

Medical Technology Enterprise Consortium



## **Advancing Medical Innovation**

# MTEC: A Model for Transforming Military Medicine through a Military-Civilian Partnerships

Chris Steele, PhD, MTEC Chief of Strategy

# So...What is happening in U.S. R&D ‘lately’?

## Restructuring of some R&D Programs and Priorities...

- Current dynamics are not all that different when new administrations push DoD to change
- Budget impacts [CDMRP Grants] of “doing less better” (59% reduction in grant funding-across many topics in that program, historically \$1.4Bn/yr)
- NIH big impacts....probably has not been impacted in this way, but DoD R&D is often accustomed to large programmatic shifts

## Streamlining of Government Workforce

- Impacts of intramural organizations (DoD laboratories as partners)
- Impacts on extramural funding managers (DoD, BARDA, VA, NIH, NSF, etc). – Platelet Meeting cancelled for 2025...

## Ongoing Optimization/Improvement

- Much (but **NOT all**) of DoD Medical R&D has been moved into the Defense Health Agency

## NEWS RELEASE

### Department of Defense Defense Health Agency Research and Development-Medical Research and Development Command Congressionally Directed Medical Research Programs

*Release Updated: April 7, 2025*

## CDMRP Announces Research Funding for Fiscal Year 2025

FORT DETRICK, Md. - On March 15, 2025, the President signed into law the "Full-Year Continuing Appropriations and Extensions Act of 2025," which includes \$650M in funding for the Congressionally Directed Medical Research Programs.

Congress provided further direction for CDMRP program-level funding to the Secretary of Defense in Project Level Adjustment Tables to Accompany Division A, Title IV, Department of Defense, H.R. 1968, Full-Year Continuing Appropriations and Extensions Act.

The FY25 funded programs are as follows:

- **Alzheimer's** Research Program - \$15.0 million
- **Amyotrophic Lateral Sclerosis** Research Program - \$40.0 million
- **Breast Cancer** Research Program - \$130.0 million
- **Duchenne Muscular Dystrophy** Research Program - \$12.5 million
- **Melanoma** Research Program - \$40.0 million
- **Military Burn** Research Program - \$10.0 million
- **Ovarian Cancer** Research Program - \$15.0 million
- **Peer Reviewed Cancer Research Program** (22 topics) - \$130.0 million
- **Peer Reviewed Medical Research Program** (56 topics) - \$150.0 million
- **Prostate Cancer** Research Program - \$75 million
- **Rare Cancers** Research Program - \$17.5 million
- **Toxic Exposures** Research Program - \$15.0 million

# MTEC Drives Health Innovation



MTEC is an efficient public-private partnership between the government & medical technology providers to advance prototypes and improve readiness and health of the military and civilians

**\$1.27 B**

Government medical  
R&D funding



**\$975 M**

External funding, validating dual use,  
and creating DoD leverage

MTEC's Other Transaction Agreement,  
built in partnership with the DHA and MRDC,  
allows for a flexible, collaborative acquisition model  
to accelerate the delivery of critical medical technologies.

# What is an OTA?

- The Other Transaction Authority (OTA) is an alternative contracting methodology established by Congress
- Enables Government interactions with industry and academia in a less regulated manner: developed for emerging tech/non-traditional players,
- Other Transactions (OTs) are generally defined by what they are not → not standard procurement contracts, grants, or cooperative agreements
- OTs are generally not subject to the federal laws/regulations that apply to standard government procurement contracts (e.g., FAR/DFARS)

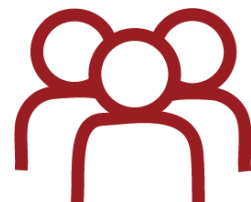
Through active outreach, consistent info flow, and teaming support, it levels the playing field with greater emerging technology engagement

