

USSSP POTAS Coordinators Meeting

*JW Marriott Desert Springs
Palm Desert, CA
5:30 – 6:30 PM*

*Ray Diaz, International Safeguards Project Office
Brookhaven National Laboratory – July 15, 2013*

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Outline

- ISPO Organization Chart
- SSTS - Subgroup on Safeguards Technical Support
- IAEA – Initiator of Requests to the USSP
- How the USSP Processes IAEA Requests
- USSP Strategic Objectives and Work Funded
- POTAS Funding History
- Recruitment for IAEA Safeguards Positions
- Electronic Country Clearance (eCC)
- POTAS Communication Guidelines
- ISPO website: www.bnl.gov/ispo
- Lab/Contractor Feedback/Questions

Brookhaven National Laboratory

Safeguards Verification Implementation Group

Susan Pepper Group Leader

Michele Rabatin

Administrative Support



International Safeguards Project Office

Raymond Diaz Project Office Head

BNL

James Disser	(Task Monitor)
Jae Jo	(Task Monitor)
Al Queirolo	(Task Monitor)
Josh Tackentien	(Task Monitor)
Phil Beuparlant	(Senior Staff Contract Specialist)
Laura MacArthur	(Project Planner)
Michele Rabatin	(Administrative Support)
Tanya Collins	(Recruitment Specialist)
Deborah Johnson	(Financial Specialist)

VIENNA

Barbara Hoffheins	(Liaison Officer)
Amy Amenu-Zotter	(Contractor - Support Program Mgr.)

Subgroup on Safeguards Technical Support (SSTS)

- Oversight of the U.S. Support Program
- Determines USSP POTAS funding decisions for IAEA requests

SSTS Members:

1. Chair: **Kevin Veal**, Department of Energy (David Peranteau – alternate)
2. Department of State, **Robert Cockerham** (Peter Sprunger - alternate)
3. Department of Defense: **Lt. Col. Robin Orth**, (James Killian & William Howe - alternates)
4. Nuclear Regulatory Commission: **Santiago Aguilar and Eric Freeman**

POTAS US Laboratory Coordinators

ANL (Argonne National Laboratory) –	Peter Heine
BNL (Brookhaven National Laboratory) –	Colin Carroll
INL (Idaho National Laboratory) –	Jeff Sanders
KCP (Kansas City Plant) –	Douglas Byron
LANL (Los Alamos National Laboratory) –	Peter Santi
LLNL (Lawrence Livermore National Laboratory) –	Young Ham
NBL (New Brunswick National Laboratory) –	Peter Mason
ORNL (Oak Ridge National Laboratory) –	Michael Whitaker
PNNL (Pacific Northwest National Laboratory) –	Hal Udem
PTH (Protection Technology Hanford) –	Steven Schlegel
SNL (Sandia National Laboratories) –	George Baldwin
SRNL (Savannah River National Laboratory) –	Lindsay Sexton
STL (Special Technologies Laboratory) –	Steve Koppenjan

