

Special Competitive Studies Project



SPECIAL
COMPETITIVE
STUDIES
PROJECT

What We Do. Make recommendations to strengthen America's long-term competitiveness as artificial intelligence (AI) and other emerging technologies reshape our national security, economy, and society.

Origin Story

- The **National Security Commission on Artificial Intelligence** started the journey with a strategy for winning the AI era. SCSP expands the technologies beyond AI and the scope of concern beyond national security.
- The **Rockefeller Special Studies Report** inspired our action. Henry Kissinger suggested we model SCSP on an effort he led in the 1950s to tackle the hardest Cold War and domestic challenges and build a new national consensus.

We are non-profit, non-partisan, national security focused.

OUR TEAMS

Foreign Policy
Intelligence
Defense
Economy
Governance
Platforms
Fusion
Talent

Leadership

Dr. Eric Schmidt, Chair
Ylli Bajraktari, CEO

Board of Advisors

Robert O. Work
Michele Flournoy
Nadia Schadlow
William "Mac" Thornberry





Commission on the Scaling of Fusion Energy

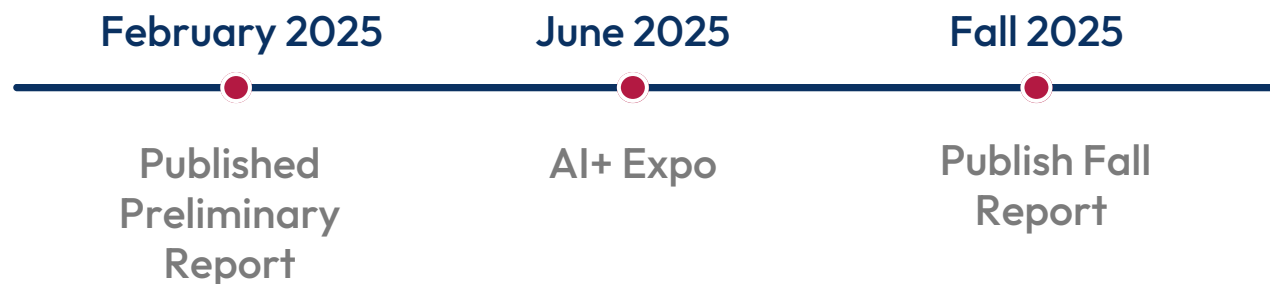
Mission

Ensure the United States, together with our allies and partners, wins the fusion race and lays the groundwork for large-scale domestic power generation from fusion within a decade.

Objectives

- Align U.S. government initiatives to maximize support for fusion technology.
- Develop a regulatory framework to support rapid and efficient fusion energy deployment.
- Position the U.S. and allies for the rollout of fusion energy solutions.

Deliverables



Senator Jim Risch (R-ID)
Co-Chair



Senator Maria Cantwell (D-WA)
Co-Chair



Ylli Bajraktari, SCSP
Co-Chair



Manu Asthana
PJM Interconnection



Dr. Kimberly Budil
Lawrence Livermore
National Laboratory



Dr. Steven Cowley
Princeton Plasma Physics
Laboratory



The Honorable Paul Dabbar
U.S. Deputy Secretary of
Commerce



Dr. David Kirtley
Helion Energy



Michael Kuiken
Hoover Institution



The Honorable Mark Menezes
United States
Energy Association



Dr. Bob Mumgaard
Commonwealth Fusion
Systems



Luke Murry
Marvell Technology



Dr. Rachel Slaybaugh
DCVC

Fusion Power: Enabling 21st Century American Dominance



The United States should establish an explicit **National Fusion Goal of starting construction on the world's first commercial fusion power plant this decade**. Achieving this goal would solidify the United States as the world's leader in fusion energy, and catalyze a thriving and ultimately self-sustaining commercial fusion industry.

THREE PILLARS

1 Declare Fusion Energy a National Security Priority

The Federal Government should, in upcoming national security strategy and policy formulation, officially recognize fusion energy as a critical technology essential to national security and energy dominance, and launch a 90-day action plan to organize the nation to achieve the National Fusion Goal.

2 Establish Leadership and Drive Commercialization

A dedicated "Fusion Lead" should be appointed within the Department of Energy and empowered with the authorities and budget to develop policy options on supply chains, public-private partnerships, and regulations, and oversee implementation plans for building key R&D facilities.

3 Invest Strategically to Win the Fusion Race

To catalyze a thriving domestic ecosystem and accelerate innovation, the United States should make a one-time investment of \$10 billion in infrastructure, commercialization-focused R&D, and cost-share programs, while continuing to invest in the next generation of fusion science.



Contact Us

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