# Our Impact



**1.27B**

FEDERAL  
FUNDING



**732**

MTEC  
MEMBERS



**975M**

FOLLOW-ON  
FUNDING



**358**

PROJECTS  
AWARDED



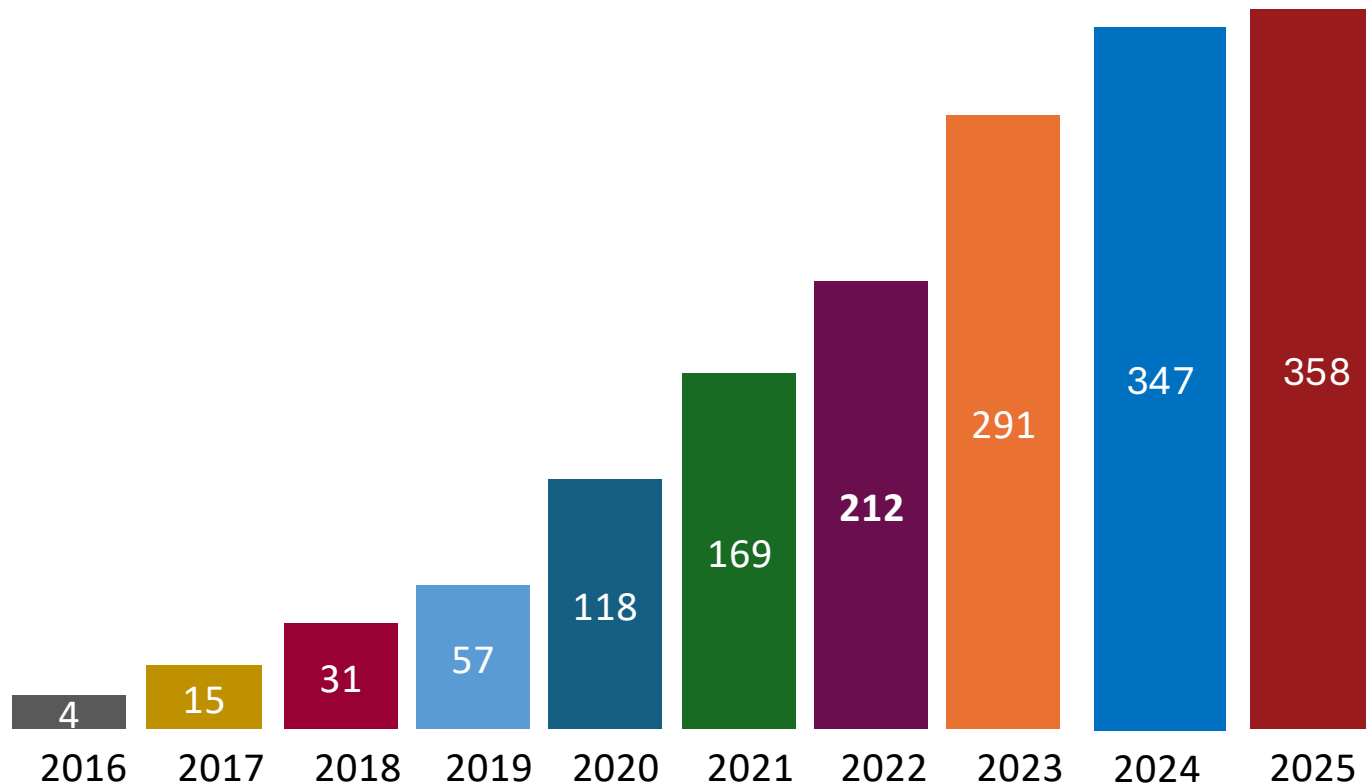
**141**

PRODUCTS IN  
PIPELINE

# MTEC Awards



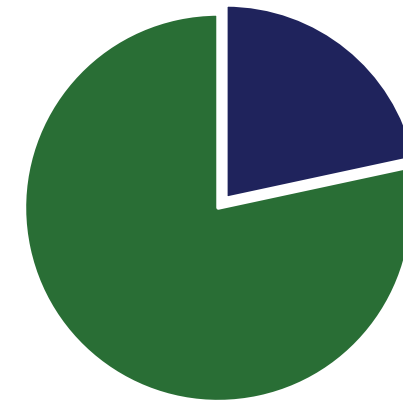
## Number of Awards



<https://www.mtec-sc.org/solicitations/#Project-Awards>

## Non-traditional Awardees

22% of awardees are **traditional** military contractors with proven track records of excellence and reliability



78% of awardees are **non-traditional** defense contractors bringing forth new, innovative technologies

\*92 awards to Higher Education

# Who We Work With



Military Medicine &  
Federal Agencies



Find the most innovative solutions to your agency's most pressing medical issues.