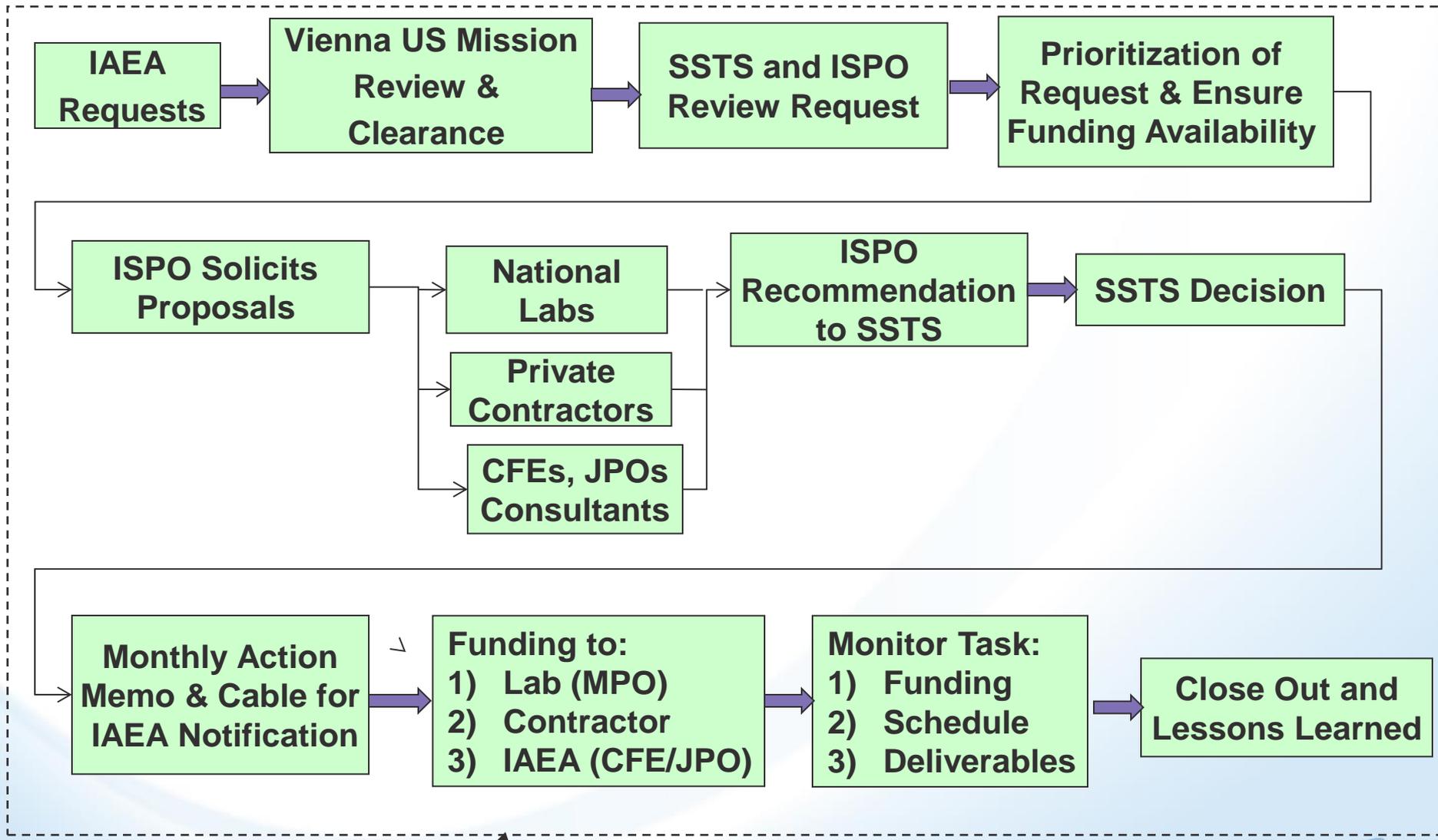
IAEA Nuclear Safeguards Division



IAEA Inspectorate

Initiate Requests to USSP

How the USSSP Processes IAEA Requests



ISPO Management of IAEA Requests

- **IAEA Outstanding Request List (ORL):**
 - List of all pending IAEA requests including SP-1's, CFE/JPO, and Letter Requests
 - Review, prioritize and update ORL weekly
- **Monthly POTAS Action Memo**
 - Lists all POTAS funding approvals for the month
 - SP-1 decisions are documented in an Action Cable to the IAEA
 - Letter request decisions are documented in Notification Letters to the IAEA
- **Monthly POTAS Funding Forecast:**
 - Used to prioritize new requests, recurring tasks, and travel support requests (ex: Training Courses, CFE/JPO extensions)
 - USSP funding is not sufficient to fund all IAEA requests, hence the importance of IAEA prioritization
 - Reviewed and updated each month after preparation of monthly Action Memo

USSSP Strategic Objectives

Used to assist in prioritizing IAEA requests (listed in random order)

- **Training:** Ensure IAEA staff have the necessary expertise
- **Tools:** Ensure the IAEA has the necessary tools to implement safeguards verification
- **Concepts and Approaches:** Help the IAEA develop effective safeguards approaches
- **Information Management and Security:** Equip the IAEA to acquire, analyze, and manage information securely
- **Human Resources:** Place highly qualified personnel in IAEA positions
- **Quality Management:** Promote a culture of QM improvement at the IAEA
- **Communication:** Improve communications practices between IAEA and its stakeholders

