



American Competitiveness Initiative

Focus on Evaluation

U.S. Department of Education

April, 2007

Members

- **Participating Agencies**



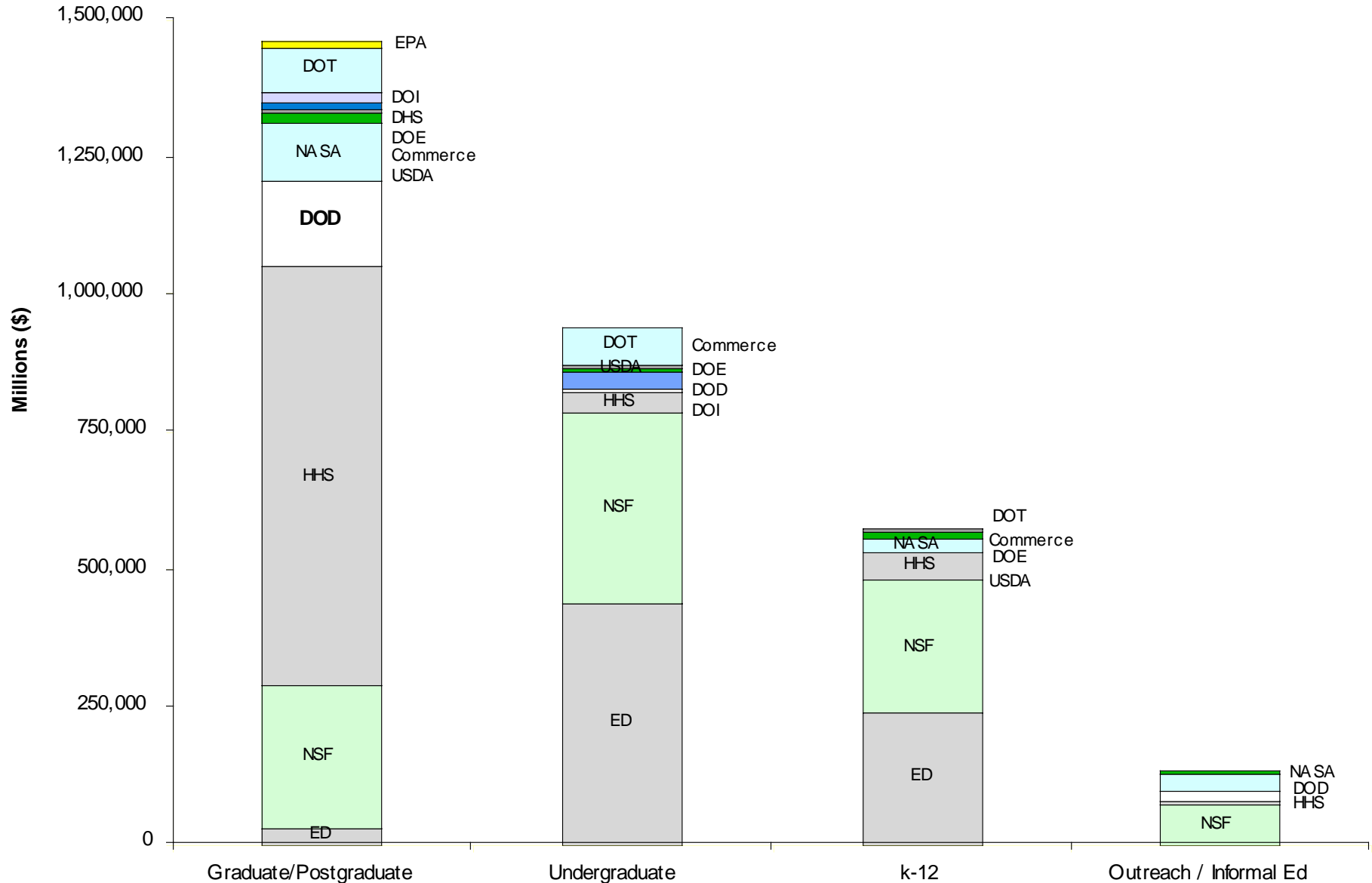
- **The Executive Office of the President**



- **The Coalition for Evidence Based Policy – a nonprofit, nonpartisan organization sponsored by the Council for Excellence in Government**



