

DOE 101

Major Program Offices

Doing Business with...

Energy Efficiency and Renewable Energy
Office of Environmental Management
National Nuclear Security Administration
Office of Science



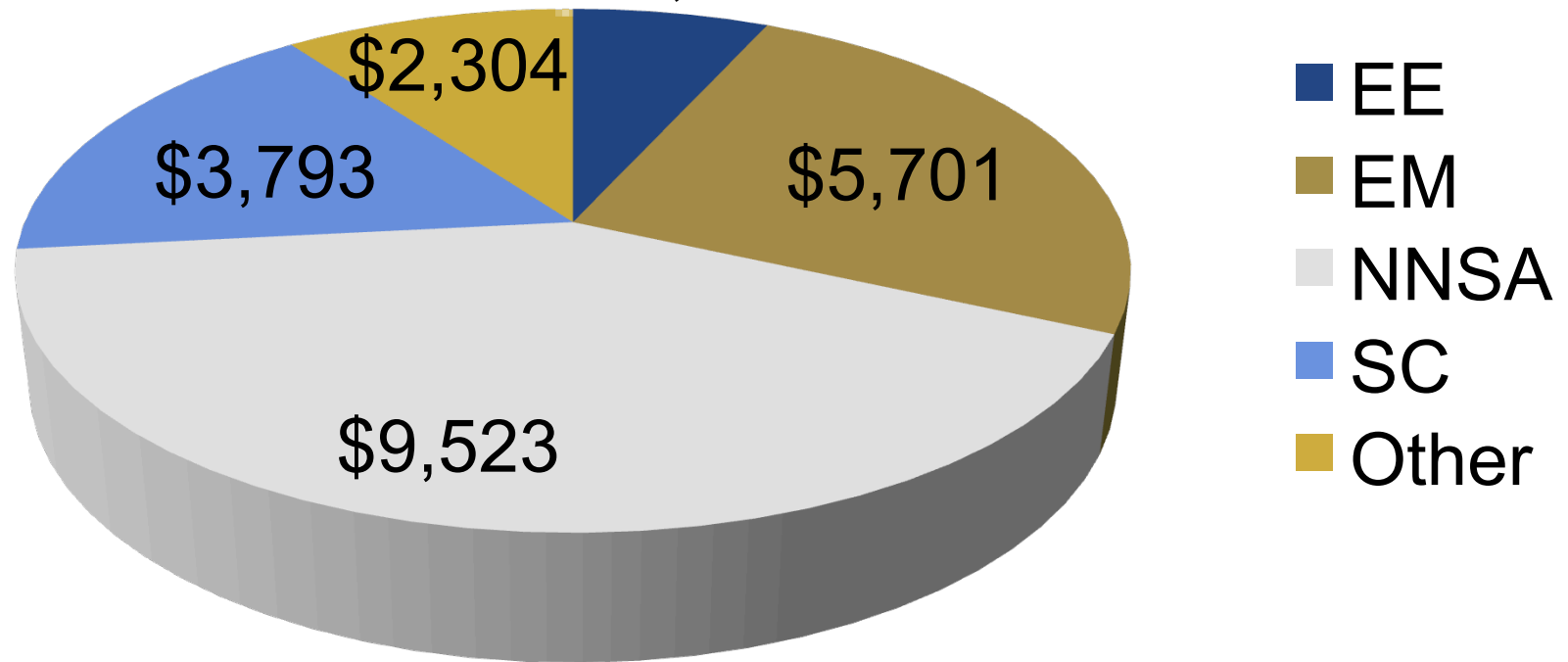
Gary G. Lyttek, Business Source Manager

FY2010 DOE Procurement Base:

\$22.9B

\$'s - Millions

\$1,556





May 2011

Office of Energy Efficiency and Renewable Energy

- The mission and vision of the Office of Energy Efficiency and Renewable Energy (EERE) is to strengthen America's energy security, environmental quality and economic vitality in public-private partnerships that:
 - Enhance energy efficiency and productivity
 - Strengthen America's energy security
 - Bring clean, reliable and affordable energy technologies to the marketplace
 - Make a difference in the everyday lives of Americans by enhancing their energy choices and their quality of life. Reduce the cost and environmental impact of the Federal government by advancing energy efficiency and water conservation, promoting the use of renewable energy and sustainable design, improving utility management decisions at Federal sites
 - Fund R&D activities to develop, demonstrate and deploy energy efficiency and renewable energy technology



Doing Business with Energy Efficiency and Renewable Energy

Our Mission Focus Areas:

ENERGY EFFICIENCY

Building Technologies

Federal Energy Mgmt

Industrial Technologies

Vehicle Technologies

Weatherization & Intergovernmental

Sustainability Performance

RENEWABLE ENERGY

Biomass

Fuel Cell Technologies

Geothermal Technologies

Solar Energy

Wind & Hydropower



Turnetta Cook, Small Business Program Manager (202) 586-8180

U.S. Department of Energy — 12th Annual Small Business Conference & Expo
May 10-12, 2011 - Kansas City, MO

