

SAMPLES OF US GOVERNMENT GRANTS TO THE GLOBAL WARMING INDUSTRY

Researched by Dennis Ambler



SPPI ORIGINAL PAPER



August 22, 2012

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RECENT AND CURRENT GRANTS

[\\$1.9 million in environmental justice grants](#) 10th May 2010

The U.S. Environmental Protection Agency (EPA) has awarded \$1.9 million in environmental justice grants to 76 non-profit organizations and local governments working on environmental justice issues nationwide. [The grant program](#) supports Administrator Lisa P. Jackson's priority to expand the conversation on environmentalism and work for environmental justice.

Project Title: **Hazrds Xtreme Climatc Events: Impacts H₂O quality**

Grant ID Number: RD - 83518801-0

Recipient Name: University of South FL Board of Trustees

Award Date: 24/04/2012 Cum Award: **\$374,936**

Project Start: 01/06/2012 Project End: 31/05/2015

The goal of this grant is to develop tools to predict how climatic variability and extremes, **which are increasing with global climate change**, will affect water quality by altering water-borne disease risk for wildlife and humans.

Project Title: **Extreme Precip Effects on Urban Water Quality**

Grant ID Number: RD - 83519501-0

Recipient Name: UofWA - **University of Washington**

Award Date: 17/04/2012 Cum Award: **\$240,000**

Project Start: 01/06/2012 Project End: 31/05/2015

The goal of the project is to **develop tools and assessment products** for evaluation of **potential changes in water quality** in urban regions **that will accompany Intergovernmental Panel on Climate Change (IPCC) projections of climate change** over the continental U.S. and global river basins.

Project Title: **Advancing Environmental Education in Region 1**
Grant ID Number: NE - 96157901-0

Recipient Name: **New England Environmental Education Alliance**
Award Date: 28/02/2012 Cum Award: **\$149,774**
Project Start: 01/04/2012 Project End: 31/03/2014

NEEEA is an association that serves as an umbrella organization for environmental education throughout the 6 New England states. Through **capacity building** each of the state partners are participating in the fulfilment of this grant program. NEEEA plans to strategically advance environmental education through **capacity building** in the region by supporting projects through **state environmental literacy and strategic plans** while requiring sub- awards to select priorities (**capacity building**, educational advancement, community projects, human health & the environment, career development, e.g. teaching skills) of this grant program.

This program also addresses the agency priorities of **Expanding the Conversation on Environmentalism & Working for Environmental Justice** and Building Strong State & Tribal Partnerships.

Project Title: **Detecting Climate Change in Wetlands in the Adirondack Park**
Grant ID Number: CD - 97208000-0

Recipient Name: **New York State Adirondack Park Agency**
Award Date: 29/09/2011 Cum Award: **\$227,005**
Project Start: 01/01/2012 Project End: 31/12/2015

The recipient will design and initiate a network of long-term wetland monitoring sites for analysis of wetland responses to climate change. It will **identify wetlands in the Adirondack Park at risk from climate change**; develop protocols and criteria for detecting and monitoring climate change effects; develop training modules for **citizen science volunteers**; and develop a web-based geographic information systems (GIS) database to analyze, **interpret**, and disseminate information on wetland and watershed conditions.

Project Title: **Integrated Assessment of Multiple Greenhouse Gases, Climate Impacts and Pollution**

Grant ID Number: XA - 83344601-3

Recipient Name: **Massachusetts Institute of Technology**

Award Date: 20/04/2010 Cum Award: **\$600,000**

Project Start: 01/07/2007 Project End: 31/12/2011

This project will improve models and their underlying data and scenarios for the assessment of both climate change and the linkages between climate change and air pollution, both of which are important issues for research and policy. It will also assess the economic implications to **assist decision makers and the public in effectively responding to the challenges and opportunities posed by climate change.**

Project Title: **General Assistance Program - GAP III**

Grant ID Number: GA - 00934301-3

Recipient Name: **North Fork Rancheria**

City: Recipient Type: Indian Tribe

Award Date: 22/07/2010 Cum Award: **\$460,000**

Project Start: 01/10/2007 Project End: 30/09/2011

The objective of this project is to expand the Tribe's Environmental Protection Program to include solid waste management program, **develop Tribal climate change program and community education on climate change**, Tribal community environmental education, and drinking water protection program.

