



U.S. Civilian Research & Development Foundation
Peace and prosperity through science collaboration

Forging Partnerships:

CRDF in the FSU and the World



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Overview

- CRDF Mission
- CRDF History
- CRDF as Seeker of Funds
- CRDF as Source of Funds
- Areas of Operation
- Modes of Operation
- Key CRDF Partnerships
- CRDF's Future

CRDF Mission

- Founding Purposes
 - Promote and Support U.S./FSU R&D Partnerships, Including U.S. Industry
 - Weapons Expertise Redirection
- U.S. Policy Priorities
 - Security
 - Economic Development
 - Education and Research

CRDF History

- Public/Private From the Start
 - Legislation
 - George Soros/DoD (!)
 - President G.H.W. Bush has some doubts on the issue
 - CRDF Board of Directors

Remarks on Signing the FREEDOM Support Act, October 24, 1992

President George H.W. Bush

- “The bill also authorizes the creation of supposedly nongovernmental entities -- the Democracy Corps and **a foundation that will conduct scientific activities and exchanges** -- that would be subject to Government direction, established to carry out Government policies, and largely dependent on Government funding. As I have said before, entities that are neither clearly governmental nor clearly private undermine the principles of separation of powers and political accountability. In determining whether to exercise the authority granted by this bill, I will consider, and I direct the Director of the National Science Foundation to consider, whether these entities can be established and operate in conformity with those principles.”

CRDF As Seeker of Funds

- CRDF Authorized to Receive Funds from Both Public and Private Sources, Foreign and Domestic Sources
- Initial USG Money Soon Committed
- Like All Who Need Funding CRDF Must Relate to Priorities of Clients
- Alacrity and Effectiveness Save the Day (with a little help from our friends)

CRDF As Source of Funds

- In 10 Years, CRDF has Provided \$94 million to Fund R&D Collaborations, Provide Modern Equipment, Transform Research Institutions and Build Science and Engineering Partnerships -- in Academia and for Marketplace Applications

Areas of Operation

- Originally Former Soviet Union
 - Europe, Caucasus, Central Asia
- Since June 2003
 - Baltic Countries
 - Balkans
 - Middle East and North Africa
 - Others (?)

Modes Of Operation

- Research Partnerships
 - Science & Technology Research Collaboration -- 1200 Projects, 13,000 Participants
 - Knowledge Creation
 - Mutual Benefits
 - 80% of Project Resources to Foreign Participants
 - Research Equipment -- 21 RESCs

Modes of Operation (2)

- Building Science-Business Partnerships
 - Entrepreneurship
 - R&D Commercialization
 - Regional Economic Development
 - 128 Projects, 22 patents, other results
 - Follow-on Investment

Modes of Operation (3)

- Assisting R&D Reform
 - Establish Local R&D Institutions
 - Armenia (NFSAT)
 - Azerbaijan (ANSF)
 - Georgia (GRDF)
 - Moldova (MRDA)
 - Provide Advice
 - Ukraine
 - Azerbaijan
 - Moldova

Modes of Operation (4)

- Science and Technology Education
 - BRHE; 16 Awards to 19 Russian Universities for R&D in Instruction
 - \$30M+ From John D. and Catherine T. MacArthur Foundation and Carnegie Corporation of New York
 - Model for Russian Government Education Reform Program
 - Tech-Transfer Offices
 - BRHE Model to be Replicated in Georgia, Armenia, Azerbaijan, Moldova and Maybe Ukraine

Modes of Operation (5)

- Supporting Other Partnerships
 - The Grant Assistance Program
 - Assisting Industry, Universities, U.S. and Foreign Government Organizations, Non-profits to Move Resources Safely to Their Chosen Partners

KEY CRDF Partnerships

- The U.S. Research and Development Community
- R&D Communities in Foreign Countries
- CRDF Clients
 - U.S. Government Agencies
 - Foreign Government Agencies
 - U.S. Private Foundation
 - GAP Clients
 - Foreign Foundations, co-Funders
 - Companies

CRDF's Future

- New Challenges – Funding, Staff, Policies
- Continue Work in Eurasia
- Extend Eurasia Experience to New Regions Where S&T Cooperation Can Use a Boost
- New Opportunities
 - CRDF is a Trusted Partner in the U.S. and Abroad.

CRDF's Future (2)

- CRDF Intended as *Endowed* Foundation
 - As Funding Priorities Change, The Issue of Future Support for CRDF Built Capacity Becomes More Acute
 - Is There a Need for the U.S. Government to Fix That Today?
Is There a Possibility? Maybe.



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