Innovators &  
Service Providers



Get access to the funding, expertise, and resources you need to develop and deliver your technologies.

Investors



Explore growth stage medical technology companies at the forefront of innovation.



# Membership



Membership includes small and large businesses, academic institutions, and a team of subject matter experts across 19 countries. We're also building a larger ecosystem that includes thousands of private investors and government collaborators!



**523** SMALL BUSINESSES

**111** ACADEMIA

**43** NONPROFIT

**11** MULTI MEMBER

**44** LARGE BUSINESSES

55 MTEC Members are Service Providers (M-Corps)

# Benefits to Innovators of MTEC Membership

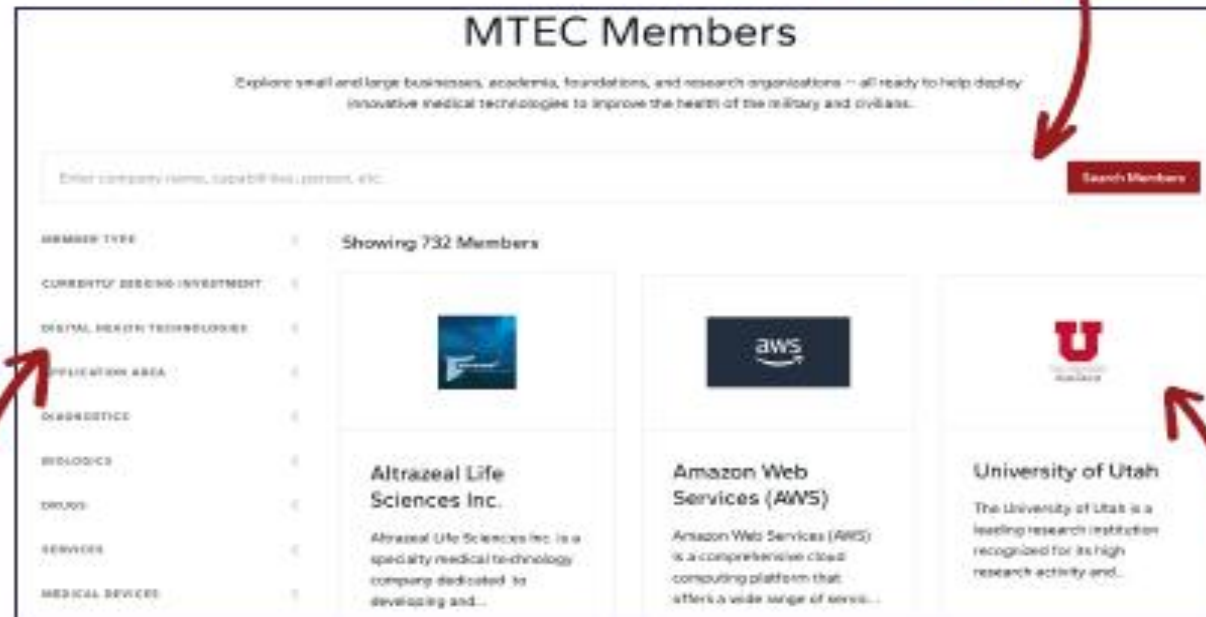


- ✓ Access to both non-dilutive government funding and private investment
- ✓ Ability to build strategic relationships with private investors and secure the funding needed to accelerate your path to commercialization.
- ✓ Guidance from business, legal, accounting, and other subject matter experts that can help you bring your products and services to market
- ✓ Expanded networking and partnership opportunities with federal agencies, researchers, industry leaders, and private investors
- ✓ Access to education & mentorship. Stay ahead with MTEC's webinars, newsletters, and events and learn from industry leaders




# Member Profiles for Collaboration

The MTEC website is a living resource, designed to evolve with our membership. We will introduce new tools, smarter features, and expand content as we grow. The Members database below is just one of many new resources in 2025.