FOREIGN GRANTS

Brazil

Project Title: **Methane Atlas Energy Gen. in Brazilian Landfills**

Grant ID Number: XA - 83604601-0

Recipient Name: **Abrelp Associacao Brasileira De Empres De Limp Pub**

Award Date: 01/08/2011 Cum Award: **\$160,000**

Project Start: 01/08/2011 Project End: 31/01/2013

To develop a publication, the **"Atlas of GHG Emission and Energy Potential by Waste Destination in Brazil."** This will provide up-to-date information on waste management in the country, the types of final waste disposal in each geographic area broken down by state, waste management as a renewable energy resource for Brazil, the potential for GHG emissions reductions, and finally the viable end-use options to be applied in the sector.

Colombia

Project Title: **Implementation-Methane Usage Systems-Colombia**

Grant ID Number: XA - 83371901-1

Recipient Name: **CNPMLTA**

Award Date: 19/03/2009 Cum Award: **\$64,350**

Project Start: 01/09/2007 Project End: 30/09/2009

SMALL GRANT. This project will develop a market assessment of agricultural waste sources in Columbia to provide a basis for targeting methane recovery technology in various livestock sectors to reduce emissions of methane and promote renewable energy opportunities in this sector.

Mongolia

Project Title: **Assessmnt-Methane Resources-Agri Wastes-Mongolia**

Grant ID Number: XA - 83604501-0

Recipient Name: **Advanced Technology Development Centre**

Award Date: 15/08/2011 Cum Award: **\$90,000**

Project Start: 01/10/2011 Project End: 30/09/2012

Conduct a comprehensive **study of biogas resource market potential in Mongolia**: This activity will perform a more detailed and updated assessment of the current animal waste resources in Mongolia and characterize existing waste management practices in Mongolia livestock sector. This resource assessment will then be used to develop a market synopsis on where and how methane emissions from these sources can be reduced and how much energy could be produced.

China

Project Title: **Scale-up of Biomass Stoves in Western China**

Grant ID Number: XA - 83366201-2

Recipient Name: **China Assoc. of Rural Energy Industry**

Award Date: 28/04/2010 Cum Award: **\$230,000**

Project Start: 01/08/2007 Project End: 31/01/2011

The China Association of Rural Energy Industry will help 100,000 Chinese adopt cleaner technologies that improve health while protecting the environment (reducing deforestation and greenhouse gas emissions).

Project Title: **Workshop/Biogas Technology, Policy Development**

Grant ID Number: XA - 83372801-0

Recipient Name: **China Biogas Society**

Award Date: 31/10/2007 Cum Award: **\$55,000**

Project Start: 01/09/2007 Project End: 01/07/2009

SMALL GRANT. This project addresses the need for **disseminating information** on rural energy technologies that reduce greenhouse gas emissions in the agricultural sector and promote rural economic development.

Project Title: **Coal Mine Methane to Markets Partnership in China**

Grant ID Number: XA - 83299401-3

Recipient Name: **China Coal Information Institute**

Award Date: 25/01/2010 Cum Award: **\$375,000**

Project Start: 01/05/2006 Project End: 30/09/2010

To overcome barriers to recovery of coal mine methane in China, the world's leading emitter of coal mine methane. This incremental funding request is for Year 4 funding of a **four-year cooperative agreement to the China Coal Information Institute (CCII)**. This project is consistent with EPA's goals under the Methane to Markets Partnership as well as the Agency's missions of providing technical assistance and **promoting sustainable development to developing countries and economies in transition**.

Project Title: **Power Generation Using Low Quality Coal Methane**

Grant ID Number: XA - 83368601-0

Recipient Name: **China Coal Information Institute**

Award Date: 18/09/2007 Cum Award: **\$100,000**

Project Start: 01/09/2007 Project End: 30/09/2010

The China Coal Information Institute (CCII) will address the lack of mature technology to recover and utilize low-quality coal mine methane, which makes up a significant fraction of China's coal mine methane emissions. Through this proposal, CCII proposes to demonstrate power generation at a specific coal mine in the Anhui or Henan coal mining area of China using low-quality coal mine methane and assessing the engine performance.