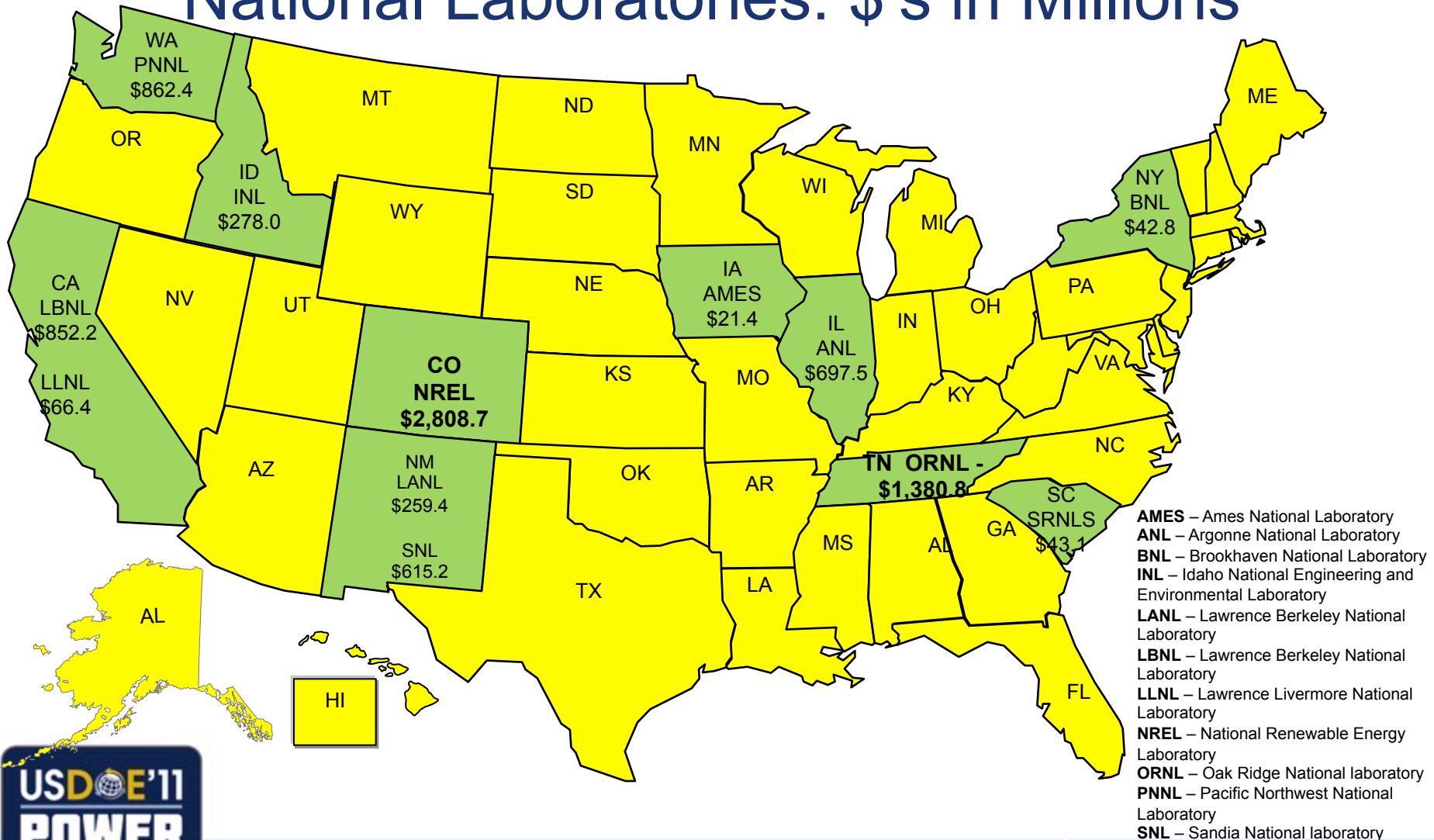


EERE Small Business Policies

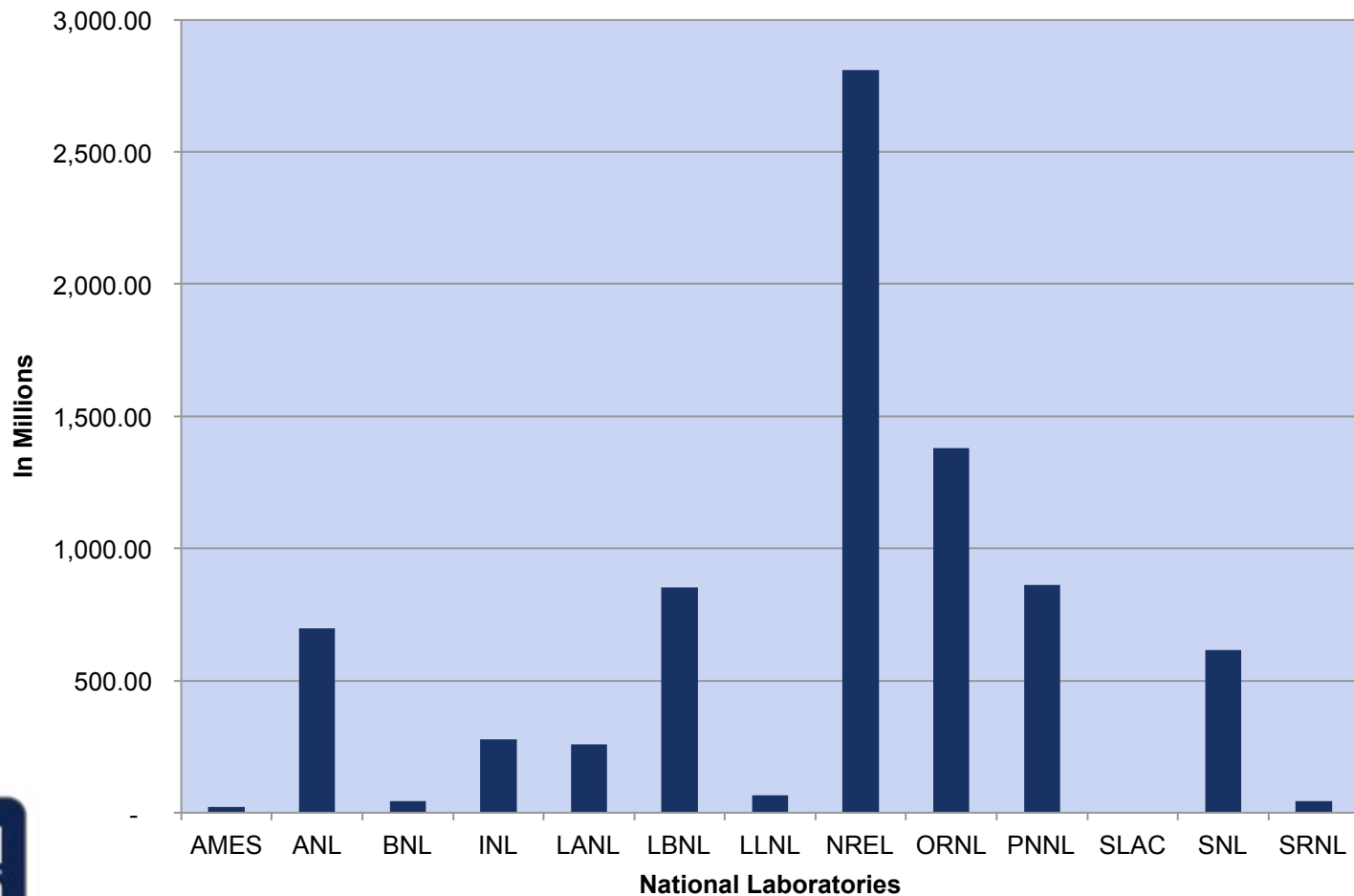
- EERE invests in clean energy technologies that strengthens the economy, protects the environment, and reduces dependence
- EERE is committed to adhering to the socio-economic goals driven by Congress, the Federal Acquisition Regulations, and the Small Business Administration. We are also committed to increasing the use of small business as prime contractors in support of Administration priorities and statutory requirements.
- It is the policy of EERE to seek small businesses from each socio-economic category to assist the organization in achieving its goals.



EERE FY2010 FUNDING To National Laboratories: \$'s in Millions



Labs Funded by EERE



Did You Know...

