

SCIENCE AND TECHNOLOGY CENTER IN UKRAINE – MORE THAN 10 YEARS OF SUCCESSFUL COOPERATION

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The Science and Technology Center in Ukraine (STCU) is an intergovernmental, non-profit organization established on October 25, 1993 by Canada, U.S.A., Ukraine and Sweden (subsequently replaced by the EU) with the goal of aiding unemployed or underemployed scientists previously working on the development of weapons of mass destruction.

Mission

Nonproliferation: Prevent the spread of weapons mass distraction (WMD) expertise by supporting civilian R&D activities of Azeri, Georgian, Moldovan, Ukrainian and Uzbek scientists and engineers formerly involved WMD and their means of delivery.

Sustainable Redirection: Create opportunities for former WMD scientists and engineers to develop sustainable civilian research work that contributes to the economic development of their countries, finds solutions to national/international S&T problems, and builds successful research groups.

The STCU finances projects in the following R&D areas : 1- Biotechnologies; 2- Materials Science; 3- Chemistry; 4- Environmental and Non-Nuclear Research; 5- Industrial Technologies; 6- Sensors; 7- Nuclear Energy & Safety; 8- Physics; 9- Other (Basic science). Other than government funded projects, the STCU also works in a number of other spheres of activity: Matchmaking; Promotional Missions; Seminars and Workshops; Partnership Projects; Travel Grants; and Patent Support.

The total funding to date including all twenty-two (22) Governing Boards stands at approximately **\$142.6 million**, with the donor countries contributing the following amounts: **Canada - \$3.3m, U.S.A.- \$73.0m, European Union - \$25.4m (€21.5m), Non-Government Partners Sector - \$14.0m, Government Partners Sector - \$25.9m and Other (Japan, CERN) - \$1.0m.**

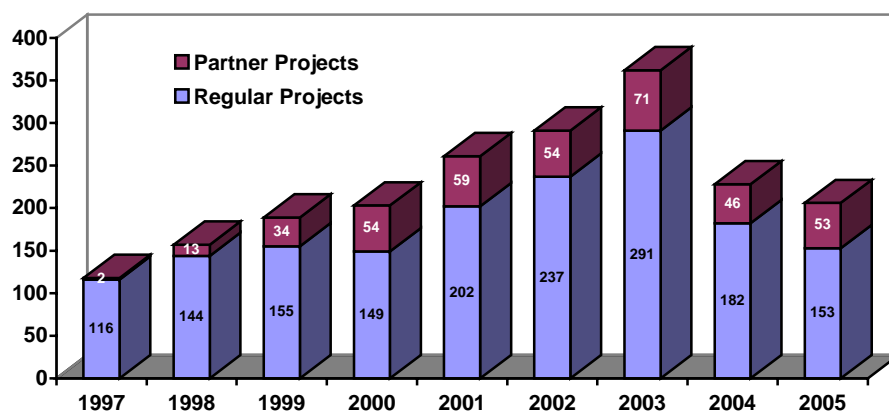
The area of Materials Science is one of the most represented among the STCU categorization. At the moment the STCU has funded **152 projects**, employing a total of **3759 scientists**. The total funding for the materials science related projects is **\$16,134,299 and 3,687,064€**. The area of materials science includes the following directions: new materials, nanotechnology, equipment & devices, coatings.

"From Science to Business" – STCU-NATO Workshop in Kyiv (October 11-12, 2006)
[Direct link to workshop information page: <http://www.stcu.int/workshop/index.php>]