Push the boundaries of our search capability and see what you can discover!



The screenshot displays the 'MTEC Members' database interface. At the top, it says 'Explore small and large businesses, academia, foundations, and research organizations - all ready to help deploy innovative medical technologies to improve the health of the military and civilians.' Below this is a search bar with the placeholder text 'Enter company name, topic or field, content, etc.' and a red 'Search Members' button. A red arrow points from the text 'Push the boundaries of our search capability and see what you can discover!' to the search bar. On the left side, there is a vertical list of filter categories: MEMBER TYPE, CURRENT/ PENDING INVESTMENT, DIGITAL HEALTH TECHNOLOGIES, APPLICATION AREA, DIAGNOSTICS, BIOLOGICS, DRUGS, SERVICES, and MEDICAL SERVICES. A red arrow points from the text 'Filter your results to narrow down exactly what you're looking for.' to this list. The main content area shows 'Showing 732 Members' and three member profiles. Each profile includes a logo, the organization's name, and a brief description. The profiles shown are Altrazeeal Life Sciences Inc., Amazon Web Services (AWS), and the University of Utah. A red arrow points from the text 'Each profile shows an organization description, research and products, key personnel, projects funded through MTEC, recent news, and much more.' to the University of Utah profile.

MEMBER TYPE	CURRENT/ PENDING INVESTMENT	DIGITAL HEALTH TECHNOLOGIES	APPLICATION AREA	DIAGNOSTICS	BIOLOGICS	DRUGS	SERVICES	MEDICAL SERVICES
Showing 732 Members								
<div> <b>Altrazeeal Life Sciences Inc.</b> Altrazeeal Life Sciences Inc. is a specialty medical technology company dedicated to developing and...</div> <div> <b>Amazon Web Services (AWS)</b> Amazon Web Services (AWS) is a comprehensive cloud computing platform that offers a wide range of services...</div> <div> <b>University of Utah</b> The University of Utah is a leading research institution recognized for its high research activity and...</div>								