ANNUAL OPPORTUNITIES: \$2.1 BILLION

Acquisition (Contracts)

National Laboratories – R&D \$1.2 Billion
Industry – Technical Services \$80 Million

Financial Assistance (Grants/Cooperative Agreements)

Field Offices (Golden Field Office & NETL) – Over \$800M
([http://www1.eere.energy.gov/financing/.](http://www1.eere.energy.gov/financing/))

Doubled Awards to Small Businesses and other Socio-Economic Businesses



Biomass Research and Development Initiative (BRDI) (DE- FOA-0000510)

• Scope of Work

Applicants seeking funding under this FOA must propose a project that integrates three legislatively mandated technical areas:*

1. Feedstocks development,
2. Biofuels and biobased products development, and
3. Biofuels and biobased products development analysis.

The intent of requiring integration is to encourage a collaborative problem-solving approach to all studies funded under BRDI, to facilitate formation of consortia, identify and address knowledge gaps, and accelerate the application of science and engineering for the production of sustainable biofuels, bioenergy, and biobased products.



• Estimated Value: \$5M

FOA Open Date	Industry Proposal Due	Award
4/15/2011	Pre-Application: 5/31/2011 Invited Full Application: 10/04/2011	2/1/2012 (est.)

Subject to change as determined by the Contracting Officer.



Clean Cities Community Readiness and Planning for Plug-in Electric Vehicles and Charging Infrastructure

• Scope of Work

This FOA (DE-FOA-0000451) will fund a pilot program to stimulate community-based electric vehicle infrastructure readiness planning and implementation activities in anticipation of larger electric vehicle deployment efforts in the future. The following technical criteria must be met for the application to be considered technically responsive to this announcement:

1. Projects shall include planning, and wherever possible, policy implementation and execution of planning elements for plug-in electric vehicles and charging infrastructure. Projects for fuels other than electricity will not be considered.
2. Plans must address infrastructure deployment plans for light, medium, and/or heavy duty plug-in electric vehicles (including extended range electric vehicles) .
3. Funds may not be used for the purchase and/or installation of any fueling infrastructure.

• Estimated Value: \$5M

FOA Open Date	Industry Proposal Due	Award
4/19/2011	Letter of Intent (Optional): 5/16/2011 Full Application: 6/13/2011	9/30/2011 (est.)

Subject to change as determined by the Contracting Officer.



EERE HQ CONTRACT FORECAST

- **Management Support Services**
 - SOW: TBD
 - Valued at \$50-\$100 Million over 5 Years
 - Expected RFP Release Date (June – August 2011)



Turnetta Cook, Small Business Program Manager (202) 586-8180

Subject to change as determined by the Contracting Officer.



EM Mission:

Under the leadership of Dr. Ines Triay, the Office of Environmental Management (EM) has embarked on a Journey to Excellence “ ... to complete the safe cleanup of the environmental legacy brought about from five decades of nuclear weapons development and government-sponsored nuclear energy research.”

EM Vision:

EM completes quality work safely, on schedule and within cost, and delivers demonstrated value to the American taxpayer.



EM Small Business Policy

It is the policy of the Office of Environmental Management to maximize the inclusion of small businesses including Small Disadvantaged business, women, service disabled veterans, Historically Under-utilized Business Zones and the 8(a) Business development program in contracts to support EM's core mission.

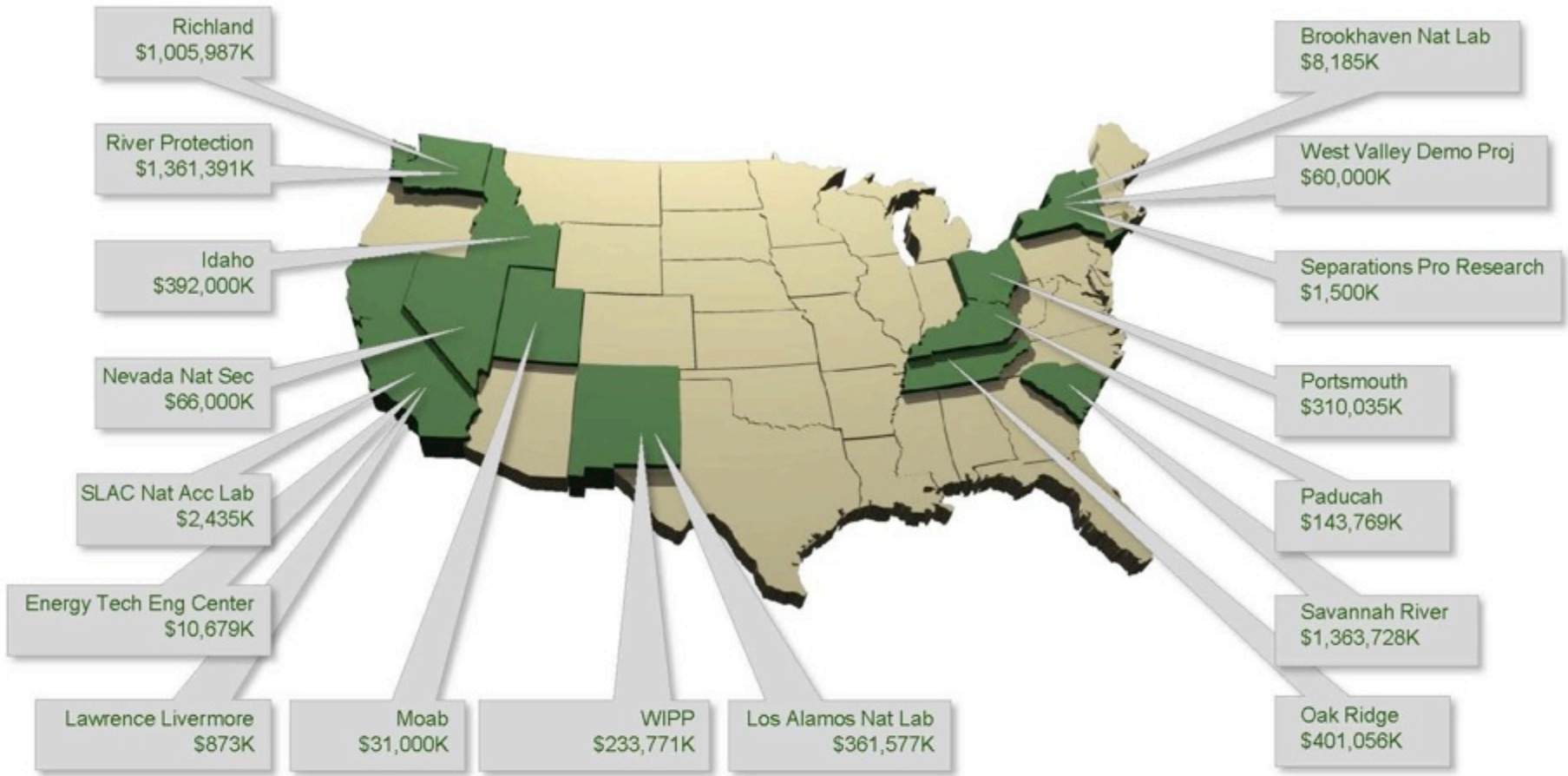
EM Small Business Goals:

- Establish a best-in-class small business program
- Achieve established small business goals
- Engage the small business community in identifying ways to accomplish EM work scopes



FY 2012 Projected Funding

EM Annual Budget averages \$6.0 Billion

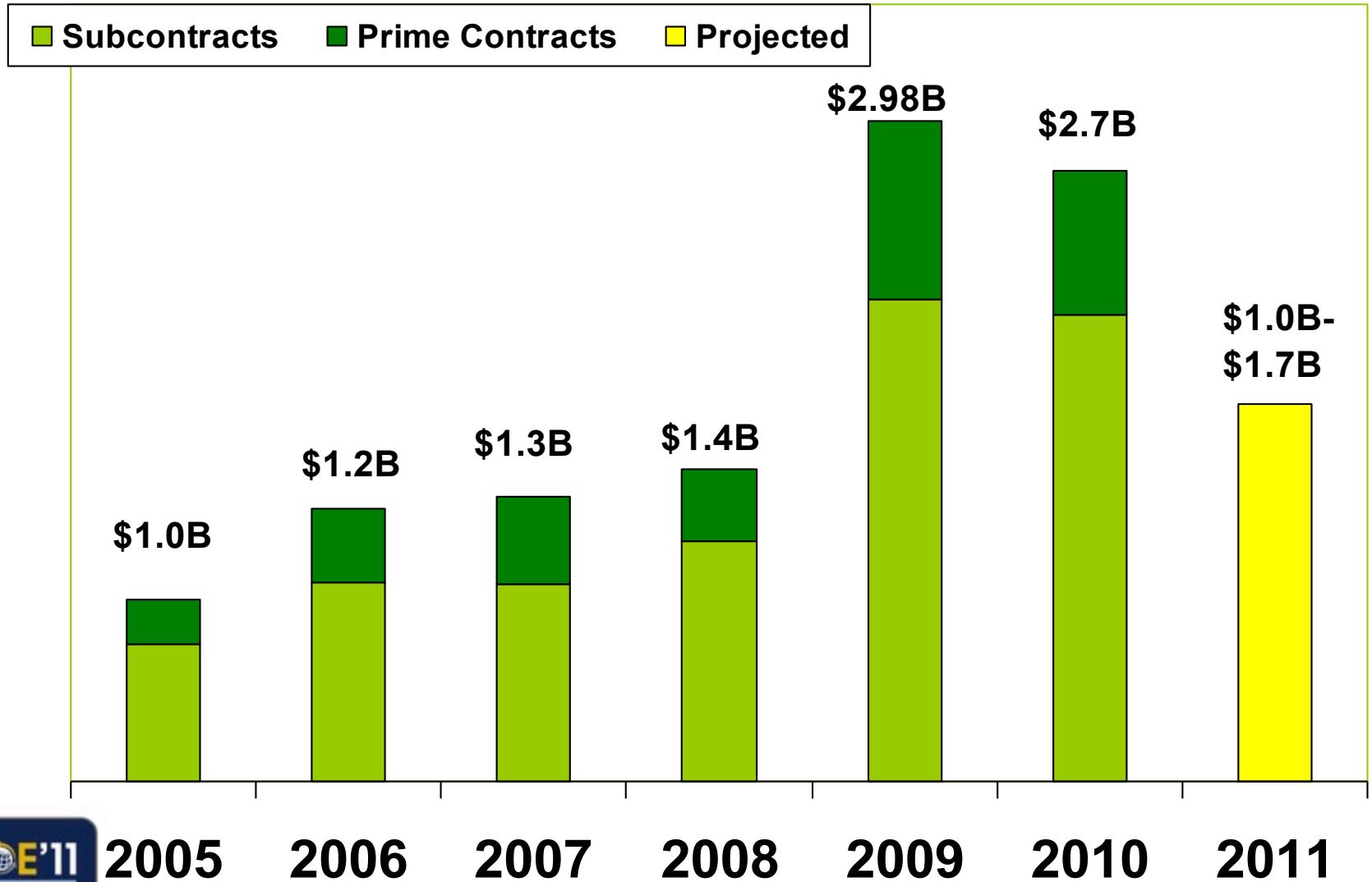


EM Environmental Management

safety ♦ performance ♦ cleanup ♦ closure

www.em.doe.gov

EM Total Small Business Funding



Did You Know...

- In FY 2010, **64 percent** of the contracts EM awarded went to small business firms.
- Total value of small business contracts awarded in FY 2010 is **\$1.7 billion**.
- In FY 2010 EM provided **36 percent** of the Department's total small business prime contract funding.



EM FY 2010 Contract Awards

• Oak Ridge Transuranic Waste Processing Center**	10/09	\$160M
• Paducah Infrastructure Support Services**	11/09	\$75M
• ORP Laboratory Analytical Services (222-S Lab)**	11/09	\$48M
• Portsmouth Facility Support Services	12/09	\$42M
• Savannah River Security Services	10/09	\$989M
• Idaho Advanced Mixed Waste Treatment Project*	03/10	\$592M
• Oak Ridge Hot Cell Deactivation, Demolition and Disposition**	03/10	\$50M
• Oak Ridge Building K-33 Demolition**	04/10	\$51M
• Paducah Remediation**	04/10	\$285M
• Carlsbad Technical Assistance**	07/10	\$30M
• Portsmouth Decontamination and Decommissioning	08/10	\$2.1B
• Indefinite Delivery /Indefinite Quantity Small Business Set Aside Contracts**	09/10	\$926M
• DUF6	12/10	\$428M

*Contract Protested

**Small Business Awards

Small Businesses
Received
over \$1.7B
in
Contract Award Value!



Pending/Upcoming Contract Awards

Pending (Proposals being evaluated):

	Projected Award*
Oak Ridge Closure for Reindustrialization (D&D, Clean-up & Remediation)	Apr-June, 2011
West Valley Environmental Cleanup	Jul-Sep, 2011
Moab Remedial Action/Environmental Cleanup	Oct-Dec, 2011
Carlsbad TRU Waste Transport	Oct-Dec, 2011

Upcoming (Final RFP not yet released):

Carlsbad Management and Operating Contract 2012	Apr-June,
LLW/MLLW Disposal 2012	Apr-June,
Idaho Environmental Cleanup 2012	Apr-June,
Hanford Occupational Medical Services 2012	Apr-June,



EM Small Business POC's

Headquarters:

Kay Rash, (202) 586-5420; kay.rash@em.doe.gov

EM Consolidated Business Center:

Karen Bahan (513) 246-0555; karen.bahan@emcbc.gov

Office of River Protection:

Susan Johnson, (509) 373-7914;
susan_c_johnson@orp.doe.gov

Richland Operations Office

Sally Sieracki, (509) 376-8948; sally_a_sieracki@rl.gov

Savannah River Operations Office:

Parodio Maith, (803) 952-9487; parodio.maith@srs.gov

Idaho Operations Office:

Maria Mitchell, (208) 526-8600; mitchemm@id.doe.gov

Oak Ridge Operations Office:

Freda Hopper, (865) 576-9430; hopperfh@or.doe.gov



National Nuclear Security Administration



Our Mission

“...strengthening United States’ security through the military application of nuclear energy and by reducing the global threat from terrorism and weapons of mass destruction...”