Project Title: **Technical Assessment of Coal Mine Gas Recovery & Utilization in China**
Grant ID Number: XA - 83443901-1

Recipient Name: **China Coal Information Institute**
Award Date: 06/08/2010 Cum Award: **\$180,000**
Project Start: 15/07/2009 Project End: 15/06/2011

The China Coal Information Institute (CCII) will conduct an analysis of Coal Mine Methane (CMM) utilization technologies used in Chinese coal mines, examine the efficiencies of these technologies and **assess their CO₂ reduction benefits**.

Project Title: **Further Promotn-M2M-Coal Sector of China**
Grant ID Number: XA - 83505801-1
Recipient Name: **China Coal Information Institute**
Award Date: 08/09/2011 Cum Award: **\$140,000**
Project Start: 01/08/2011 Project End: 31/07/2013

The project will **study** the characteristics of VAM utilization technology, disseminate VAM utilization know-how throughout China and carry out **pre-feasibility studies** to promote VAM demonstration projects to reduce VAM emissions.

Project Title: **Managing Pollution from Persistent Organic Pollutants (POPs) and Other Toxic Substances in China**
Grant ID Number: X4 - 83192101-8

Recipient Name: **ChinaEPA - China State Env Protection Administration**
Award Date: 27/01/2010 Cum Award: **\$718,000**
Project Start: 01/09/2004 Project End: 31/08/2010

This cooperative agreement is to assist China to meet the requirements of both the Stockholm and Long Range Transport of Air Pollutants Conventions. This project will implement China's National Implementation Plan for POPs and address persistent, bioaccumulative and toxic chemicals that are of concern to China and the US.

Project Title: **Capacity Bldg-CBM/CMM Development & Utilization**
Grant ID Number: XA - 83446401-2

Recipient Name: **China University of Petroleum Beijing**
Award Date: 07/04/2011 Cum Award: **\$199,805**
Project Start: 01/07/2009 Project End: 30/06/2012

The China University of Petroleum, Beijing will partner with the Jincheng Anthracite Coal Mining Group in Shanxi Province to **analyze the efficiency of its existing Coal Mining and Methane recovery projects** and develop a series of recommendations to enhance methane recovery and reduce emissions in its mines.

Project Title: **Landfill Gas Utilization Feasibility Studies-China**
Grant ID Number: XA - 83397501-1

Recipient Name: **China Urban Const Design and Research Academy**
Award Date: 09/06/2010 Cum Award: **\$175,000**
Project Start: 01/08/2008 Project End: 01/03/2011

The overall objective of this project is to reduce methane emissions and to maximize energy recovery from existing landfills in China. Feasibility studies allow for assessing the energy potential/ methane reductions from a given landfill and can lead to landfill gas to energy project development.

Project Title: **CMM Recovery & Utilization Initiative-Guizhou China**
Grant ID Number: XA - 83442901-2

Recipient Name: **Guizhou Intl Cooperation Center for Env Protection**
Award Date: 02/02/2011 Cum Award: **\$210,730**
Project Start: 01/09/2009 Project End: 31/12/2011

This project will build on the previous successes of the Guizhou International Cooperation Center for Environmental Protection (GZICCEP) in promoting methane capture and use in Guizhou, China. The GZICCEP will promote the recovery and utilization of coal mine methane (CMM) in Guizhou Province, China, and develop two pre-feasibility studies that can be used by the host coal mines to develop into full feasibility studies for project financing and implementation.

UNITED NATIONS

Project Title: UNEP - **Clearing-House/Partnership-Clean Fuels**
Grant ID Number: X4 - 83415201-6

Recipient Name: **United Nations Environment Programme**
Award Date: 21/09/2011 Cum Award: **\$1,376,841**
Project Start: 01/04/2009 Project End: 31/12/2013

Global initiative promoting cleaner fuels and vehicles in developing and transitioning countries. The promoting of cleaner fuels and vehicles will focus on four global campaigns. Phase down sulphur in diesel and gasoline, concurrent with: adoption of cleaner vehicle standards and technologies and fuel economy policies.