USSP FY 12 Annual POTAS Budget: \$15.0 Million

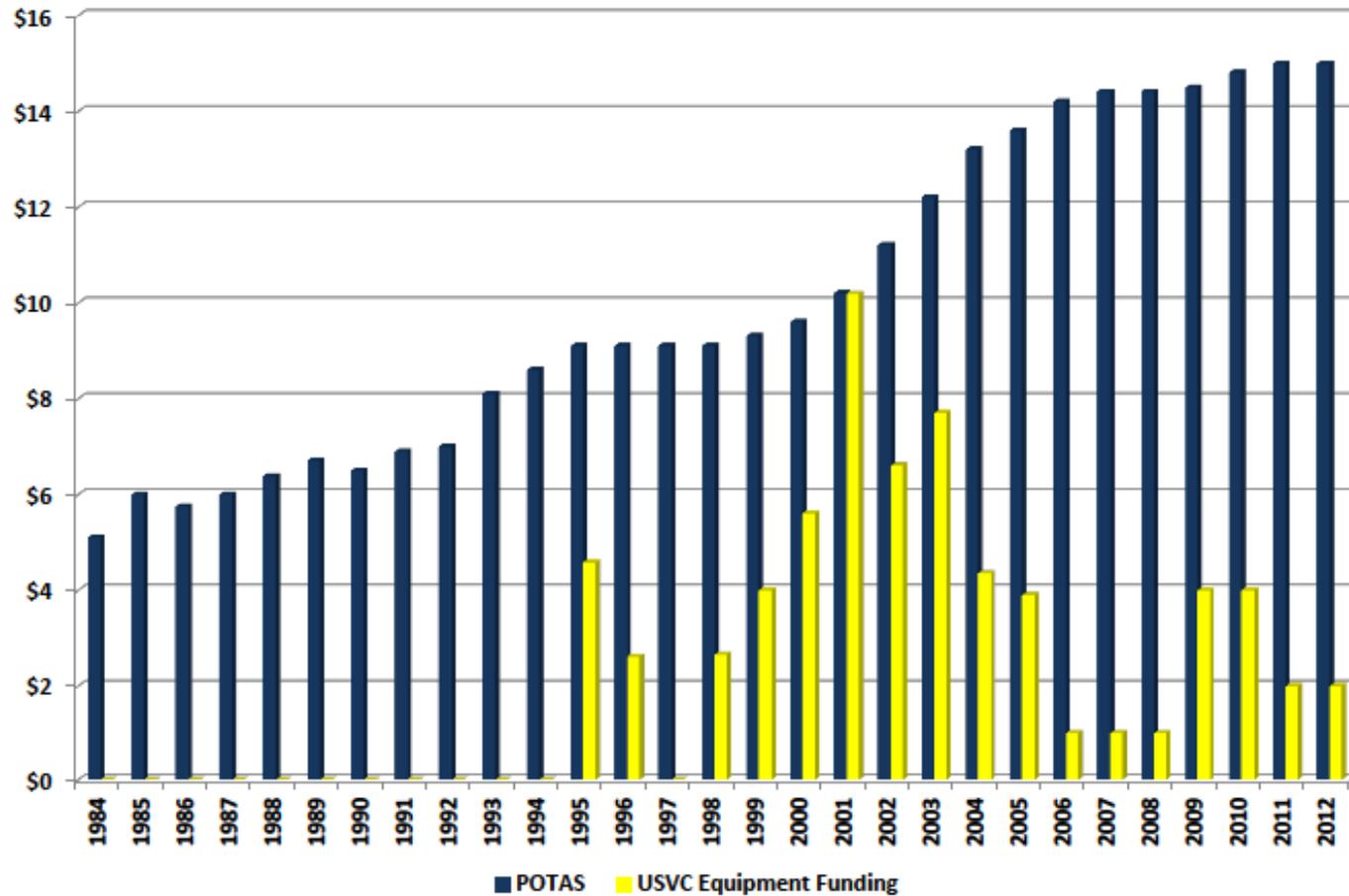
Currently over 100 active tasks in:

- Training
- CFEs (20) and JPOs (5)
- Consultants (ex: Open Source)
- Destructive Analysis & Environmental Sampling
- Concepts and Approaches
- Equipment and Software Development

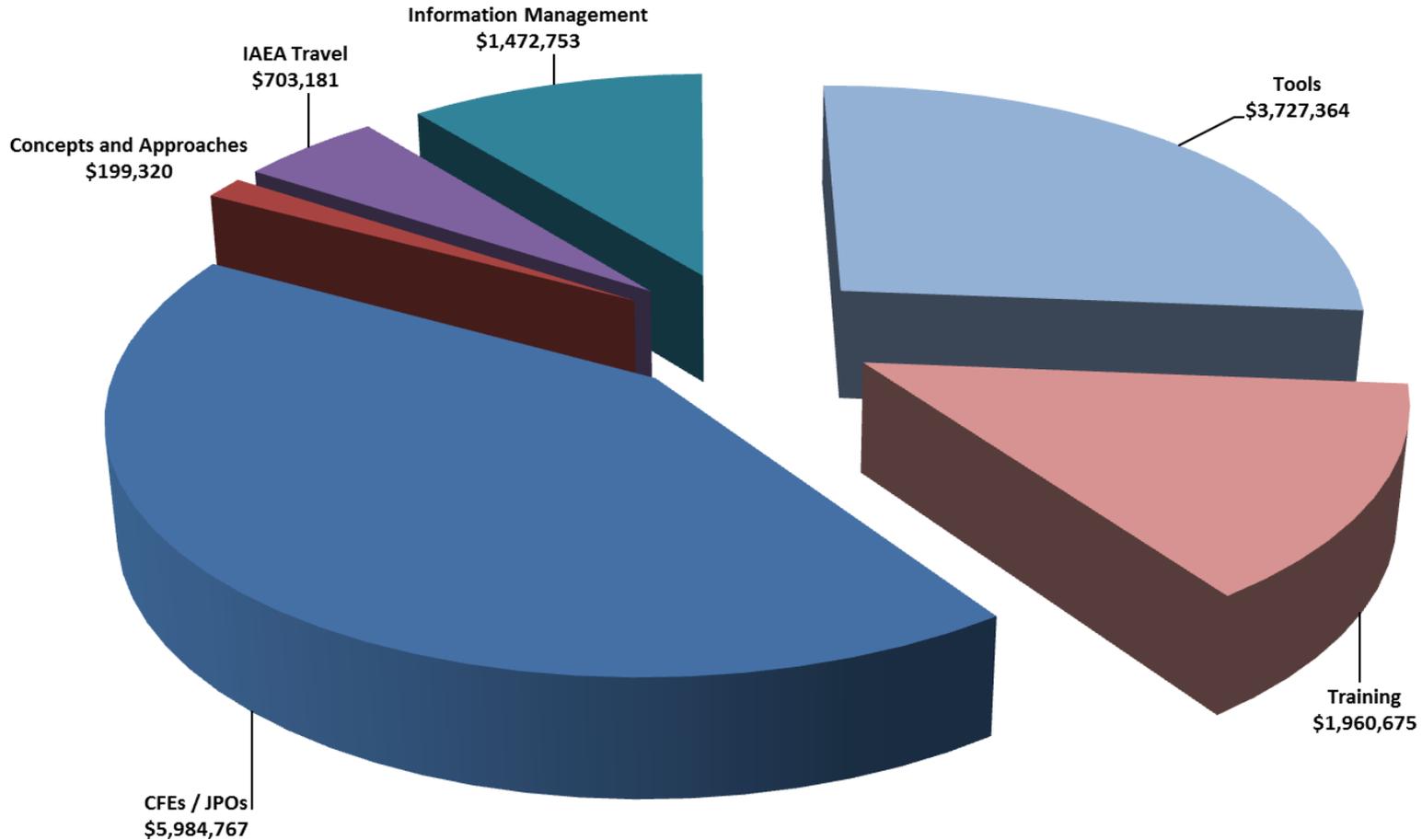
Active USSP Funded Projects

- Remotely Monitored Sealing Array (RMSA)
- Enhanced Capabilities for Analytical Services (ECAS)
- Universal NDA Data Acquisition Platform (UNAP)
- On-Line Enrichment Monitor (OLEM)
- Unattended Gamma Emission Tomography (UGET)
- Software Development for SAL
- Recurring IAEA Inspector Training Courses