Focus Area

“Reduce Nuclear Dangers by securing all vulnerable nuclear materials worldwide ... and strengthening the nonproliferation regime”

Our Vision

Provide NNSA’s programs with only the highest quality, technically superior, and competitively-priced small business suppliers.



NNSA Small Business Policies

- Administrator Commitment Letter (dated Dec. 2009)

“...I expect each component of the Administration to actively and enthusiastically support these [small business] programs and initiatives...”

“...I challenge each program...(both M&O and non-M&O) to develop, test, and share new and productive ways to expand opportunities for...small business...”

- NNSA Policy

“... To meet the Secretary’s and NNSA’s small business contracting objectives, ... we will reserve for small business all new NNSA non-management and operating (M&O) contract requirements, as well as all expiring NNSA non-M&O contracts where the requirement continues.” NNSA Small Business Policy BOP 003-0305R



NNSA's Sites

FY'11 Funding

\$10.62B



NNSA Site Funding Estimates - FY 2012 Congressional Budget

(\$ in thousands)

	FY 2010 Actual Approp	FY 2011 Request	FY 2012 Request	\$ Change	% Change
Los Alamos National Laboratory	1,524.6	1,867.8	1,827.2	-40.6	-2.2
Lawrence Livermore National Laboratory	1,081.2	1,134.7	1,176.3	41.6	3.7
Sandia National Laboratories	1,172.3	1,309.7	1,427.1	117.4	9.0
Nevada National Security Site	264.0	252.2	287.1	34.9	13.8
Kansas City Plant	433.2	535.4	548.1	12.7	2.4
Y-12 National Security Complex	944.8	911.9	1,058.3	146.4	16.1
Pantex Plant	555.7	538.9	649.4	110.5	20.5
Savannah River Site	958.2	1,070.2	1,022.0	-48.2	-4.5
Headquarters	465.9	736.8	953.3	216.5	29.4



Did You Know...

- Semi-Autonomous Organization
- Unique Procurement Authority
- Management & Operating Contractors (M&O's) fulfill mission work
- FY 2010 Procurement Base: \$9.5 billion
- FY 2010 Federal Small Business Obligations: \$396 million
- FY 2010 M&O Small Business Obligations: \$2 billion (>50%)
- > 85% of new Federal Prime awards went to Small Business



• 92% of the Ultimate Award Value

Enterprise-wide Technical Support Services BPAs (NA001-12-0002)

SOW: Contractors will provide technical, programmatic and engineering support services for organizational units within both DOE and NNSA. Task areas include program management support, nuclear engineering subject matter expertise and analytical support, training support, security management support, contingency planning support, aviation operations support, and environmental management.

Set-aside Type: Possible GSA Schedule – Small Business focused

Special Requirements/Conditions: Ability to obtain Q clearance

NAICS Code: Multiple, TBD

Dollar Value: in excess of **\$200M**

Term: Multiple BPAs for 5 years

RFP/RFQ Target Issuance: 3rd or 4th Qtr FY11

Forecasted Award Date: 1st or 2nd Qtr FY12

Contact: Catherine Waters, email: cwaters@doeal.gov (505) 845-6478

Web link: none currently available

Subject to change as determined by the Contracting Officer.



Enterprise-wide Administrative Support Services BPAs (# TBD)

SOW: Contractors will provide administrative, management, and general office support services for organizational units within both DOE and NNSA. Task areas include project management support, contract support, public affairs support, logistics support, etc.

Set-aside Type: TBD (GSA Schedule, multiple IDIQ)

Special Requirements/Conditions: Ability to obtain Q clearance (some areas)

NAICS Code: TBD – Could be multiple

Dollar Value: in excess of **\$200M**

Term: Expected 5 year term

RFP/RFQ Target Issuance: 2nd Qtr FY12

Forecasted Award Date: 4th Qtr FY12

Contact: Gary Lyttek, email: gary.lyttek@nnsa.doe.gov (202) 586-8304

Web link: none currently available



Subject to change as determined by the Contracting Officer.

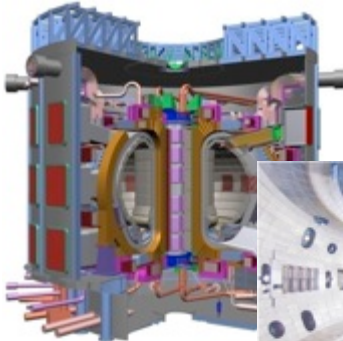


Opportunities with the Office of Science: Science for Energy

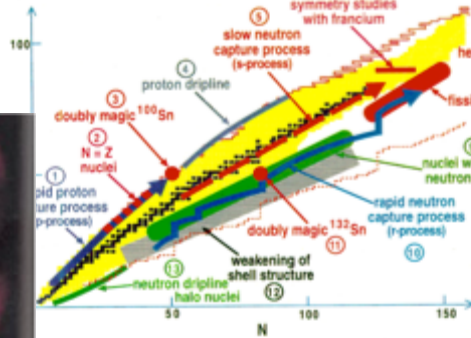
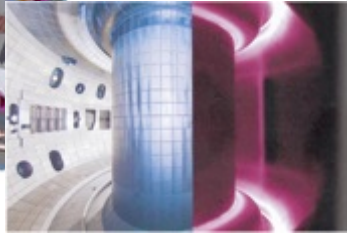
<http://www.science.energy.gov>



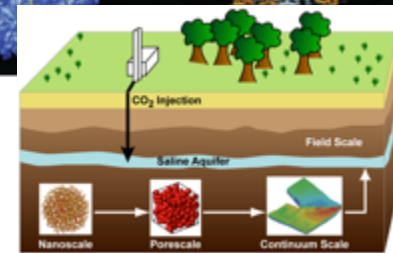
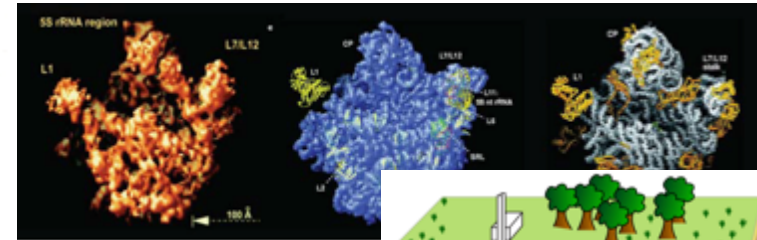
Advanced Computing



