



Air Force Research Laboratory



Integrity ★ Service ★ Excellence

INTERNATIONAL SYMPOSIUM FOR PERSONAL AND COMMERCIAL SPACE TRAVEL

20 Oct 2011

**Casey DeRaad
Technology Outreach**

**Directed Energy & Space
Vehicles Directorates**

Air Force Research Laboratory



Vision and Mission

AFRL/Space Vehicles Directorate



DIRECTOR
Col William Cooley

Our Vision

*Lead the Nation in **Space Supremacy** Research and Development*

Our Mission

Develop and transition innovative high payoff space technologies supporting the warfighter while leveraging commercial, civil and other government space capabilities to ensure America's advantage



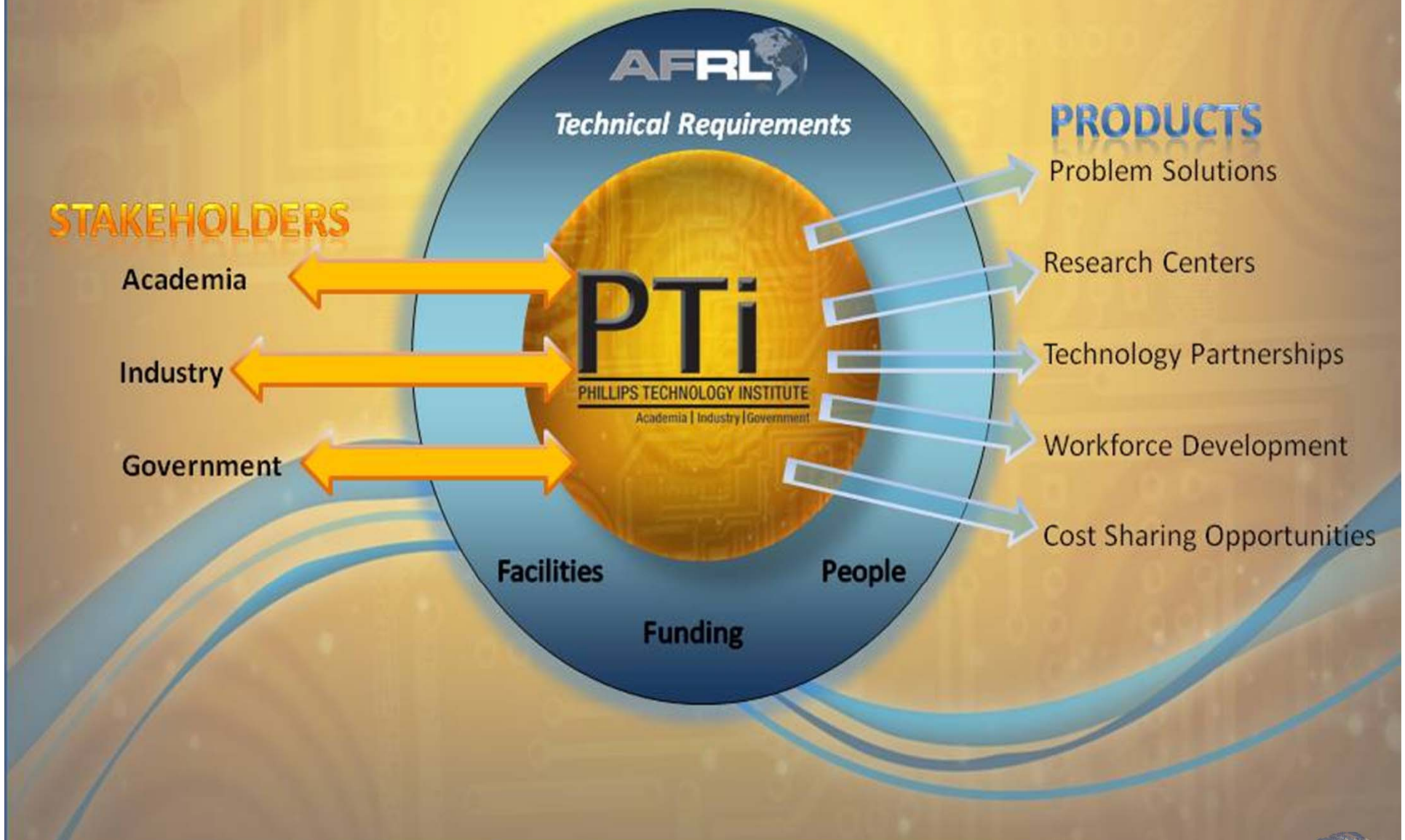
Government / Industry Partnerships in New Fiscal Environment



- Budgets: Debt Deal \$450B Defense cut, \$600B more?
- Air Force exploring creative ways to drive down costs and still continue quality mission
- Must accomplish National Security Space Strategy objectives to operate in cost-constrained world
- Two of these objectives are: (1) energize space industrial base (2) develop future workforce
- PTI authorized to use many tools to meet NSSS objectives



PTI Processes



PIT TOOLBOX

MOUs and MOAs

Traditional contracts
through RFPs and Broad
Agency Announcements

Grants and Cooperative
Agreements

Prize Competitions

Educational Partnership
Agreements

Partnership Intermediary
Agreements

Commercial Test
Agreements

Military
Interdepartmental
Purchase Requests