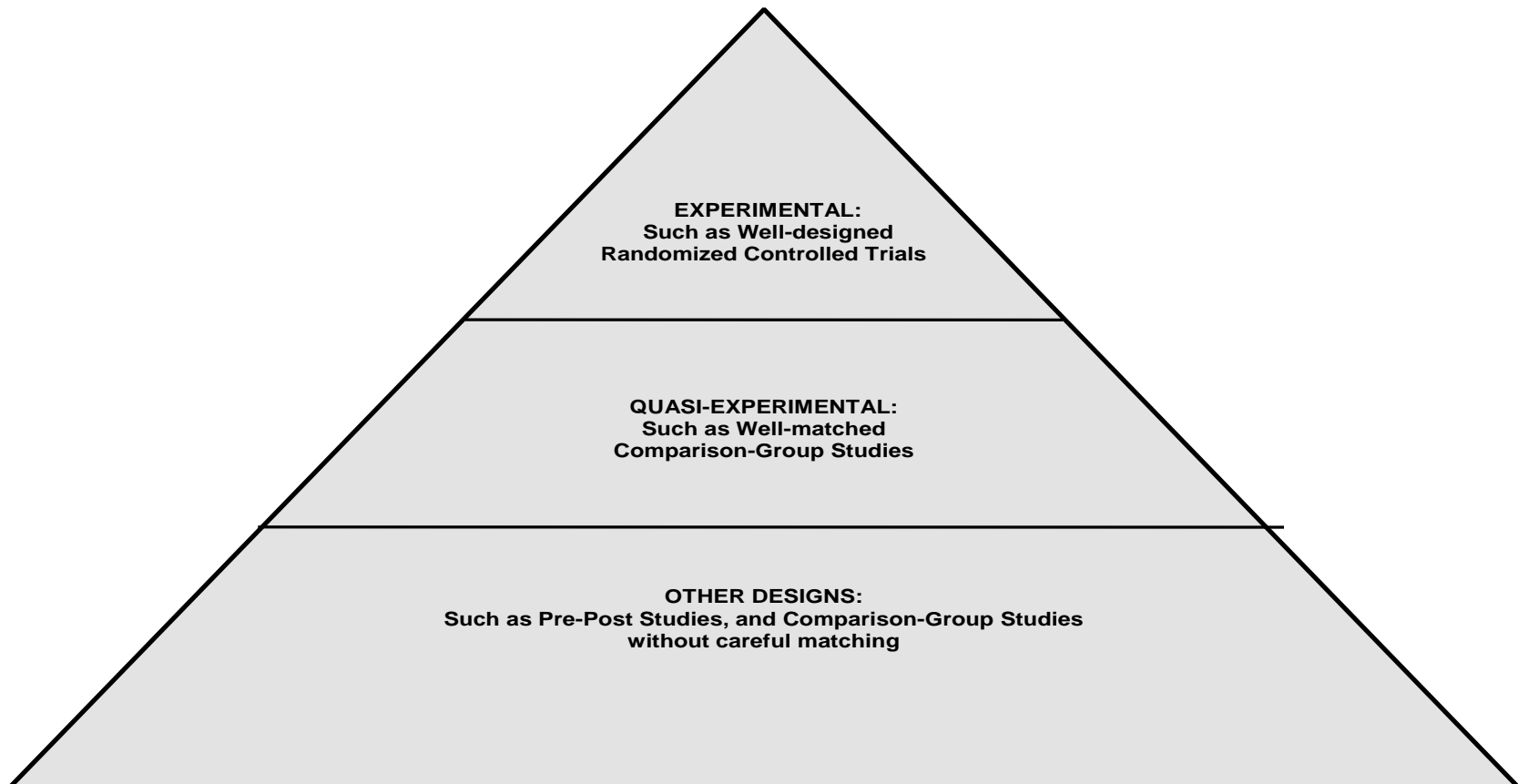
2006 Agency Investment by Program Area



Evaluation Framework

Graphic Summary:

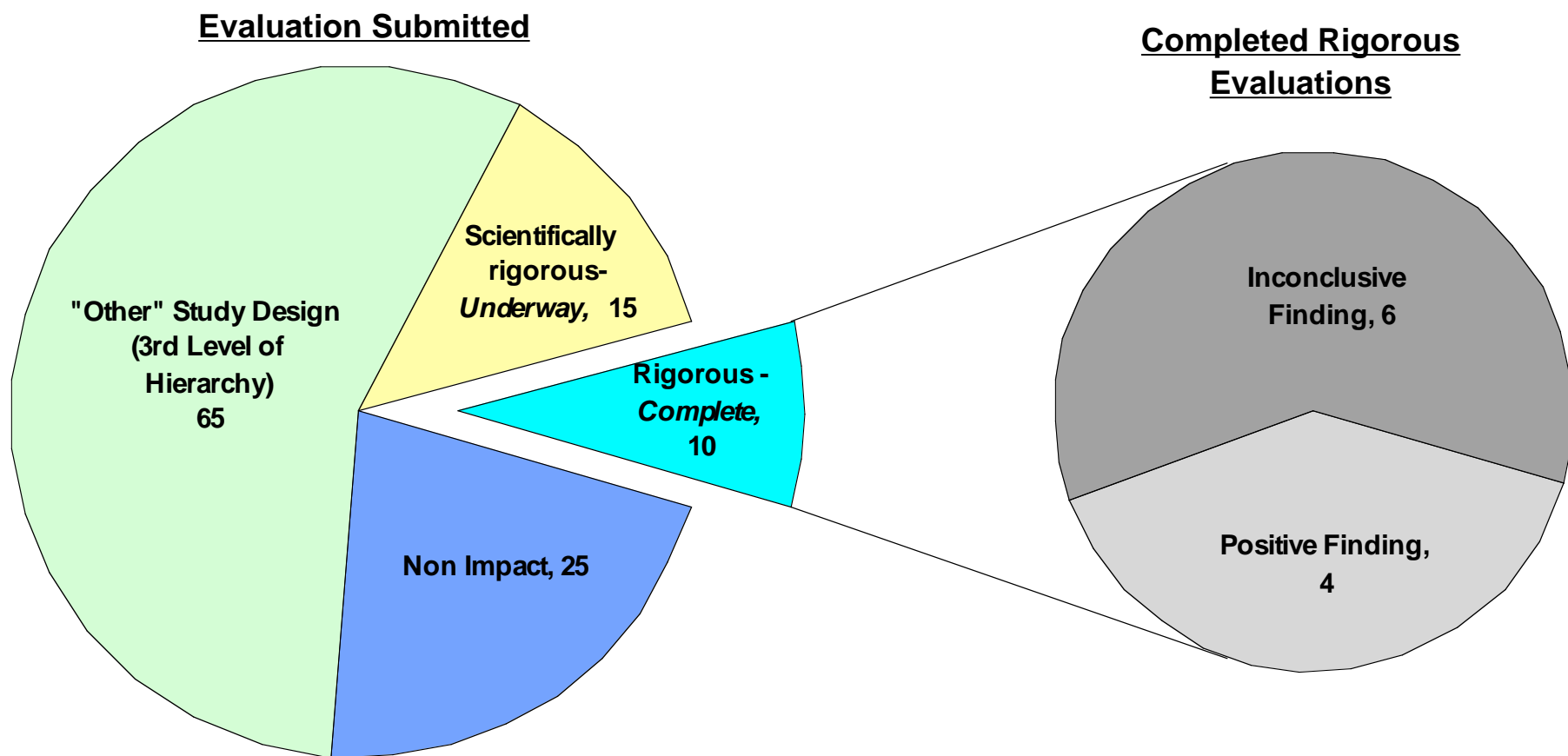
Hierarchy of Study Designs For Evaluating the Effectiveness of a STEM Educational Intervention



Prepared by the Coalition for Evidenced-Based Policy and presented to the ACC at the 7/19 Principals meeting.

Evaluation Rigor

A selection of 115 programs or projects were reviewed by a team of external experts.



Report Recommendations

1. The federal government should foster knowledge of effective practices through improved evaluation.
2. Federal agencies should adjust program designs and operations so that programs can be assessed and measurable results can be achieved, consistent with the program goals.
3. Funding for Federal STEM education programs should not increase unless a **plan** for rigorous, independent evaluation is in place.