

Measuring What Matters

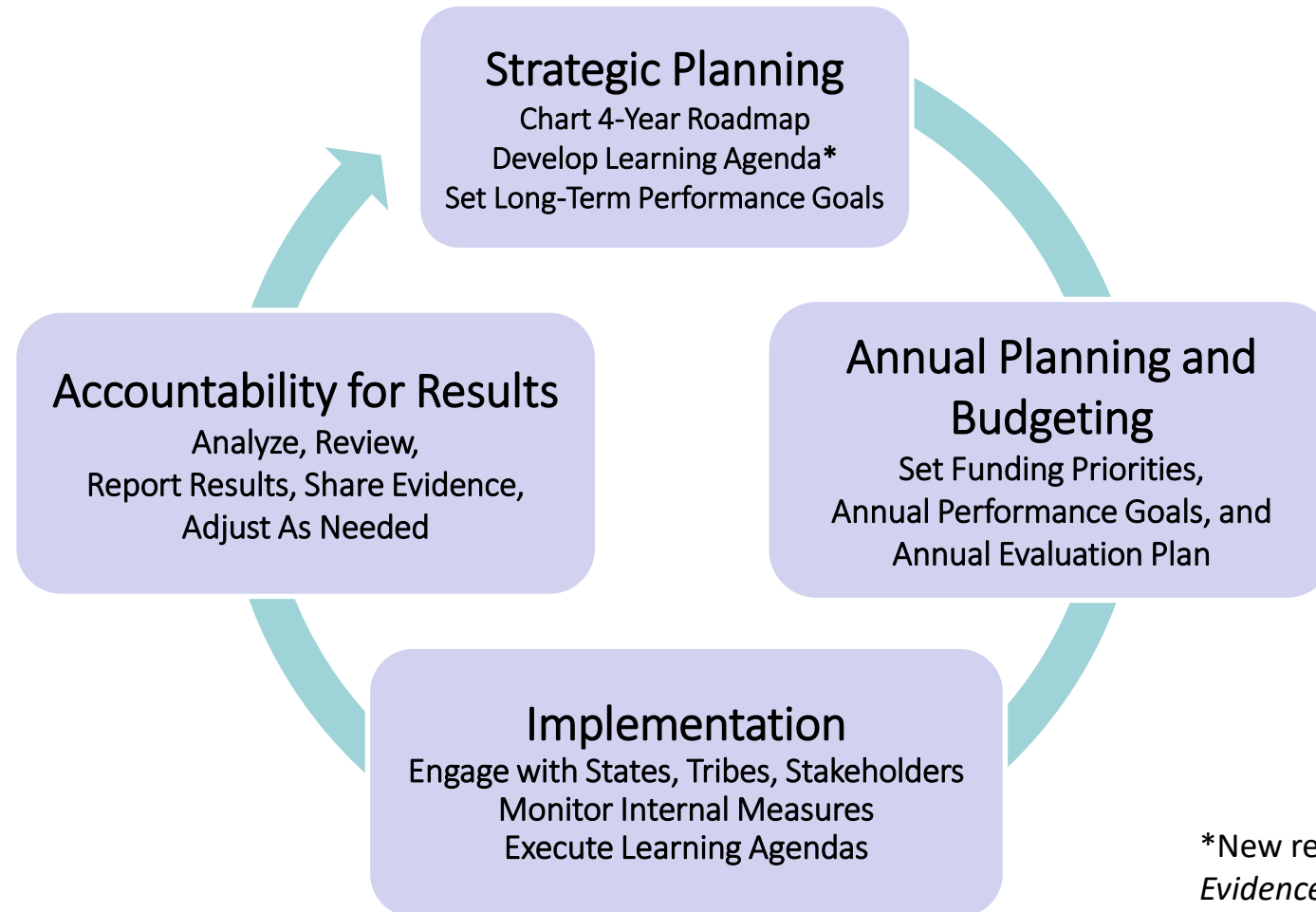
How State Data Contributes to EPA's National Performance

ECOS Spring Meeting

March 16, 2021

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Office of Planning, Analysis and Accountability
US EPA Office of the Chief Financial Officer

EPA's Planning and Performance Cycle



*New requirement in *Foundations for Evidence-Based Policymaking Act of 2018*

EPA's Cascading Performance Measurement Framework

Measure	Report/Reporting
Strategic Goals and Objectives > Long-Term Performance Goals (LTPGs)	Four-Year Strategic Plan
> Agency Priority Goals (2-year)	Performance.gov
>> Annual Performance Goals	Congressional Justification (Annual Performance Plan and Annual Performance Report)
>>> National Program Guidance Measures	2-Year National Program Guidances
>>> Operational Measures	Budget Formulation System Performance Module (Internal)

Example: Leaking Underground Storage Tanks (LUST)

- **EPA Long-term Performance Goal:**

By September 30, 2022, complete 56,000 additional leaking underground storage tank (LUST) cleanups that meet risk-based standards for human exposure and groundwater migration

