

## **Unliquidated Obligations, Program Grant Alignment, and Other Regional Activities**

Joint ENLC and NTB Meeting

June 19-20, 2013

# Topics



- Update on ULOs and other Exchange Network grant issues
- Regional activities
  - ▣ April 2013 Regional Science Council forum
  - ▣ Pilot: Tablets in the field, powered by EN

# ULO<sub>s</sub>



- ULOs = Unliquidated obligations or unspent grant balances
- ULOs are under scrutiny by EPA, OMB and Congress, more now than ever
  - ▣ High levels may lead to reduced funding for program
  - ▣ May also indicate performance problems
- OIC consequently tracks ULOs closely

# What are excessive ULOs?

Period of Performance Milestone	Criteria – Unspent Balance as Percent of Awarded Funds
End of year two	Greater than or equal to 95 percent
End of year three	Greater than or equal to 70 percent
End of year four	Greater than or equal to 40 percent
End of year five	Greater than or equal to 10 percent

# Current EN ULOs



## EN Unliquidated Obligations as of 2nd Quarter of FY2013

Grant Year	No. of Awards	Award Amount for FY	As of 12/10/2012 Unliquidated Obligations	As of 04/01/2013 Unliquidated Obligations	Dollar Change From 12/10/2012	Total % of remaining funds
2002	82	\$ 24,996,784	\$ -	\$ -	0	0%
2003	67	19,321,018	-	-	0	0%
2004	67	20,223,308	251,965	147,047	-104,918	1%
2005	62	19,554,418	91,025	83,528	-7,497	0%
2006	56	19,695,253	1,587,875	1,278,043	-309,832	6%
2007	58	14,708,146	1,067,474	934,888	-132,586	6%
2008	49	13,699,667	1,288,051	1,075,610	-212,441	8%
2009	43	11,664,142	2,550,367	2,190,485	-359,882	19%
2010	47	8,682,696	3,199,291	2,698,569	-500,722	31%
2011	54	9,884,068	6,982,599	6,036,226	-946,373	61%
2012	42	8,109,916	8,109,916	7,476,473	-633,443	92%
<b>Total</b>	<b>627</b>	<b>\$170,539,416</b>	<b>\$25,128,563</b>	<b>\$21,920,869</b>	<b>-\$3,207,694</b>	<b>13%</b>

<b>Total for FY02 - FY09</b>	<b>484</b>	<b>\$143,862,736</b>	<b>\$6,836,757</b>	<b>\$5,709,601</b>	<b>-\$1,127,156</b>	<b>4%</b>
--------------------------------------	------------	----------------------	--------------------	--------------------	---------------------	-----------

# Number of Open EN Awards



Number of Open Awards - 2nd Quarter of FY13			
Grant Year	No. of Awards	No. of Awards Open	% of Open Awards
2002	82	0	0%
2003	67	0	0%
2004	67	2	3%
2005	62	2	3%
2006	56	11	20%
2007	58	10	17%
2008	49	13	27%
2009	43	26	60%
2010	47	33	70%
2011	56	52	93%
2012	43	42	98%
<b>Total</b>	<b>630</b>	<b>191</b>	<b>30%</b>

<b>Total for FY02 -FY09</b>	<b>484</b>	64	13.22%
-----------------------------	------------	----	--------

# ULOs by Regions

% Of Regional Balance for FY02-FY12 and FY02-09		
Regions	% of Regional Funds Remaining	
	FY02-FY12	FY02-FY09
1	10%	3%
2	4%	1%
3	11%	3%
4	18%	7%
5	10%	3%
6	14%	2%
7	19%	4%
8	9%	3%
9	18%	9%
10	14%	3%
Median % Funds Remaining	13%	3%

# Program Grant Alignment



- Operation and maintenance of the Exchange Network is funded through core program grants
- Several EN grant proposals were funded only partially because proposal reflected O&M work



# Regional News: Science Forum



- April 25, 2013 Regional Science Council Forum on the Future of Environmental Protection
- Theme: How do we use new technologies and approaches to transform the ways we approach environmental protection
- Topics: E-enterprise, Next Generation Compliance, advanced monitoring, and streamlining using Lean

# Regional News: Tablet Pilot

## □ OEI Tablet Project Goals:

- ▣ Identify, configure, test and recommend an Agency standard tablet offering
- ▣ Investigate the ability of a Tablet to support agency mission work
- ▣ Leverage existing Agency expertise (Windows OS vs Android Tablets / Apple iPads)

# OEI Tablet Project Goals

11

- Identify, configure, test and recommend an Agency standard tablet offering.
- Investigate the ability of a Tablet to support agency mission work.
- Leverage existing Agency expertise (Windows OS vs Android Tablets / Apple iPads ).

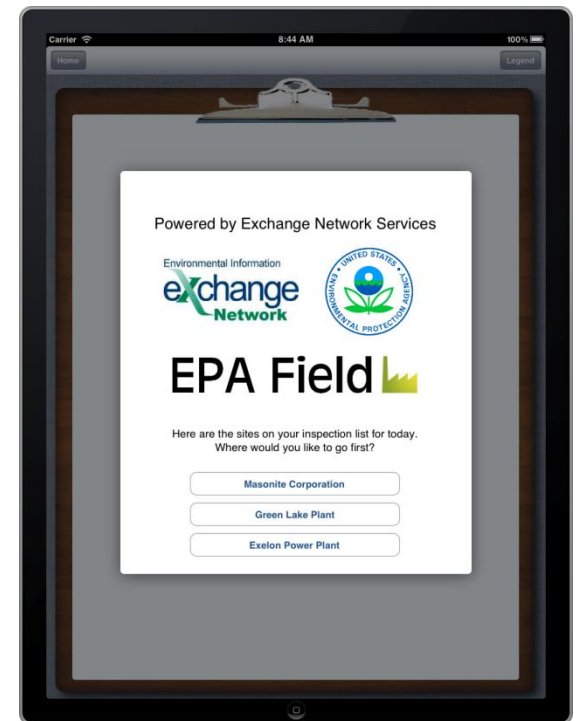
# Region 1 Field Inspection Proposal

12

- ▣ Use camera and GPS functions of tablet
- ▣ Use mapping tool to identify relevant features in vicinity
- ▣ Write inspection report in the field using Intelligent Forms
- ▣ Generate a report in the field
- ▣ Collect and transmit data electronically to EPA systems