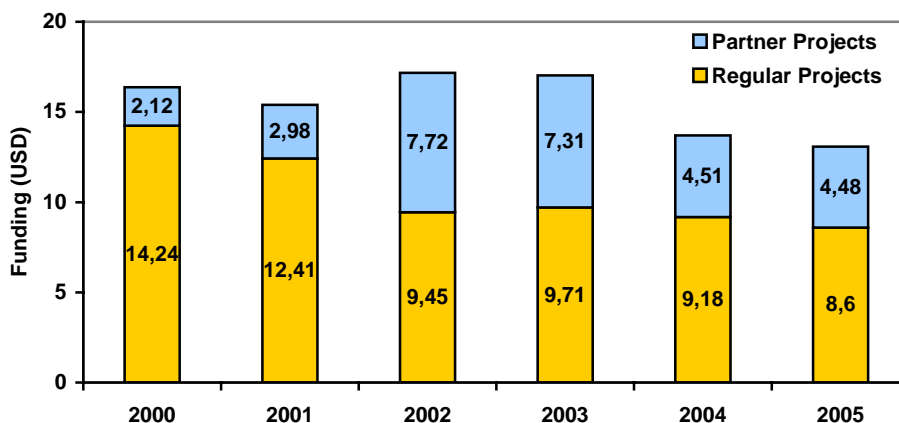
In line with the Center main objectives, the Workshop serves the purpose of bringing former Soviet Weapon Scientists to Civilian Business. The focus will be specifically on delivering know-how to Ukrainian Scientists. Simultaneously the event shall offer Foreign Companies a platform to initiate relations leading possibly to industrial research and technology transfer opportunities. **Day One (Wednesday Oct. 11)** will gather some 200 pre-selected Local Scientists and deliver them most up-to-date presentations and speeches by Key Speakers from STCU Funding Parties Countries and NATO "Security Through Science" Program. The themes selected are: Technology Transfer Issues, Intellectual Property Rights Protection, Mechanisms of Commercializing Research Results and Methods for Attracting Financing. Participants will be walked through a Technology Exhibition where Ukrainian Scientists will defend their posters.

Day Two (Thursday Oct. 12) will give the occasion for a reduced number of Local Scientists (100 also pre-identified), to split between five Panel Groups, including **New Materials and Nanotechnology**, and to engage in a real dialogue with Company representatives. Each Group shall focus on debating innovative technologies and potential commercialization (some Technology Profile Forms are now available).

Number of Active STCU Projects Per Year



Approved STCU Projects Financing (Past Five Years)



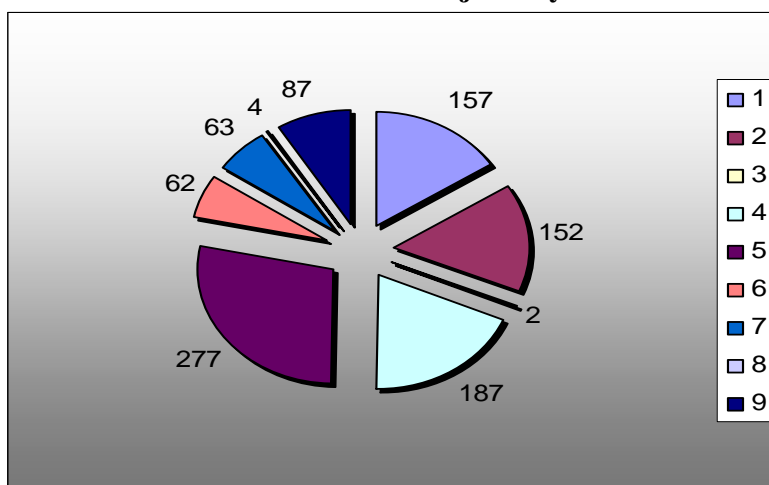
STCU Programs Focused On “Permanent Redirection” And Self-Sustainability

- Less on project Volume
- More on Opportunities in:

- Private Sector Partners
- Commercialization
- National / International Research Programs
- Specific Party Programs/ Goals

Encouraging Partnership/ Co-Financing with Recipient Parties

Distribution of the STCU Funded Projects by Technical Areas



1- Biotechnologies; 2- Materials Science; 3- Chemistry; 4- Environmental and Non-Nuclear Research; 5- Industrial Technologies; 6- Sensors; 7- Nuclear Energy & Safety; 8 - Physics; 9- Other (Basic Science, etc.)