

**Senate Economics Legislation Committee**  
**ANSWERS TO QUESTIONS ON NOTICE**  
Industry, Tourism and Resources Portfolio  
Budget Estimates Hearing 2007-08  
28 May 2007

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**AGENCY/DEPARTMENT:** INDUSTRY, TOURISM AND RESOURCES

**TOPIC:** Funding for AP6 on clean development and climate

**REFERENCE:** Written Question

**QUESTION No. B1-76**

**Senator Evans** asked:

Given the Government's commitment of \$100 million towards the AP6 clean development and climate initiative:

- a) How much of that funding has actually been committed to projects?
- b) Of the amount committed, to date how much has actually been spent?
- c) Can the Department provide for each approved project under this initiative the amount in funding committed and the current amount actually spent?

(This is an update of the question asked in February 2007).

**ANSWER**

- a) Of the \$100 million, \$95 million was allocated for projects (Administered funds) and \$5 million allocated to support the Government's participation in the partnership (Departmental funds). \$94.53 million of the Administered funds have been approved by Ministers as in-principle investment support to individual projects.
- b) \$796,657 of the administered funds.
- c) Yes

<b>Task Force</b>	<b>Project Title</b>	<b>TOTAL FUNDING COMMITMENT</b>	<b>Actual Spending 2006-07</b>
<b>Cleaner Fossil Energy</b>	CO2 Capture and Storage Program	\$3,000,000	\$35,000
<b>Cleaner Fossil Energy</b>	Assessing Post-Combustion Capture for Coal Fired Power Stations in AP6 Countries	\$8,000,000	
<b>Cleaner Fossil Energy</b>	Assessing Post Combustion Capture Technologies for Emissions from Coal-Fired Power Stations - stage 2	\$4,000,000	

<b>Task Force</b>	<b>Project Title</b>	<b>TOTAL FUNDING COMMITMENT</b>	<b>Actual Spending 2006-07</b>
<b>Cleaner Fossil Energy</b>	Ultra Clean Coal	\$2,000,000	
<b>Cleaner Fossil Energy</b>	Oxy-Fuel Combustion Technology Road Mapping and Demonstration Program	\$500,000	
<b>Cleaner Fossil Energy</b>	Co <sub>2</sub> Enhanced Coal Bed Methane	\$5,000,000	
<b>Cleaner Fossil Energy</b>	Asia-Pacific Gas Market Growth	\$500,000	
<b>Cleaner Fossil Energy</b>	Evaluating and Reducing Emissions in Producing, Processing and Transporting Natural Gas	\$100,000	
<b>Cleaner Fossil Energy</b>	Information Exchange on Liquid Natural Gas Public Education Campaigns	\$20,000	
<b>Cleaner Fossil Energy</b>	Costs and Diffusion Barriers to Deployment of Low Emissions Technologies	\$200,000	
<b>Renewable Energy And Distributed Generation</b>	High Efficiency Solar Power Stations for Affordable Energy	\$5,000,000	
<b>Renewable Energy And Distributed Generation</b>	Expanding Korea's Access to Solar Innovation	\$395,000	
<b>Renewable Energy And Distributed Generation</b>	Identifying High Value Geothermal Resources in China	\$75,000	
<b>Renewable Energy And Distributed Generation</b>	Identifying Optimal Legal Frameworks for Renewable Energy in China, India and Korea	\$65,000	
<b>Renewable Energy And Distributed Generation</b>	Pursuing Clean Energy Business in India	\$200,000	\$60,000
<b>Renewable Energy And Distributed Generation</b>	Quality Renewable Energy Training Program in China and India	\$657,187	\$105,157
<b>Renewable Energy And Distributed Generation</b>	Building Expertise in Solar Energy Engineering	\$5,195,836	
<b>Renewable Energy And Distributed Generation</b>	Solar-enhanced Fuels for Electricity and Transport	\$3,350,000	
<b>Renewable Energy And Distributed Generation</b>	Improving the Cost-Effectiveness of Biomass Energy Generation	\$2,145,420	\$201,544
<b>Renewable Energy And Distributed Generation</b>	Increasing Efficiency of Linear Concentrators to Capture Solar Energy	\$1,600,000	
<b>Renewable Energy And Distributed Generation</b>	Electrification of rural Indian villages through sharing experience and knowledge gained from Australia's Bushlight renewable energy program	\$2,000,000	
<b>Renewable Energy And Distributed Generation</b>	Design and development of a solar biomass hybrid cooling system	\$750,000	
<b>Renewable Energy And Distributed Generation</b>	Accelerating deployment of smart mini/micro grids in AP6	\$2,250,000	