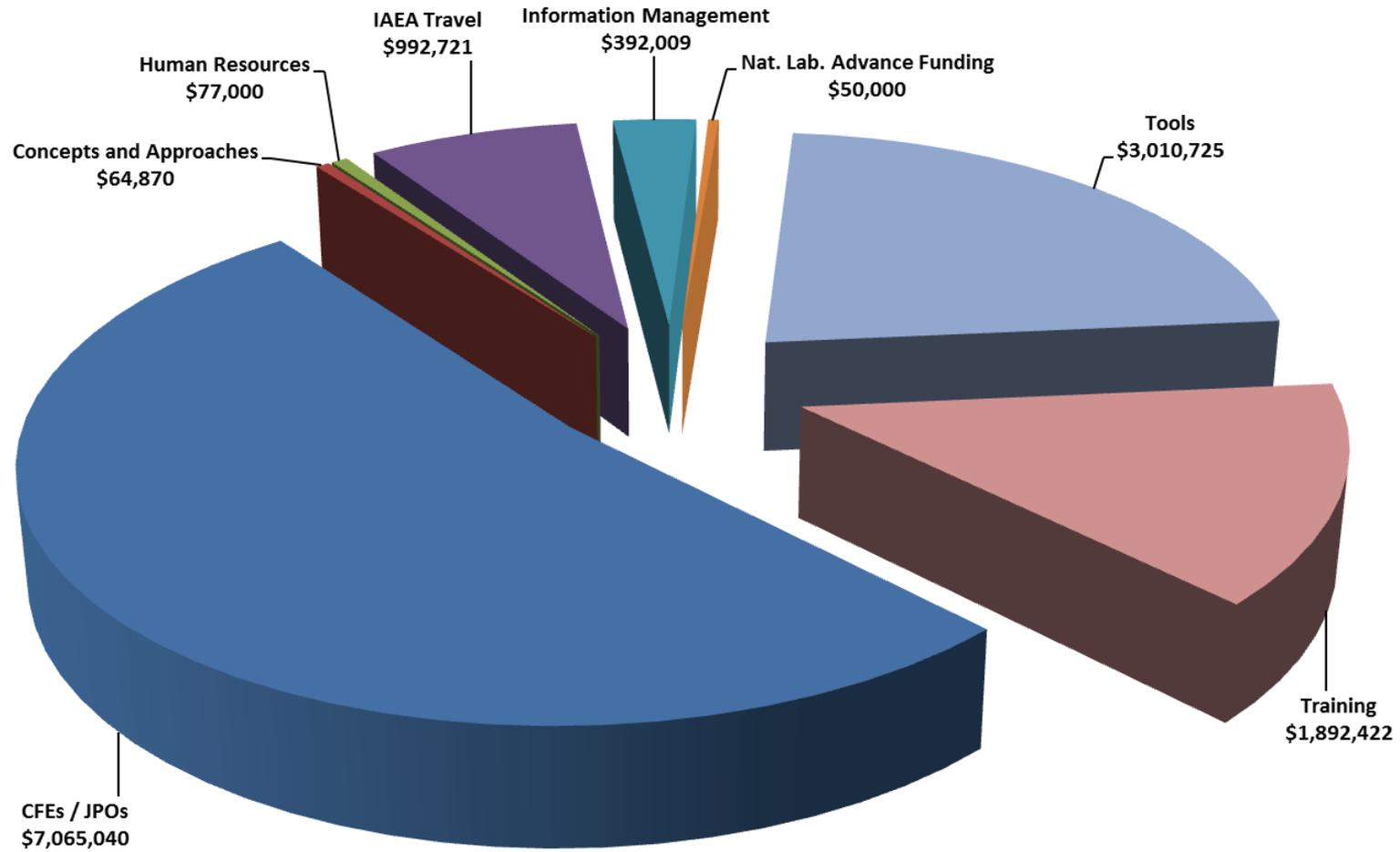
POTAS & USVC Equipment Funding 1984 - 2012 (\$M)