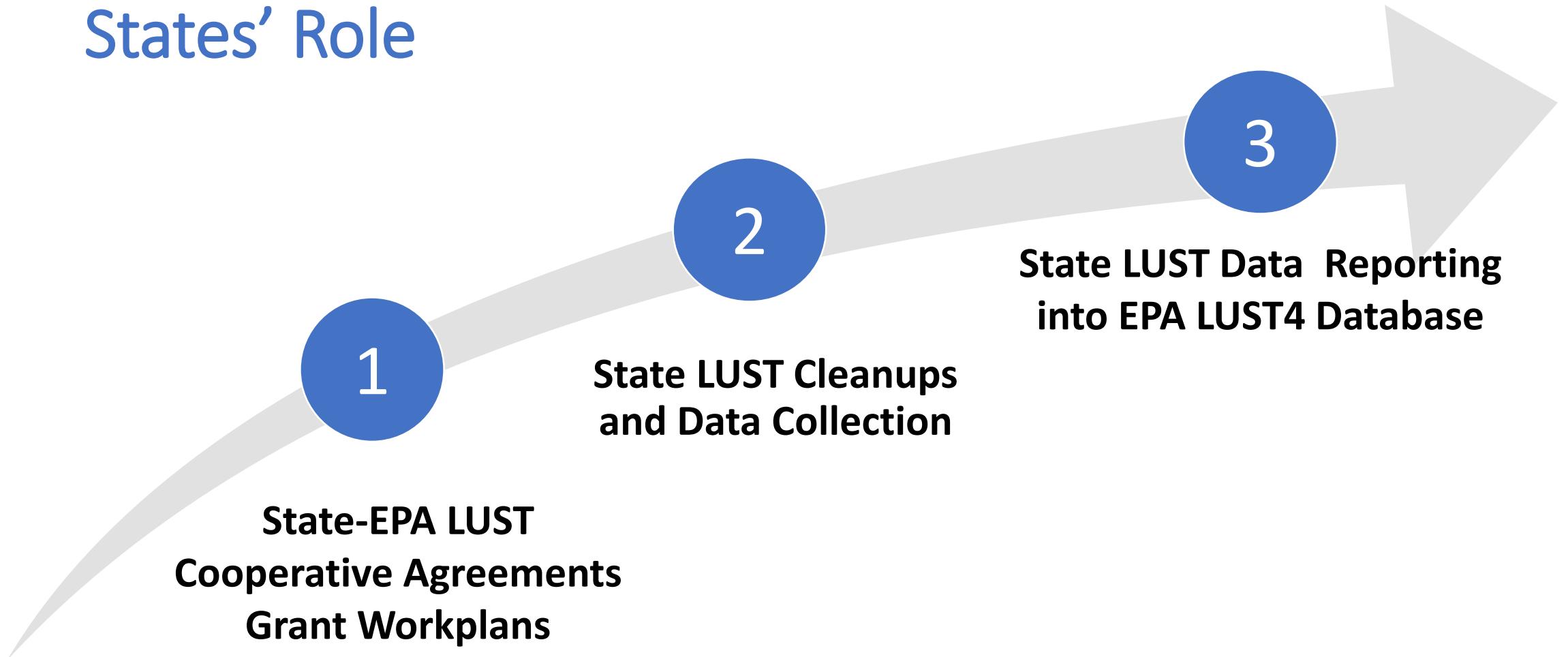
- **EPA Annual Performance Goal:**

Number of LUST cleanups completed that meet risk-based standards for human exposure and groundwater migration

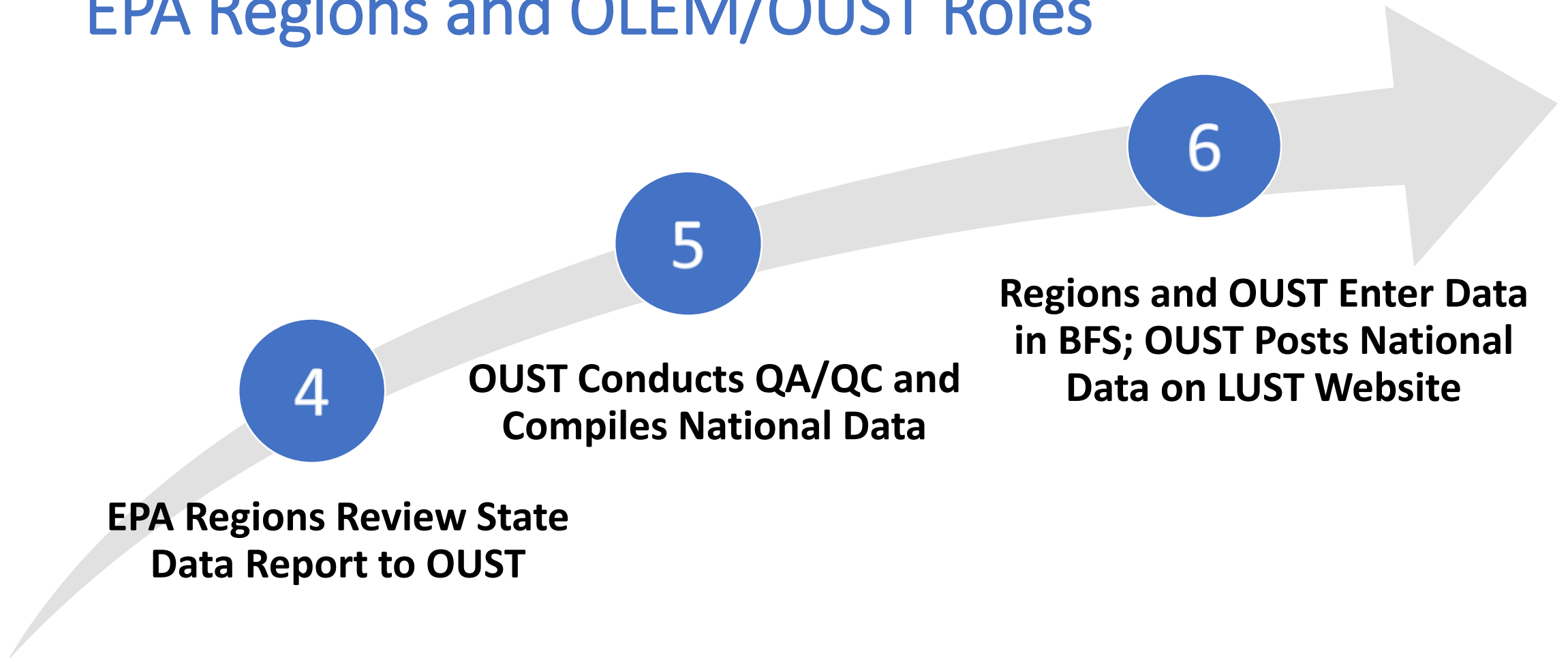
- **ECOSresults.org - Common Measure for LUST:**