Fusion



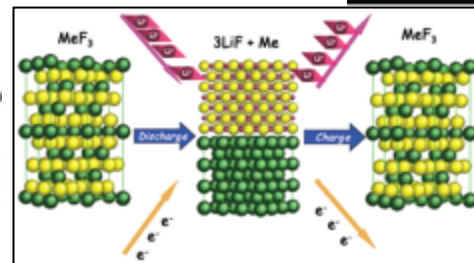
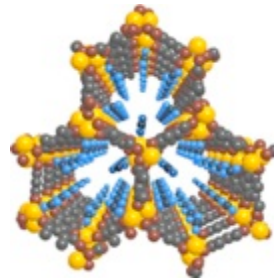
Nuclear Physics



Biological & Environmental Science



High Energy Physics



Materials and Chemical Science



David E. Koegel, Small Business Program Manager, Office of Science,

David.Koegel@science.doe.gov

U.S. Department of Energy — 12th Annual Small Business Conference & Expo
May 10-12, 2011 - Kansas City, MO



U. S. Department of Energy Mission/Vision

Science

1. Advancing the Nation's Economic and Energy Security
2. Promoting Scientific and Technological Innovation
3. Ensuring the Environmental Clean-Up of the National Nuclear Weapons Complex



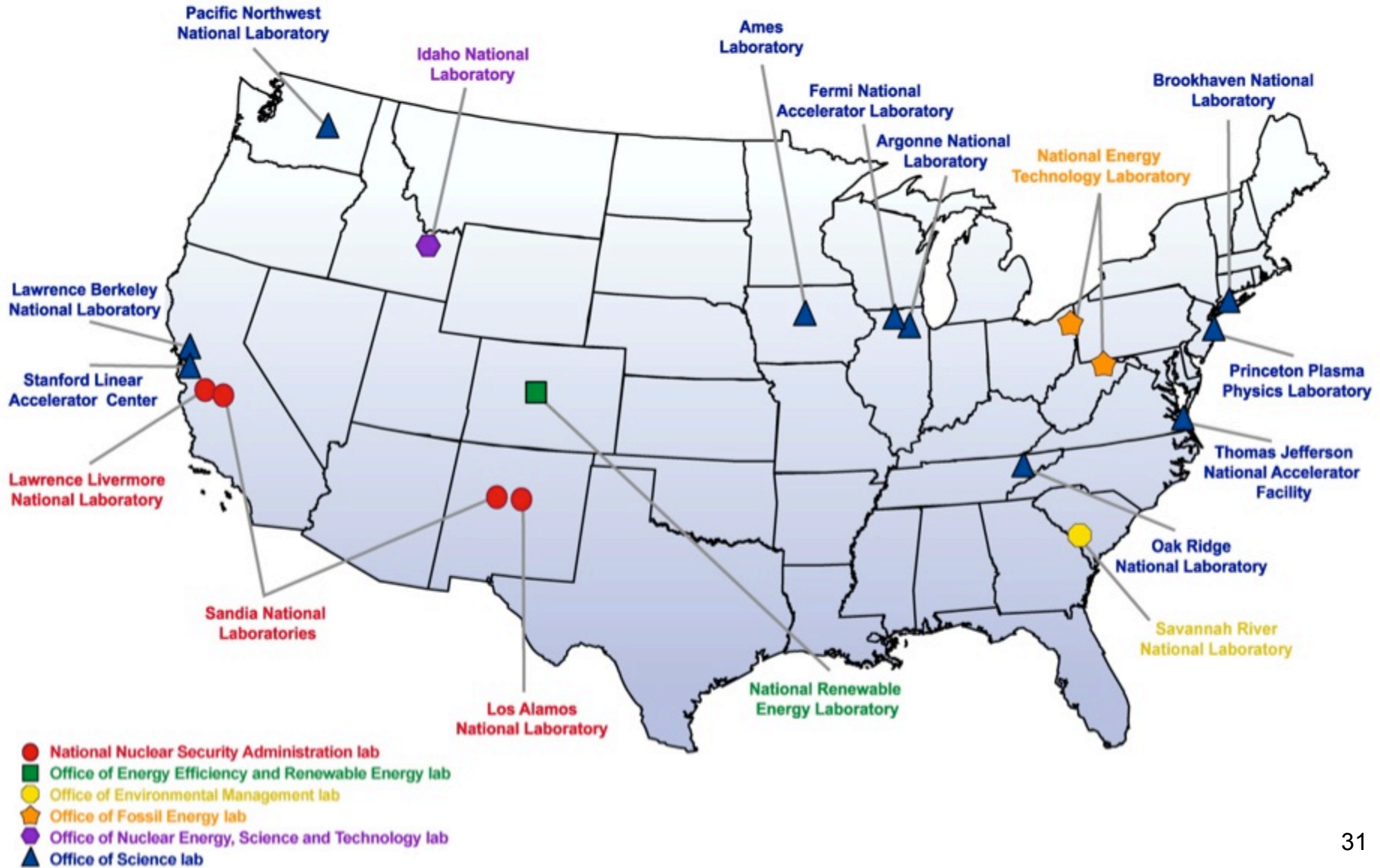
What's the Office of Science Do?

- Focus on basic science for *discovery, innovation, and national need*.
- Research programs span **chemistry**, **materials science**, **biology**, **climate and environmental sciences**, **applied mathematics**, **computer science**, **high energy physics**, **nuclear physics**, **plasma physics**, **fusion energy** and more.
- Provide state-of-the-art open-access R&D user facilities—used by more than 18,000 researchers from universities, other government agencies, and private industry each year.
- Stewards 10 of the 17 DOE national laboratories.