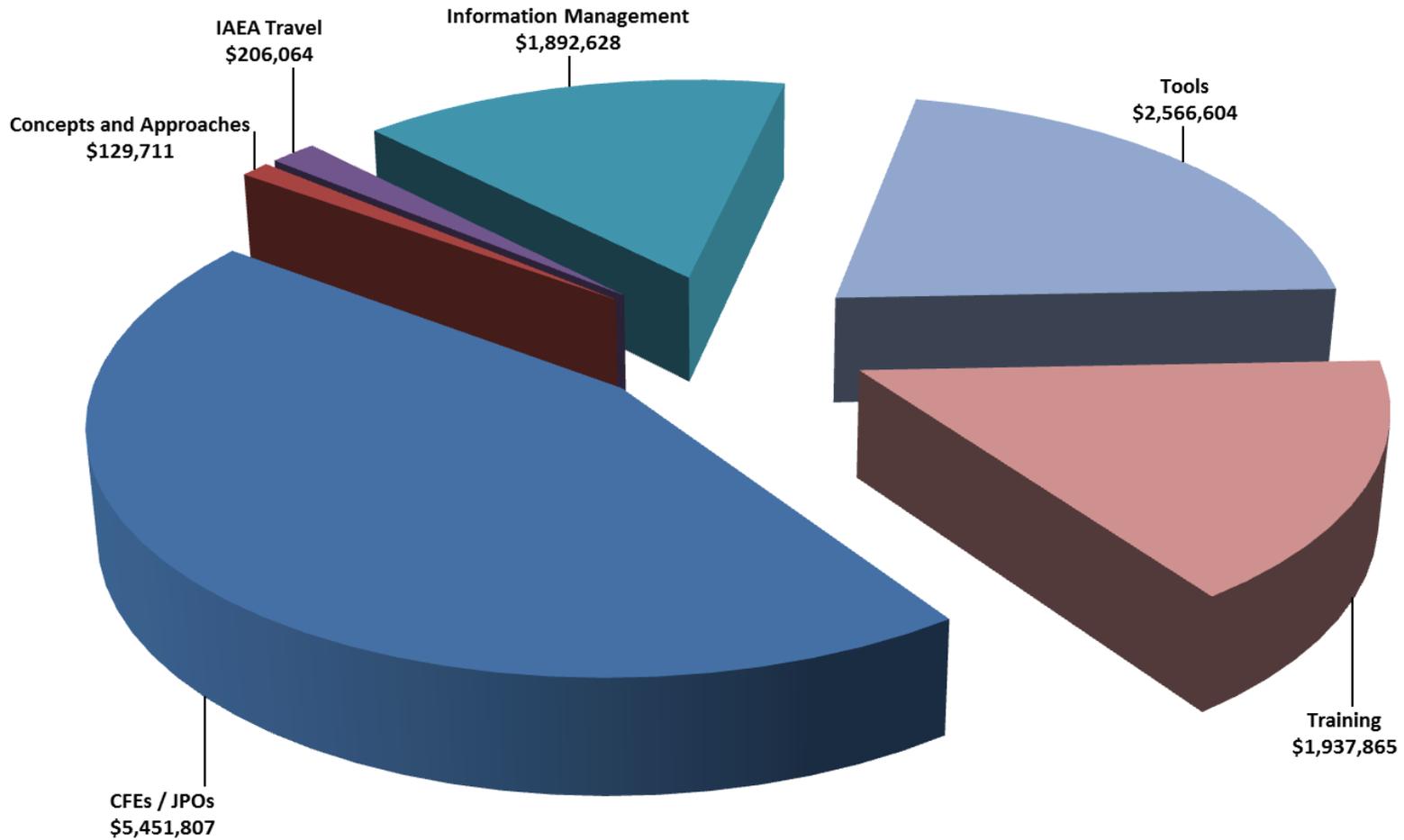
All POTAS Funding Approved by Priority (CFEs / JPOs separated) CY 2010 (\$14M)