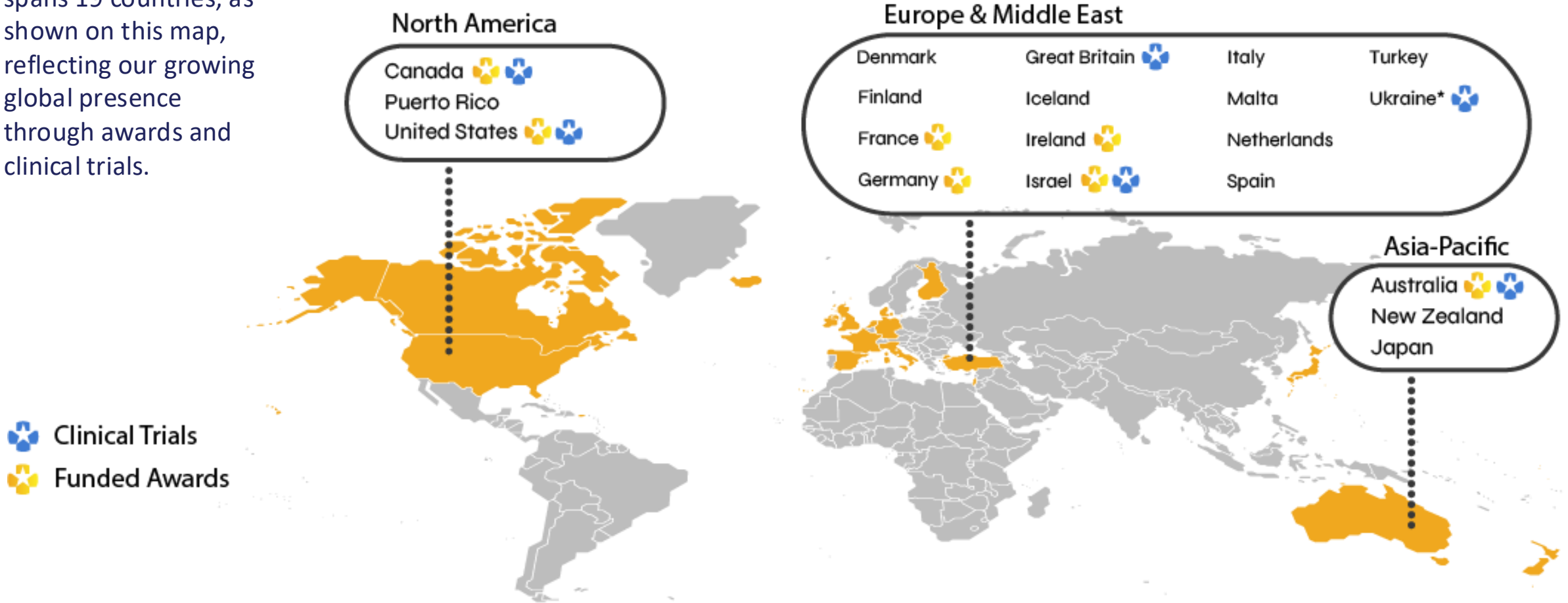
Filter your results to narrow down exactly what you're looking for.

Each profile shows an organization description, research and products, key personnel, projects funded through MTEC, recent news, and much more.

# Global Reach



MTEC's membership spans 19 countries, as shown on this map, reflecting our growing global presence through awards and clinical trials.



# Broad Technology Solutions



## Military Infectious Diseases



Viral Diseases  
Bacterial Diseases  
Parasitic Diseases

## Combat Casualty Care



Brain Trauma, Blast and  
Burn  
Loss of Limbs, Tissue,  
Senses  
Hemorrhage

## Military Operational Medicine



Physical & Cognitive  
Performance  
Musculoskeletal Injuries  
Mental Health

## Medical info Systems, Training & Simulation



Telecritical Care Network  
Remote Medical  
Capabilities  
Medical Training and  
Education