Project Title: **Environmentally Sound Mgmt-Hazardous Waste**
Grant ID Number: X8 - 83380401-1

Recipient Name: **United Nations Environment Programme**
Award Date: 07/12/2010 Cum Award: **\$270,000**
Project Start: 01/08/2008 Project End: 31/07/2012

Will support training, **awareness raising and capacity building** programs which encourage environmentally sound management of hazardous waste and other waste by following a life-cycle management approach and by promoting sustainable development policies.

Support an 18-month project in three countries in Latin America and the Caribbean to develop decision-making tools for the environmentally sound management of mercury waste in the health care sector or in another sector.

Project Title: **Russian Fed Support to the Natl Prog of Action for Protection of the Arctic**
Grant ID Number: X4 - 83379801-1

Recipient Name: **United Nations Environment Programme**
Award Date: 29/09/2010 Cum Award: **\$368,300**
Project Start: 01/06/2008 Project End: 28/02/2011

This project centers on protection of the Arctic environment in Russia, including but not limited to the impacts of land-based sources on marine pollution. This work will cover three broad areas: (1) implementation of **Russia's National Plan of Action** for Protection of the Arctic Marine Environment from Anthropogenic Pollution (NPA-Arctic), (2) hazardous chemicals management, and (3) climate change mitigation, adaptation, and awareness.

Project Title: **Partnership for Clean Fuels**
Grant ID Number: X4 - 83126601-7

Recipient Name: **United Nations Environment Programme**
Award Date: 09/07/2008 Cum Award: **\$1,675,862**
Project Start: 01/07/2003 Project End: 30/06/2009

This project supports the Partnership for Clean Fuels and Vehicles, which brings together a **broad coalition of organizations** to foster the widespread use of clean fuels and advanced vehicle emissions technologies.

Project Title: **Promote Environmental Sound Management Worldwide**
Grant ID Number: X4 - 83089401-9

Recipient Name: **United Nations Environment Programme**
Award Date: 13/09/2007 Cum Award: **\$1,200,000**
Project Start: 01/03/2003 Project End: 28/02/2008

International Cooperative Agreement with (UNEP) for EPA-UNEP Cooperation to Promote Environmentally Sound Management Worldwide and Promote Global Environmental Agreements.

Project Title: **Developing Product Inventories and a Pollutant Release and Transfer Register for Mercury**
Grant ID Number: X8 - 83323401-6

Recipient Name: **United Nations Institute for Training & Research**
Award Date: 08/04/2011 Cum Award: **\$1,007,025**
Project Start: 01/10/2006 Project End: 13/01/2012

This project will support the implementation and follow-up action of **global instruments to reduce risks to human health** and the environment presented by chemicals. Also, it will contribute to reduce or eliminate the use of mercury-containing products in **three developing countries in Latin America and the Caribbean Regions**.

FORMER SOVIET STATES

Project Title: **Strengthening the Links Between USA and Central and Eastern Europe on Environmental Health Issues.**

Grant ID Number: X5 - 96029601-2

Recipient Name: **CRERMS**

Award Date: 09/04/2010 Cum Award: **\$120,651**

Project Start: 01/05/2006 Project End: 31/12/2010

Complete the Central and Eastern European Conference on Health and the Environment, maintain the conference website, and complete initial planning for the 4th biennial conference.

Project Title: **Ventilation Air Methane (VAM) at Russian Coal Mines**

Grant ID Number: XA - 83505401-0

Recipient Name: **NPO UGLEMETAN**

Award Date: 20/07/2011 Cum Award: **\$170,143**

Project Start: 01/08/2011 Project End: 31/07/2014

The proposed project aims at improving the measurement of ventilation air methane (VAM) emissions in the Kuznetsk Coal Basin (Kuzbass) of the Russian Federation. This would lead to the use of VAM as a **potential clean fuel for energy production**. There will be relevant **pre-feasibility studies** developed to set up favorable conditions for VAM technology deployment at coal mines in Kuzbass.

"SCIENCE" FUNDING

Project Title: **AAAS Environmental Science and Engineering Fellowship Program**

Grant ID Number: X3 - 83232801-C

Recipient Name: **American Association Advancement of Science**

Award Date: 07/12/2009 Cum Award: **\$10,476,856**

Project Start: 01/09/2005 Project End: 31/08/2010

To establish and nurture critical links between decision-makers and scientific professionals to support public policy that benefits society.