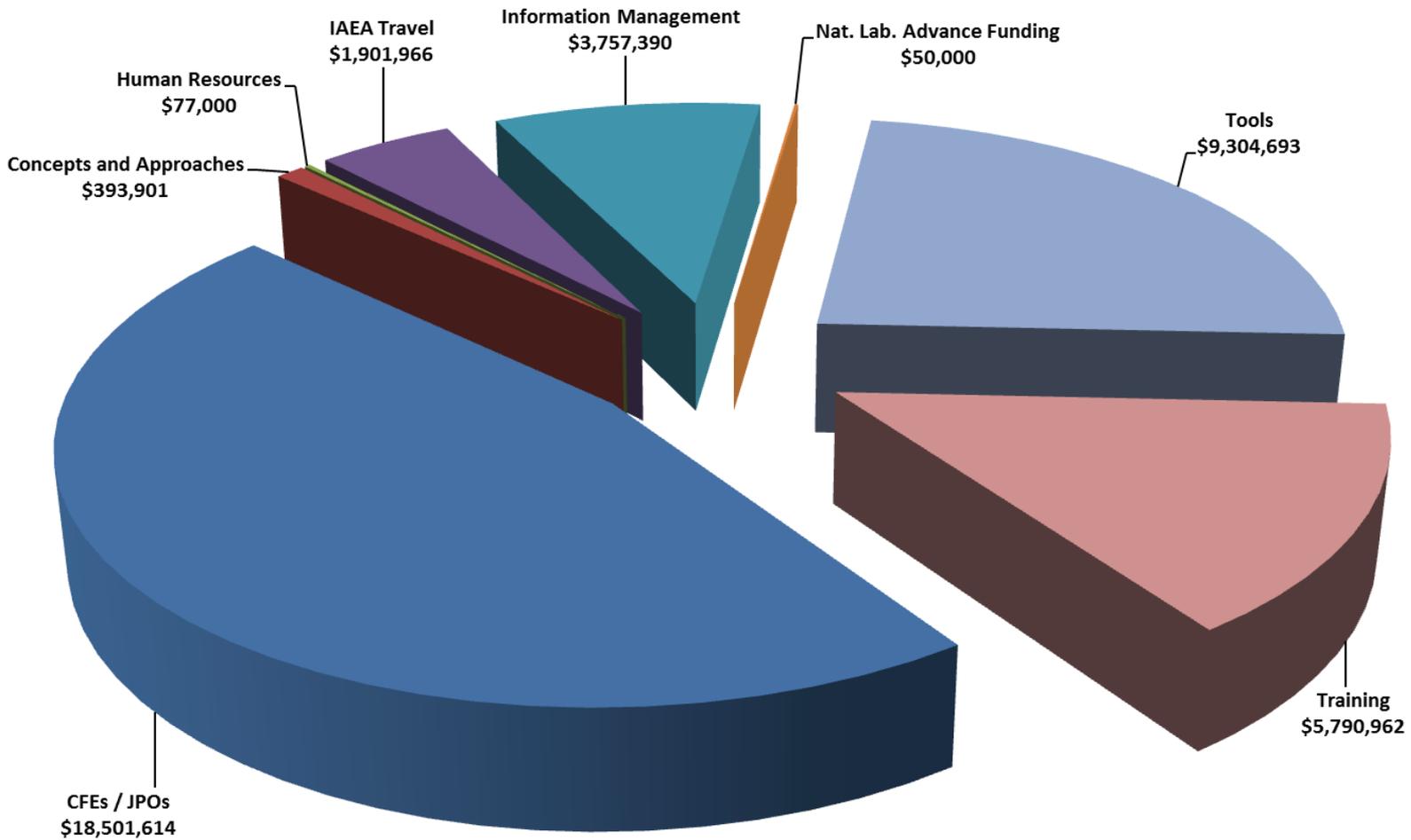
All POTAS Funding Approved by Priority (CFEs / JPOs separated) CY 2011 (\$13.5M)



All POTAS Funding Approved by Priority (CFEs / JPOs separated) CY 2012 (\$12.2M)



All POTAS Funding Approved by Priority (CFEs / JPOs separated) CY 2010 - 2012 (\$39.8M)



Future IAEA SG Needs

- Suggest reviewing IAEA 2012 – 2013 Development and Implementation Support (DIS) Program for Nuclear Verification
 - Lists Dept. of SG short term (2 yr) directions and key objectives by subject area
 - This short term work supports IAEA objectives of their:
 - Long Term Strategic Plan (2012 – 2023)
 - Medium Term Strategy (2012 – 2017)
 - Long Term Research & Development Plan (2012 – 2023)
- IAEA requests are based on current needs which change