## Clinical & Rehabilitative Medicine



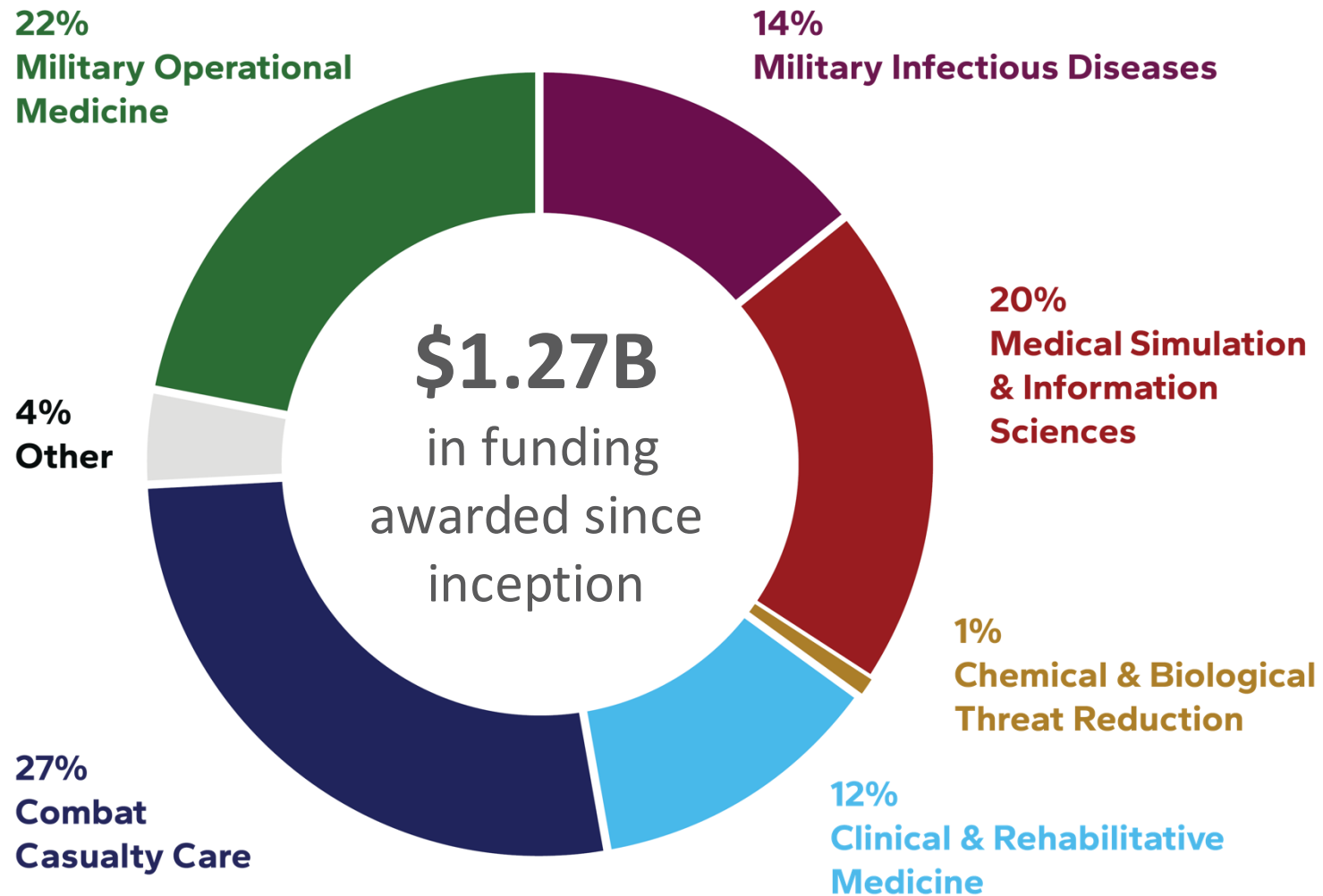
Neuromusculoskeletal  
Injury  
Pain Management  
Regenerative Medicine  
Sensory Systems  
Traumatic Injury

## Chemical & Biological Threats



Predicting and countering  
lethal exposures  
Limiting the spread of  
infectious agents

