizations may cooperate with one another, with the government of the United States, and with other organizations toward the transition of new scientific discovery and invention to operational deployment and commercialization;

To provide a framework for collaboration that will enhance the competitiveness of its members in winning and executing applied research contracts awarded by agencies of the United States government; and

To acquire, plan, construct, and operate laboratories and other facilities to establish non traditional centers of excellence in emerging advanced technology disciplines at emerging research institutions;

## Mission:

CAR's mission is to accelerate the transition of new scientific discovery and invention to useful applications; to enhance the competitiveness of its membership in applied research business; and to develop and operate premier facilities and programs by involving emerging research institutions, the private sector, and government agencies. We will accomplish this mission by providing a collaborative membership organization where emerging research institutions and other applied research organizations may cooperate effectively with each other, with the United States government, and other entities to transition advanced technologies from the laboratory to the respective fields of applications.

# Organization & Leadership

## Governing Board

The corporate authority of CAR will be vested in its member organizations through the CAR governing board, comprised of a representative from each member organization. The Governing Board is responsible for setting corporate policy and maintaining leadership interface with CAR's sponsoring agencies.

## Annual Meetings

The Board will meet annually to review the progress of the Coalition, provide policy guidance to CAR's Officers, and elect members to the Board. Various committees will be established by the Governing Board, which will hold meetings more frequently than once a year.

## Officers

CAR officers will be appointed by the Governing Board, and will be responsible for the day to day operations of the Coalition.

## Applied Research Panels

Each program or project of CAR will be overseen by an independent Applied Research Panel that will serve, in effect, as a scientific board of directors. Applied Research Panels will provide guidance in the discipline areas for which they are responsible. Members will be scientists and program managers appointed to three-year terms by the Governing Board on the basis of their expertise and their standing within the science and technology community. Applied Research Panels will serve as touchstones for the scientific merit of CAR's programs and projects, determining whether they are conducted with appropriate rigor, contribute to their respective bodies of knowledge and serve their scientific communities, and meet the needs of our government and other customers.

# Sponsors

## Founding Sponsor

The concept for CAR was developed in response to the needs of the United States Naval Systems Command (NAVSEA), with regards to: (1) Expediting the transition of new scientific discovery and invention to fleet deployment and other commercial applications; (2) Development of a framework for the establishment of non traditional centers of excellence in emerging technology disciplines at emerging research institutions. Sponsorship for this effort was provided to the American Heritage Defense Corporation via a subcontract with EG&G Inc.