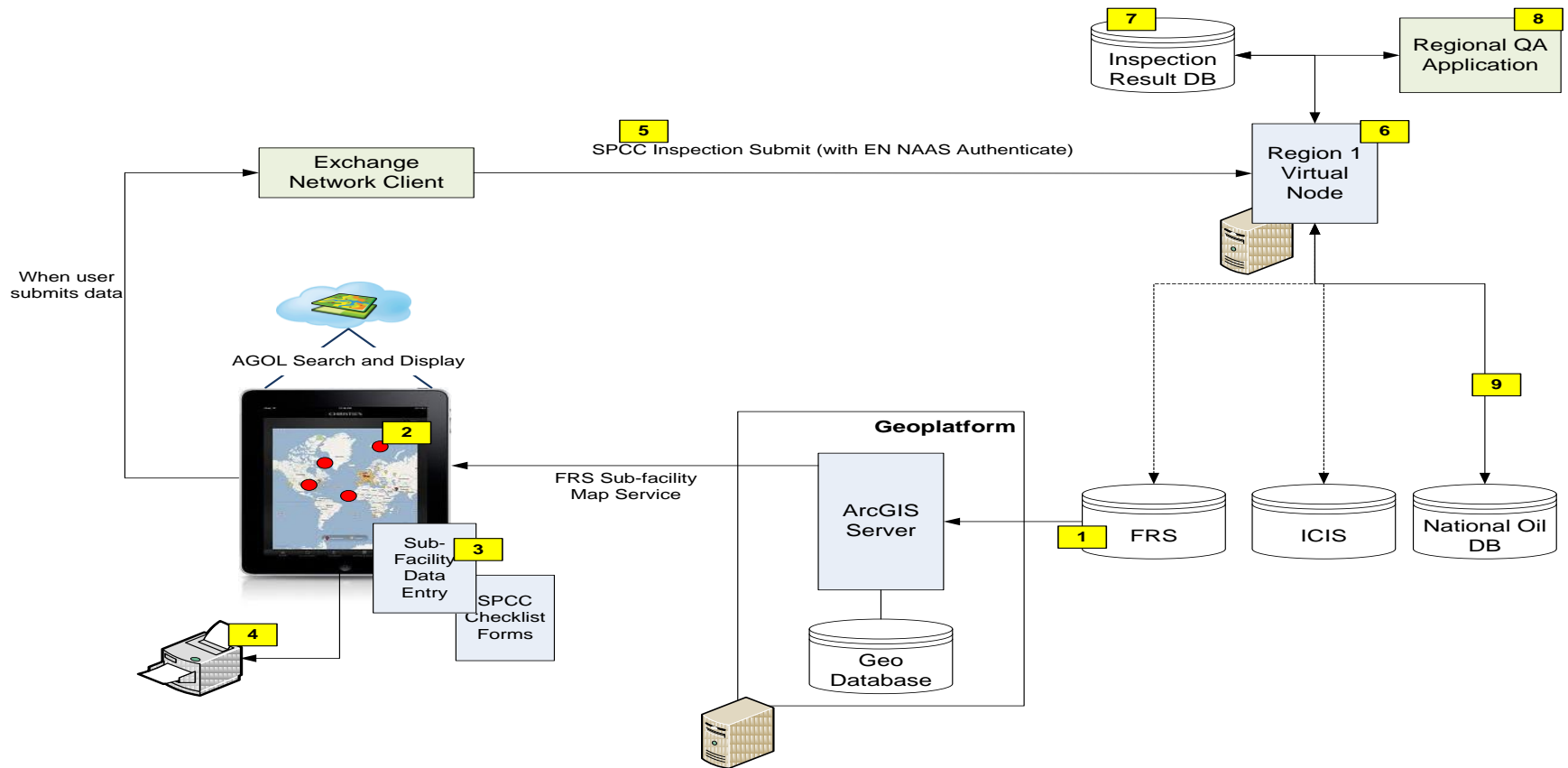
# Field Application Description

- Mobile enabling submission of facility, compliance or incident data using the Exchange Network and EPA's GeoPlatform
  - ▣ Incorporate use of FRS data for inspection or other field based collection scenarios
  - ▣ Enable direct integration with FRS in business process workflows
  - ▣ Increase EPA facility data accuracy



# Conceptual Diagram

14



# Field Application Outcomes

15

- Completed two SPCC inspections using the Tablet
- Queried and pulled mapping information from GeoPlatform
- Generated, printed and signed inspection reports, while still at facilities
- Transmitted the data - including photographs - through an Exchange Network (EN) virtual node into an Oracle-based inspection report database



# Next Steps

16

- OEI Reports out on tablet pilot and recommends tablet hardware options and standards
- Develop requirements for another Regional program and work with OEI to develop next version
- Work with OEI Exchange Network / GeoPlatform groups to address technical issues with current application that were discovered during SPCC inspections