Project Title: **Env. Science & Engineering Fellowship Program**
Grant ID Number: X3 - 83459201-5

Recipient Name: **American Association Advancement of Science**
Award Date: 27/03/2012 Cum Award: **\$4,437,241**
Project Start: 01/09/2010 Project End: 31/08/2015

The proposed cooperative agreement will **place professional scientists and engineers in EPA for one to two year Fellowships**. During these placements, fellows will perform activities and gain hands-on knowledge and experiences of environmental policy development **under the mentorship of EPA experts**.

LOBBY GROUPS AND NGO'S

[American Lung Association](#)

In the last 10 years, the EPA has given the ALA **\$20,405,655**, according to [EPA records](#).

American Lung Association [Joins Suit Against EPA](#) over Pollution Standards.

Project Title: **Environmental Capacity Building in Newly Independent States**
Grant ID Number: X4 - 83199301-2

Recipient Name: **Environmental Defense**
Award Date: 23/08/2006 Cum Award: **\$415,000**
Project Start: 30/09/2004 Project End: 30/09/2009

Conduct environmental capacity building in the Newly Independent States of the Former Soviet Union, starting with **Ukraine and Russia**. The focus is on assisting governments of this region to institutionalize practices of modern environmental policy into their own environmental protection systems.

Project Title: **Environmental Justice Green Jobs Development Program**

Grant ID Number: EQ - 00F37401-0

Division/Office: Office of Environmental Justice and Tribal Affairs

Recipient Name: **Global Green USA**

Award Date: 01/07/2011 Cum Award: **\$100,000**

Project Start: 01/09/2011 Project End: 31/08/2012

The project's objective is to see the emerging green economy in New Orleans be inclusive and accessible to all rather than excluding those most in need of training and work. It is a multi-faceted effort to significantly improve the quality of life and increase economic opportunities for New Orleanians and their families by connecting 14 disadvantaged workers to subsidized green job training and workforce opportunities.

Project Title: **Defining Action to Enable Sustainable Development: The LEED-ND Assessment Tool**

Grant ID Number: PI - 83611001-0

EPA Region: EPA HQ - Office of the Administrator

Recipient Name: **Global Green USA**

Award Date: 30/08/2011 Cum Award: **\$166,010**

Project Start: 01/10/2011 Project End: 30/09/2016

Global Green, Inc. **will refine** the Leadership in Energy and Environmental Design for Neighborhood Development (LEED-ND) "quick assessment" tool they have developed and apply it to the local government context.

Project Title: **Indicators of Ecological Effect of Air Quality**

Grant ID Number: XA - 83238101-2

EPA Region: EPA HQ - Office of Air and Radiation

Recipient Name: **H. John Heinz III Ctr for Sci Econ & the Env**

Award Date: 28/10/2008 Cum Award: **\$250,000**

Project Start: 11/04/2005 Project End: 30/04/2009

The aim of this project is to enhance scientific assessment capabilities by identifying indicators of ecosystem condition and exposure to air pollutants and to develop analysis methods to better understand the potential role that air quality plays in observed changes in terrestrial, freshwater and coastal ecosystems.

Project Title: **Cooperative Agreement Support Secretariat (INECE)**

Grant ID Number: X4 - 83482101-4

EPA Region: EPA HQ - Office of Enforcement & Compliance Assurance

Recipient Name: **Institute for Governance and Sustainable Develop**

(2300 Wisconsin Ave. NW - Suite 300B - Washington, DC 20007)

http://www.igsd.org/about/people_durwoodZaelke.php

President is Durwood Zaelke, climate lawyer, former Sierra Club lawyer. Also Director of the Secretariat for the [International Network for Environmental Compliance & Enforcement](#) (INECE) in Washington, DC and Geneva; and the co-Director and co-founder (with Dr. Oran Young and Matthew Stilwell) of the [Program on Governance for Sustainable Development](#) at the Bren School of Environmental Science & Management, University of California, Santa Barbara.

Award Date: 22/02/2012 Cum Award: **\$1,277,500**

Project Start: 01/10/2010 Project End: 30/09/2015

Provide ongoing financial assistance and technical cooperation in mutually supportive efforts to promote and strengthen environmental compliance and enforcement through the **International Network for Environmental Compliance and Enforcement** (INECE), specifically by supporting the INECE Secretariat.