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	markets		
<b>Renewable Energy And Distributed Generation</b>	New generation small wind turbines for remote power systems and grid connection	\$450,000	
<b>Renewable Energy And Distributed Generation</b>	Innovation, demonstration and evaluation of concentrator PV systems in India	\$300,000	
<b>Renewable Energy And Distributed Generation</b>	Utilising state of the art atmospheric modelling to identify and quantify grid connected wind projects and provide wind resource information for off-grid wind generation facilities	\$200,000	
<b>Renewable Energy And Distributed Generation</b>	A fully integrated process for biodiesel production from microalgae in saline water	\$1,890,000	
<b>Power Generation and Transmission</b>	Best Practice in Power Generation	\$250,000	
<b>Power Generation and Transmission</b>	Energy Regulatory and Market Development Forum	\$900,000	\$66,791
<b>Power Generation and Transmission</b>	Efficiency Improvements of Coal Fired Utilities	\$1,100,000	
<b>Aluminium</b>	Management of Perfluorocarbon Emissions	\$200,000	
<b>Aluminium</b>	Fluoride Emissions Management	\$500,000	
<b>Aluminium</b>	High Silica Bauxite Processing	\$1,000,000	\$24,770
<b>Aluminium</b>	Management of Bauxite Residues (red mud)	\$600,000	\$24,770
<b>Aluminium</b>	Aluminium Measuring and Benchmarking	\$150,000	
<b>Aluminium</b>	Linkages to Technology Providers	\$20,000	\$4,500
<b>Aluminium</b>	Efficient carbon anode utilisation	\$1,700,000	
<b>Aluminium</b>	Optimising energy productivity	\$430,000	
<b>Buildings and Appliances</b>	Alignment of National Standby Power Approaches	\$2,000,000	
<b>Buildings and Appliances</b>	Harmonization of Appliance Testing Procedures	\$2,000,000	
<b>Buildings and Appliances</b>	High Performance Buildings and Developments	\$500,000	\$34,231
<b>Buildings and Appliances</b>	Utility Regulation and Incentives	\$300,000	
<b>Buildings and Appliances</b>	Enhancement of Building Energy Codes	\$600,000	
<b>Buildings and Appliances</b>	Financing and Contracting for Energy Efficiency: Enabling Mechanisms for Residential Smart Systems and	\$250,000	
<b>Buildings and</b>	Green Leases	\$250,000	

<b>Task Force</b>	<b>Project Title</b>	<b>TOTAL FUNDING COMMITMENT</b>	<b>Actual Spending 2006-07</b>
<b>Appliances</b>			
<b>Buildings and Appliances</b>	Existing Buildings sub-project Energy Efficiency Upgrade Capability - Framework and Demonstration	\$250,000	
<b>Buildings and Appliances</b>	Tianjin Green Office Building	\$1,050,000	
<b>Buildings and Appliances</b>	Australian-Indian Building Tune-Ups	\$2,650,000	
<b>Buildings and Appliances</b>	China Office Operational Building Energy Rating System (COOBER)	\$275,000	
<b>Cement</b>	Cement Centre of Excellence	\$1,150,000	
<b>Cement</b>	Cement Kiln Cogeneration Demonstration Plant	\$100,000	
<b>Cement</b>	Cement kiln co-generation demonstration plant - stage 2	\$4,000,000	
<b>Cement</b>	Status Report and Benchmarking	\$300,000	
<b>Cement</b>	Utilising bio-solids in cement kilns	\$4,000,000	
<b>Cement</b>	Maximising the use of solvent based fuels in cement kilns	\$4,000,000	
<b>Coal Mining</b>	Coal Mine Safety Strategy	\$6,250,000	\$114,613
<b>Coal Mining</b>	Thick Coal Seam Extraction	\$1,000,000	
<b>Coal Mining</b>	Integrated Coal Production and Methane Extraction	\$2,200,000	
<b>Coal Mining</b>	Leading Practice Sustainable Development Program for the Mining Industry	\$1,210,000	\$125,281
<b>Coal Mining</b>	Acceleration of Underground Coal Gasification in India	\$237,500	
<b>Coal Mining</b>	Acceleration of Underground Coal Gasification in India (Stage 2)	\$750,000	
<b>Coal Mining</b>	Mines Fires Control	\$1,400,000	
<b>Steel</b>	Annual Steel Experts Workshop	\$100,000	
<b>Cross Task Force</b>	Linking LETDF and AP6	\$1,000,000	
<b>TOTALS</b>		<b>\$94,515,943</b>	<b>\$796,657</b>