# Funding By Focus Area





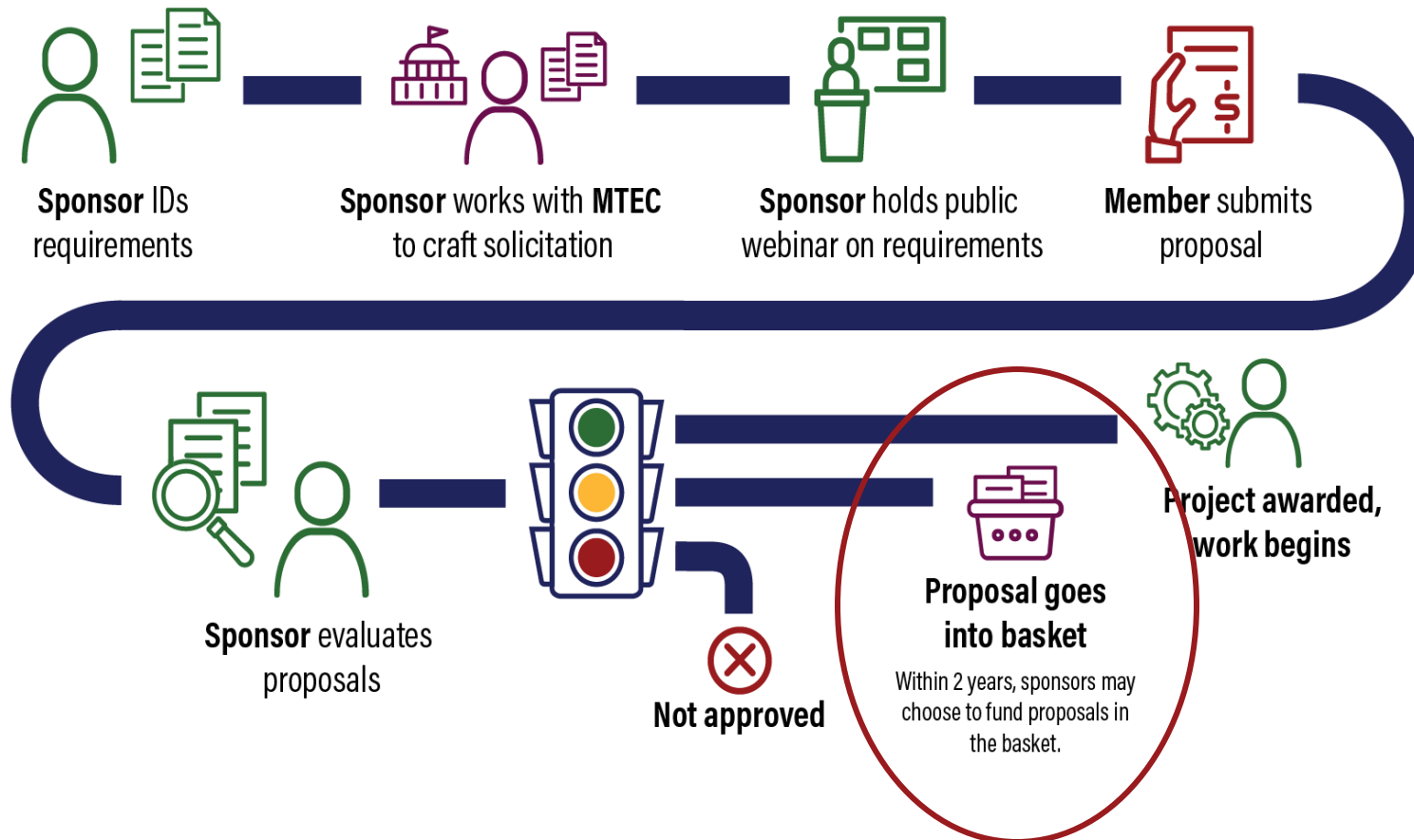
# Diversification of DoD Sponsors



# Rapid Acquisition of New Technology



Solicitations for R&D projects are issued by MTEC through a competitive process resulting in project awards. Follow-on work can be added to a current Performer non-competitively.



MTEC fosters open communication with the Government and collaboration among MTEC members to build more complete and targeted proposals

>60% of MTEC proposals are rated as “acceptable” for funding by Government evaluators