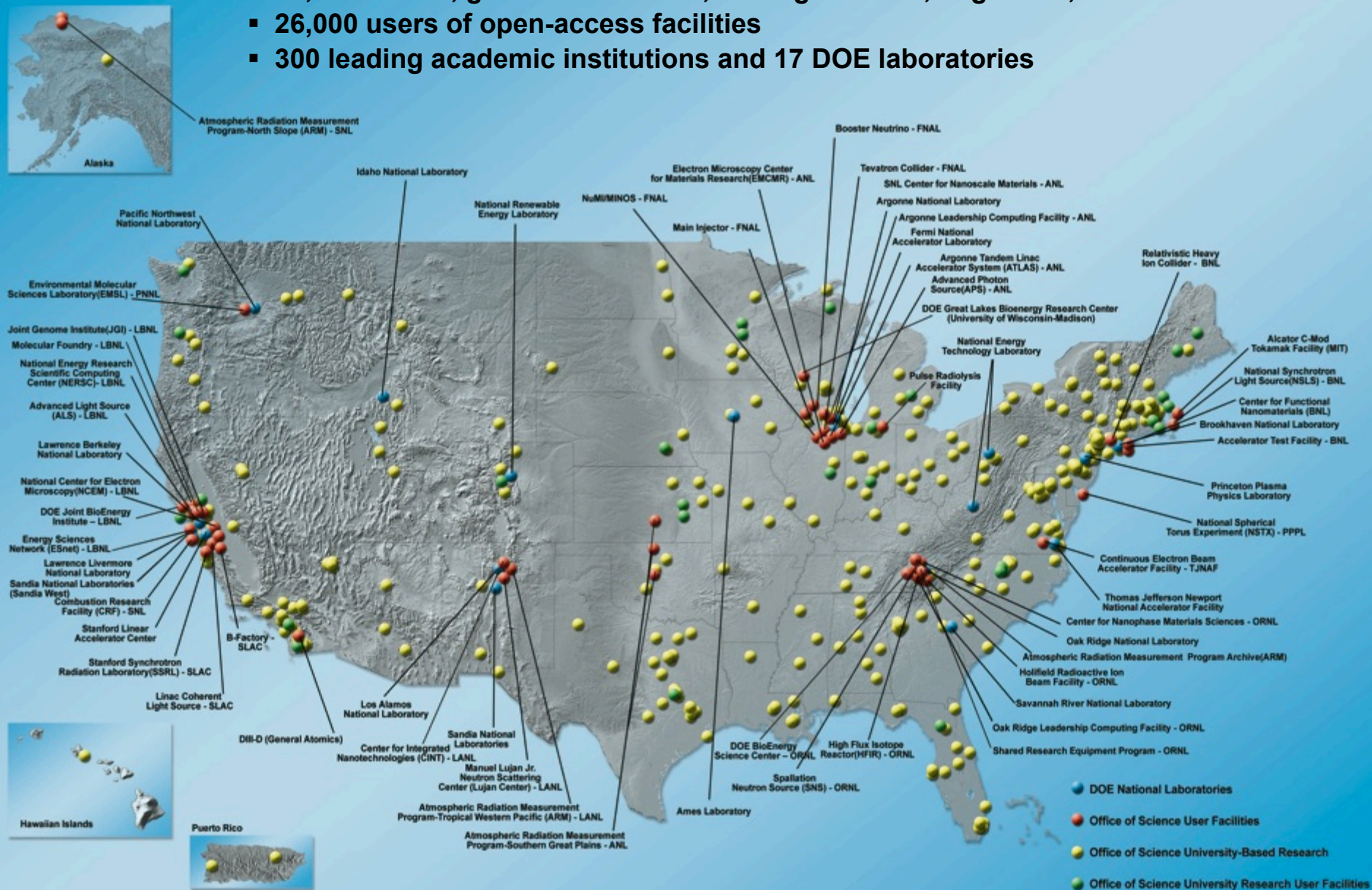


DEPARTMENT OF ENERGY NATIONAL LABORATORIES



DOE Office of Science Facilities and Universities Supported

- 27,000 Ph.D.s, graduate students, undergraduates, engineers, and technicians
- 26,000 users of open-access facilities
- 300 leading academic institutions and 17 DOE laboratories



Scientific User Facilities:

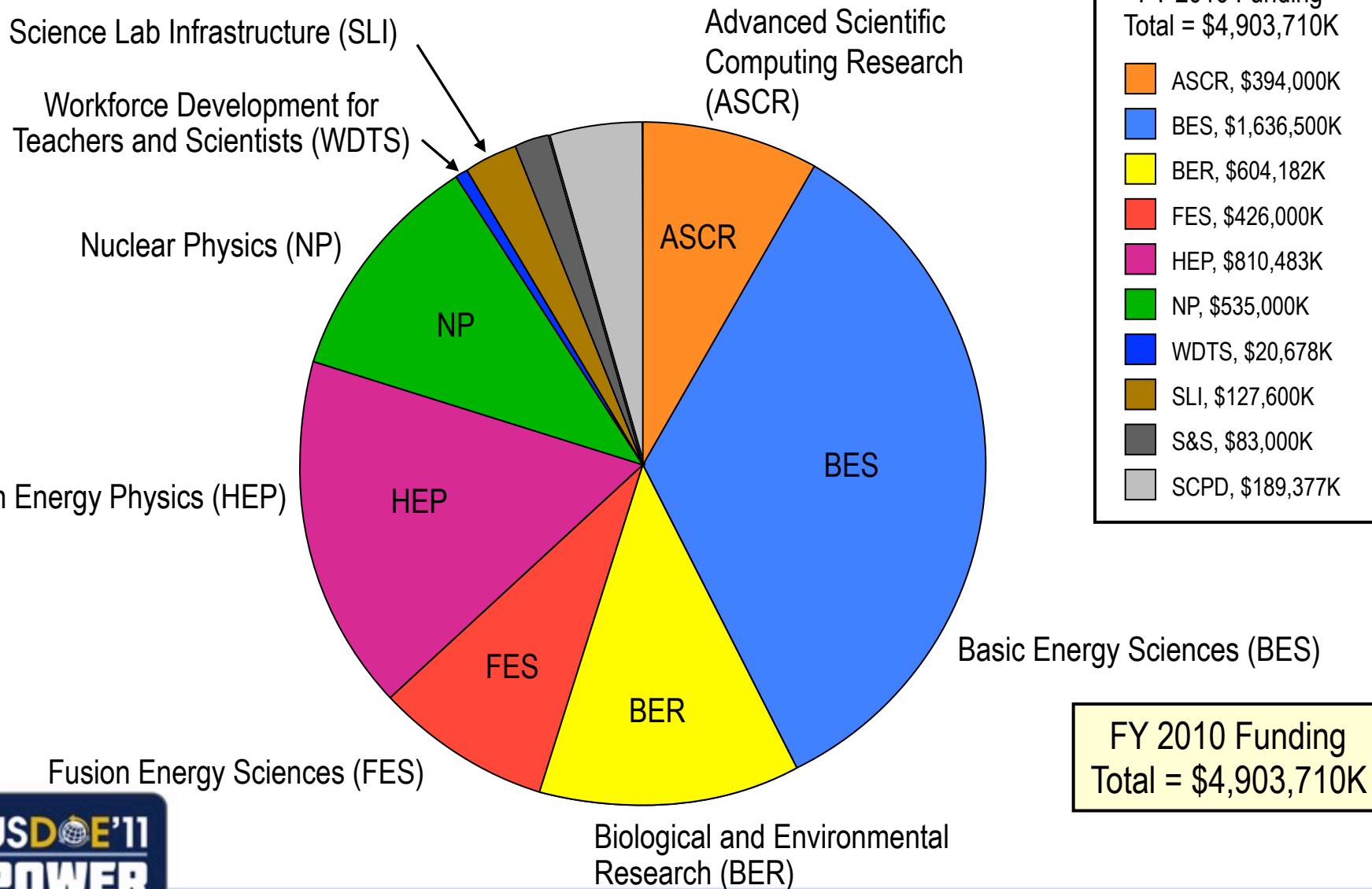
You share your results, it's just about free