Recruitment for IAEA SG Positions

- Focus on recruitment for IAEA SG Staff Positions
- Respond to requests for CFE's and JPO's
- Post job openings on ISPO Website (www.bnl.gov/ispo)
- Attend Conferences to actively recruit qualified candidates
- Search for qualified candidates using recruitment websites and data stored on the ISPO Information System (IIS)
- Assist selected candidates with transition to work in Vienna

Electronic Country Clearance (eCC)

- Used to obtain DOE approval of USSSP funded Vienna foreign travel
- Labs –Input Data into the Foreign Travel Management System (FTMS)
- Contractors - Provide eCC information to ISPO (Michele Rabatin – rabatin@bnl.gov) who inputs data into FTMS
- US Mission approves eCC with assistance of ISPO Liaison Officer (QueiroloA@state.gov)
- eCC must be in compliance with procedure located on ISPO website: http://www.bnl.gov/ispo/county_clearance.asp
- eCC needs to be submitted into FTMS at least 45 days prior to travel
- US Federal employees must have “Official” passport

POTAS IAEA Communication Guidelines

- All communications with the IAEA go through ISPO
- If the IAEA contacts you directly regarding a non funded USSP project, indicate they need to go through the US Mission to International Organizations in Vienna (UNVIE)
- Include ISPO task monitor and Barbara Hoffheins on pre-approved IAEA communications for funded POTAS work
- Do not attempt to “Sell” new projects to the IAEA that have not been cleared by the USSP and UNVIE
- Let the ISPO task monitor know if we need to set up a teleconference call or VTC with the IAEA to resolve project issues

ISPO Website - <http://www.bnl.gov/ispo/>

The screenshot shows a web browser window with the URL <http://www.bnl.gov/ispo/>. The page features a left-hand navigation menu with categories like 'Site Details', 'ISPO Resources', and 'About Vienna'. The main content area includes a paragraph describing the ISPO's role in managing the U.S. Support Program to IAEA Safeguards (USSP). Below this is a photograph of the Brookhaven National Laboratory building, a large, ornate, yellow structure with a red roof. Underneath the photo is a box for 'IAEA Department of Safeguards' with links for 'Current Job Postings', 'Future Job Postings', and 'Expert Opportunities'. A detailed paragraph follows, explaining the ISPO's base at Brookhaven National Laboratory and its liaison office in Vienna, Austria, detailing its technical and administrative functions. The bottom of the page lists 'Other Information' links for the U.S. Dept. of State, U.S. Dept. of Energy, IAEA, and NRC.

The International Safeguards Project Office (ISPO) is responsible for the day-to-day technical and administrative management of the U.S. Support Program to IAEA Safeguards (USSP). ISPO performs this service at the behest of the Subgroup on Safeguards Technical Support (SSTS).



IAEA Department of Safeguards:
[Current Job Postings](#) | [Future Job Postings](#) | [Expert Opportunities](#)

ISPO is based at [Brookhaven National Laboratory](#) on Long Island, New York, and maintains a liaison office in Vienna, Austria, in the IAEA section of the U.S. Mission to International Organizations in Vienna (UNVIE). The technical management role performed by ISPO involves evaluating the technical feasibility of proposed tasks, offering sound recommendations for an inter-agency review process, and ensuring that products meet the IAEA's stated needs. The administrative management of the program entails tracking schedules and budgets for active tasks, preparing status reports, obtaining proposals from prospective contractors, recruiting for regular staff and cost-free expert positions, and identifying candidates for participation in IAEA Department of Safeguards technical meetings.

The ISPO Brookhaven Office is the primary point of contact with the SSTS and the U.S. contractors. The office is staffed by four technical and four administrative professionals. The office assists the contractors by transmitting information to and requesting information from the IAEA. In addition, the office is responsible for seeking proposals for requested tasks from prospective contractors.

END OF PRESENTATION

AND

THANK YOU FOR YOUR ATTENDANCE

Lab/Contractor Feedback and Questions