Management of the INECE Secretariat; Support for regional networks; Support for topical networks; **Strengthening capacity for compliance and enforcement; Environmental compliance and enforcement** indicators; Seaport environmental security; and Environmental governance in Africa.

Project Title: **Market-based Approach-Reducing Greenhouse Gas**

Grant ID Number: XA - 83379901-3

Recipient Name: **Natural Resources Defense Council**

Award Date: 15/07/2011 Cum Award: **\$1,150,123**

Project Start: 01/08/2008 Project End: 31/12/2011

The goal of this work is to create lasting, sustainable change in the market that will result in significant energy savings, reductions in greenhouse gas emissions, and reduced utility bills.

Project Title: **Non-Construction Market**

Grant ID Number: XA - 83600201-0

Recipient Name: **Natural Resources Defense Council**

Award Date: 01/09/2011 Cum Award: **\$353,772**

Project Start: 01/09/2011 Project End: 31/08/2014

This project will use voluntary and market based strategies to realize energy efficiency gains in products and buildings. The long term goal for the work outlined in this work plan is to create lasting, sustainable change in the market resulting in significant energy savings, reductions in greenhouse gas emissions, and reduced utility bills.

Project Title: **Product Lifecycle, Supply Chain Standards & Emissions Management Tools for Climate Protection**

Grant ID Number: XA - 83420601-3

Recipient Name: **World Resources Institute**

Award Date: 26/03/2012 Cum Award: **\$440,000**

Project Start: 01/04/2009 Project End: 31/12/2012

Through establishing partnerships with key public and private sector organizations in the US and internationally, this project will develop the **Greenhouse Gas (GHG) Protocol** product life cycle and supply chain standards, and conduct outreach and capacity building through providing tools, training, and assistance toward improving quantification and management of GHG emissions, reductions, and energy use across the life cycle of products.

WRI will **build capacity and enhance outreach efforts** within the US and internationally, particularly in India, to enable effective measurement and reductions of GHG emissions using internationally recognized, standardized processes.

Project Title: **Taking Renewable Energy to Scale: An Exploration of Corporate and Policy Opportunities**

Grant ID Number: XA - 83420501-2

Recipient Name: **World Resources Institute**

Award Date: 10/03/2011 Cum Award: **\$200,000**

Project Start: 01/04/2009 Project End: 30/06/2011

This project will undertake activities that are designed to remove barriers to renewable energy deployment and design and deliver new models for **long-term penetration of renewables into the marketplace.**

SENIOR ENVIRONMENTAL EMPLOYMENT PROGRAM

(Ten years or so)

National Caucus & Center on Black Aged Inc

\$141,874,427

National Older Worker Career Center

\$278,896,737

Natl Asian Pacific Center on Aging

\$103,022,029

National Association for Hispanic Elderly

\$76,094,930

(Example projects)

Project Title: **Senior Environmental Employment Program Support Services to Region IV - Atlanta**

Grant ID Number: Q - 83505301-6

Recipient Name: **National Caucus & Center on Black Aged Inc**

Award Date: 11/04/2012 Cum Award: **\$1,015,200**

Project Start: 01/06/2011 Project End: 31/05/2014

This cooperative agreement will provide support for Senior Environmental Employment (SEE) Program enrollees to work for Region IV Operations, Atlanta, GA.

Project Title: **Senior Environmental Employment Program for Research Triangle Park NC**

Grant ID Number: Q - 83501801-8

Recipient Name: **National Caucus & Center on Black Aged Inc**

Award Date: 11/04/2012 Cum Award: **\$2,333,702**

Project Start: 01/02/2011 Project End: 31/01/2014

This cooperative agreement will provide support for Senior Environmental Employment (SEE) Program enrollees to work in the National Exposure Research Laboratory and National Center for Environmental Assessment, Office of Research and Development (NERL/NCEA/ORD), RTP, NC.

2 December 2009

South Carolina Clemson University **\$891,000** grant from the US Environmental Protection Agency to study the **safe storage of CO₂** in geological formations located below the earth's surface. The researchers will work with **Stanford's Global Climate and Energy Project**.



*Cover photo of stack of bills
provided by Fotolia.*



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