- Advanced computational resources – terascale to petascale computing and networks for open science
- Four synchrotron light sources, and two next-generation light sources in construction
- Three neutron sources for scattering
- Particle accelerators/colliders/detectors for high energy and nuclear physics
- Fusion/plasma facilities, including ITER which seeks to demonstrate a burning plasma
- Five Nanoscale Science Research Centers – capabilities for fabrication and characterization of materials at the nanoscale
- Joint Genome Institute for rapid whole genome sequencing
- Environmental Molecular Science Laboratory – experimental and computational resources for environmental molecular sciences
- Atmospheric and Environmental Facilities – capabilities for cloud and aerosol measurement and for carbon cycling measurements



Office of Science Programs

(FY 2010 Appropriation)



FY 2010 Funding
Total = \$4,903,710K



Office of Science Small Business Commitment



Department of Energy
Office of Science
Washington, DC 20585

April 11, 2011

MEMORANDUM FOR ASSOCIATE DIRECTORS AND SITE OFFICE MANAGERS

FROM: PATRICIA M. DEHMER *Patricia M. Dehmer*
DEPUTY DIRECTOR FOR SCIENCE PROGRAMS

GEORGE J. MALOSH *George J. Malosh*
DEPUTY DIRECTOR FOR FIELD OPERATIONS

SUBJECT: White House Small Business Procurement Group Initiatives

On January 13, Deputy Secretary Daniel B. Poneman tasked all DOE organizational heads to support initiatives related to increasing business opportunities for small businesses. Bill Valdez, Acting Director of Economic Impact and Diversity, is leading this effort for the Department. Please see attached memos for additional details.

To support these efforts, the Office of Science has undertaken several activities, including a review of all Headquarters contracts for appropriate small business opportunities, participation in the Office of Economic Impact and Diversity's Business Opportunity Sessions, and arranging for the Under Secretary for Science to speak at the National SBIR/STTR Conference in Madison, WI.

Please remember the importance of engaging small businesses in the activities of your programs and offices, and support these activities when possible.

April 11, 2011:

“ ... remember the importance of engaging small businesses in the activities of your programs and offices, and support these activities”

Office of Science Laboratory Subcontracting Achievements

... about 1/2 goes to the small business world,
and almost of it is done by the labs (not by HQ)
(FY 2009)

Office of Science Laboratory

Ames Laboratory

Argonne National Laboratory

Brookhaven National Laboratory

Fermi National Accelerator Facility

Lawrence Berkeley National Lab

Oak Ridge National Laboratory

Pacific Northwest National
Laboratory

Princeton Plasma Physics Laboratory

SLAC National Laboratory

Thom Jeff Nat Acc'l Facility -- J-Lab

Office of Science Subcontracting to SB Achievements

	Total		Large Business		Small Business	
Ames Laboratory	\$5,317,313	100%	\$2,491,472	46.9%	\$2,825,841	53.1%
Argonne National Laboratory	\$204,581,931	100%	\$100,178,519	49.0%	\$104,403,412	51.0%
Brookhaven National Laboratory	\$219,241,759	100%	\$104,949,473	47.9%	\$114,292,286	52.1%
Fermi National Accelerator Facility	\$106,584,000	100%	\$50,363,000	47.3%	\$56,221,000	52.7%
Lawrence Berkeley National Lab	\$295,256,754	100%	\$130,300,444	44.1%	\$164,956,310	55.9%
Oak Ridge National Laboratory	\$518,513,959	100%	\$261,114,427	50.4%	\$257,399,532	49.6%
Pacific Northwest National Laboratory	\$431,956,571	100%	\$262,405,244	60.7%	\$169,551,327	39.3%
Princeton Plasma Physics Laboratory	\$17,802,817	100%	\$8,204,231	46.1%	\$9,598,586	53.9%
SLAC National Laboratory	\$159,609,000	100%	\$85,340,000	53.5%	\$74,269,000	46.5%
Thom Jeff Nat Acc'l Facility -- J-Lab	\$83,984,359	100%	\$54,194,249	64.5%	\$29,790,110	35.5%
	\$2,042,848,463	100%	\$1,059,541,059	51.9%	\$983,307,404	48.1%



Office of Science Small Business PMs – Your Source for Opportunities

<p>❖ Ames Laboratory <u>Lisa Rodgers</u> Small Business Program Manager W: (515) 294-4191 F: (515) 294-6166 rodgers@ameslab.gov</p>	<p>❖ Lawrence Berkeley National Laboratory <u>David Chen</u> Small Business Program Manager W: (510) 486-4506 F: (510) 486-4380 dtchen@lbl.gov</p>	<p>❖ SLAC National Accelerator Laboratory <u>Alan R. Kong</u> Small Business Program Manager W: (650) 926-4138 F: (650) 926-3567 akong@slac.stanford.edu</p>
<p>❖ Argonne National Laboratory <u>Karl Duke</u> Small Business Liaison Officer W: (630) 252-8842 F: (630) 252-4517 sblo@anl.gov</p>	<p>❖ Oak Ridge National Laboratory <u>Cassandra McGee Stuart</u> Socio Economic Programs Officer W: (865) 576-3560 F: (865) 576-0096 mcgeecm@ornl.gov</p>	<p>❖ Thomas Jefferson National Accelerator Facility <u>Danny Lloyd</u> Small Business Program Manager W: (757) 269-7121 F: (757) 269-7057 lloyd@jlab.org</p>
<p>❖ Brookhaven National Laboratory <u>Jill Clough-Johnston</u> Small Business Liaison Officer W: (631) 344-3173 F: (631) 344-5499 clough@bnl.gov</p>	<p>❖ Pacific Northwest National Laboratory <u>Kerry T. Cullerton</u> Small Business Program Manager W: (509) 371-7526 F: (509) 371-7536 kerry.cullerton@pnl.gov</p>	<p>Chicago Operations Office <i>Larry Thompson (630) 252-2711</i></p>
<p>❖ Fermi National Accelerator Laboratory <u>Joe Collins</u> Small Business Program Manager W: (630) 840-4169 F: (630) 940-2457 jcollins@fnal.gov</p>	<p>❖ Princeton Plasma Physics Laboratory <u>Arlene White</u> Small Business Program Manager W: (609) 243-2080 F: (609) 243-2021 awhite@pppl.gov</p>	<p>Oak Ridge Operations Office <i>Freda Hopper (865) 576-9430</i></p>



So, Remember...

- **EE**
 - Grants offer you the best opportunities & are available
- **EM**
 - Many Prime Environmental cleanup requirements at multiple sites across the country
- **NNSA**
 - Great prime opportunities @ high dollar amounts ... teaming required
- **SC**
 - Almost no prime opportunities...laboratory subcontracting is your best bet and there are extensive opportunities