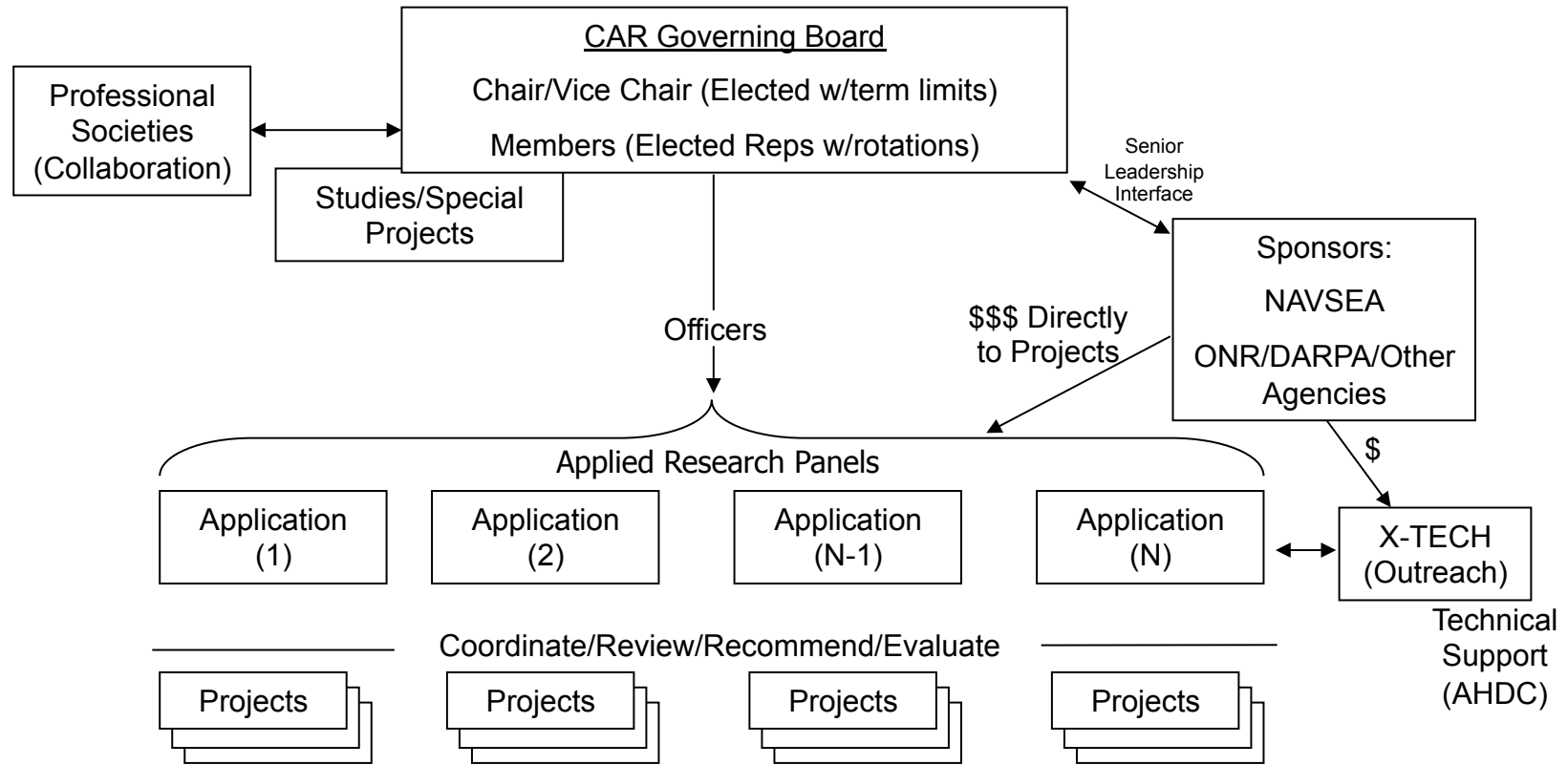
## Developmental Sponsors

By working closely with the NAVSEA Undersea Enterprise Technology Program Office (SUBTECH), CAR will leverage its funding by engaging collaborations among its members to offer end-to-end technical solutions to the United States Navy as a whole, via contracts, subcontracts and grants from the Office of Naval Research (ONR), Defense Advanced Research Projects Agency (DARPA), Naval Warfare Centers, as well as other Navy Program Executive Offices.

## Future Sponsors

CAR intends to expand its sponsorship base to cover all agencies of the Federal Government that are involved in the applied Research, Development, Test and Evaluation of mission-directed advanced technologies.

# Organization & Leadership Schematic



Applications aligned with Navy S&T Priorities: Power & Energy; Operational Environments; Maritime Domain Awareness; Asymmetric & Irregular Warfare; Information, Analysis & Communication; Power Projection; Assure Access & Hold at Risk; Distributed Operations; Naval Warrior Performance & Protection; Survivability & Self Defense; Platform (EPE) Mobility; Fleet/Force Sustainment; Affordability, Maintainability & Reliability



# **Business Operations**

## **Access to Funding**

**CAR will identify funded applied research opportunities and disseminate invitations to its members to participate in a variety of committees and working groups that will be established as necessary by the applied research panels. CAR members will be provided access to these opportunities through participation in partnerships developed by CAR among its members to meet the needs of the U.S. government and other sponsors. These opportunity notices will range from specific technical areas to opportunities for large programs and missions.**

## **ERI Collaborations**

**CAR will work as a member of research teams with member ERI in both lead and supporting roles, depending upon the program or project being staffed. Some ERI have technical abilities, but lack all of the necessary resources to pursue large applied research programs in a competitive environment. CAR membership will provide ERI with opportunities to participate in funded applied research projects that they might not otherwise be able to pursue.**

## **Centers of Excellence**

**CAR will seek out opportunities to acquire, plan, construct, and operate laboratories and other facilities to establish non traditional centers of excellence in emerging advanced technology disciplines at emerging research institutions.**

## **Networking**

**CAR will also work with Federal Agencies to organize, coordinate, and facilitate scientific and technical workshops, conferences, seminars, and colloquia in order to distribute new knowledge and information to the scientific community, private industry, and government and other agencies.**

## **Actionable Steps**

- Briefings to founding sponsor – fine-tune pitch (Aug 2009)
- Briefings to prospective members – obtain letters of intent (Sep/Oct 2009)
- Organize and hold inaugural summit of founding members – date/time/place tbd. (~ Dec 2009)
- Develop charter and operating procedures to be ratified by founding members (~ Jan 2009)
- Elect Governing Board (~ Feb 2010)
- Develop Business Plan (~ Mar 2010)
- Secure Funding (PE3) (via Contracts/Subcontracts)
  - Planning
  - Execution
  - Evaluation
  - Expansion
- Appoint Officers and Staff (~ Apr 2010)
- Appoint Applied Research Panels (~ May 2010)
- Launch Operations (Start 1<sup>st</sup> Project ~ Oct 2010)

## **Become a Member/Sponsor**

For Membership/Sponsorship Inquiries, Please Contact:

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