# MTEC is a successful model of a prototype Other Transaction (OT) Consortium



**RAPID** PROTOTYPING  
OF SOLUTIONS

**57 PRODUCTS** IN HUMAN  
STUDIES OR FIELDED



**ACCESS** TO INNOVATIVE,  
NONTRADITIONAL INDUSTRY

**>90%** MTEC MEMBERSHIP  
ARE NONTRADITIONALS



**DIRECT COLLABORATION** BETWEEN DoD  
& MEMBERS

**85%** AWARDS ARE TEAMED  
**80%** HAVE WORKING PROTOTYPES



**FASTER** CONTRACTING SPEED  
W/ FLEXIBLE TIMING

**45 DAYS** FASTEST TO AWARD  
**2 YEAR** PROPOSAL BASKET  
(ASSISTS UNPREDICTABLE FUNDING)



**EXPANSION** OF COMMERCIAL MARKET  
INTO DoD

**141 PRODUCTS** IN PIPELINE AVAILABLE  
WITH  
MILITARY-RELEVANT USE

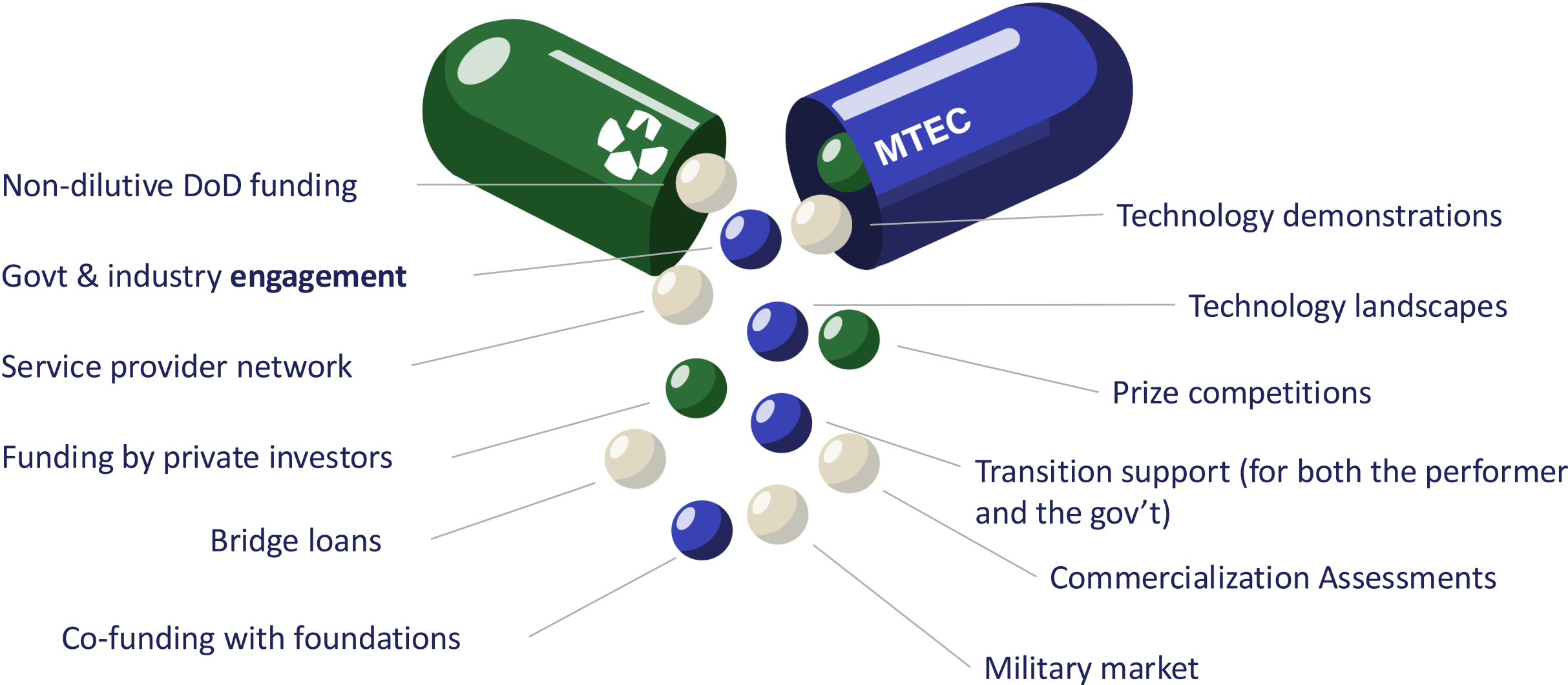


**ACCESS** TO GOVT &  
INDUSTRY NETWORKS

**53%** MTEC AWARDS SECURE  
FOLLOW-ON FUNDING

# MTEC Offerings

Funding, knowledge exchange, innovation, and medical technology development in support of military needs



# Questions?

Chris Steele, PhD,  
MTEC Chief of Strategy  
[chris.steele@mtec-sc.org](mailto:chris.steele@mtec-sc.org)

[mtec-sc.org](https://mtec-sc.org)



Scan to  
Connect on  
social media