Number of LUST Cleanups Completed that Meet Cleanup Standards

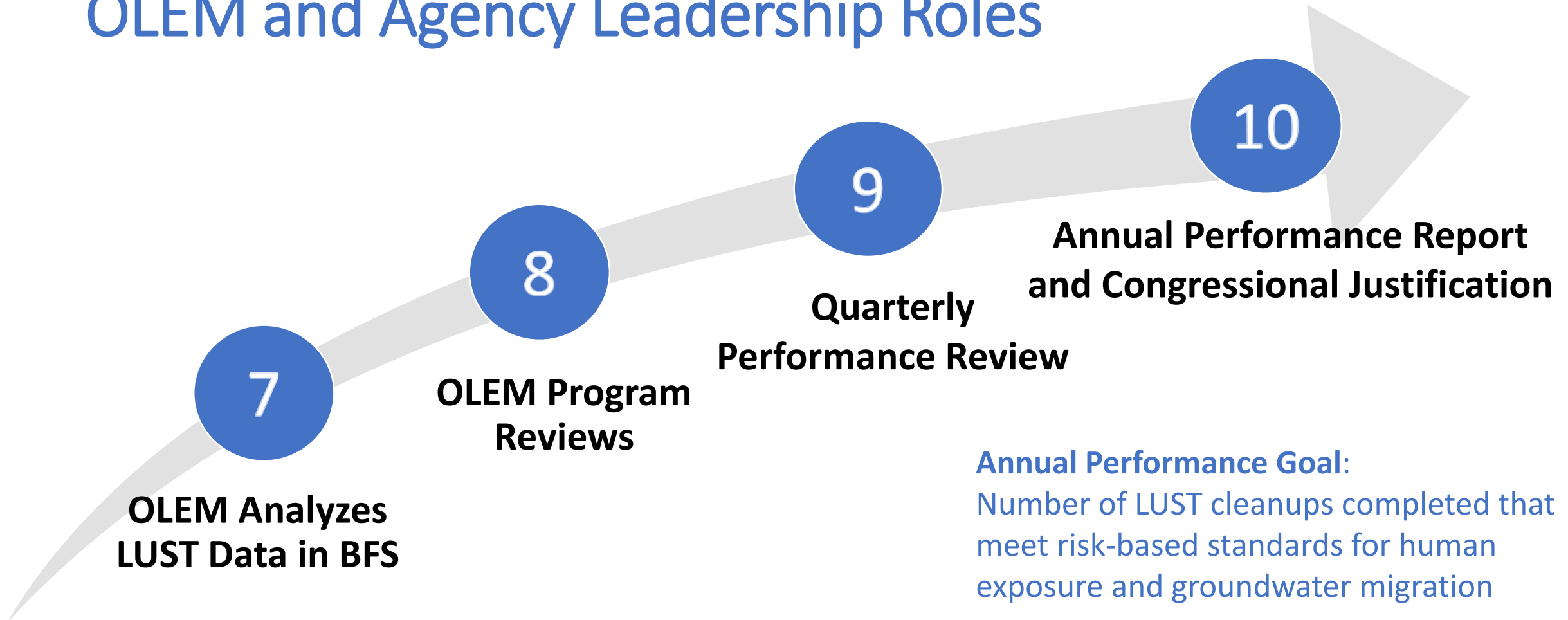
Connecting the Dots: States' Role



Connecting the Dots: EPA Regions and OLEM/OUST Roles



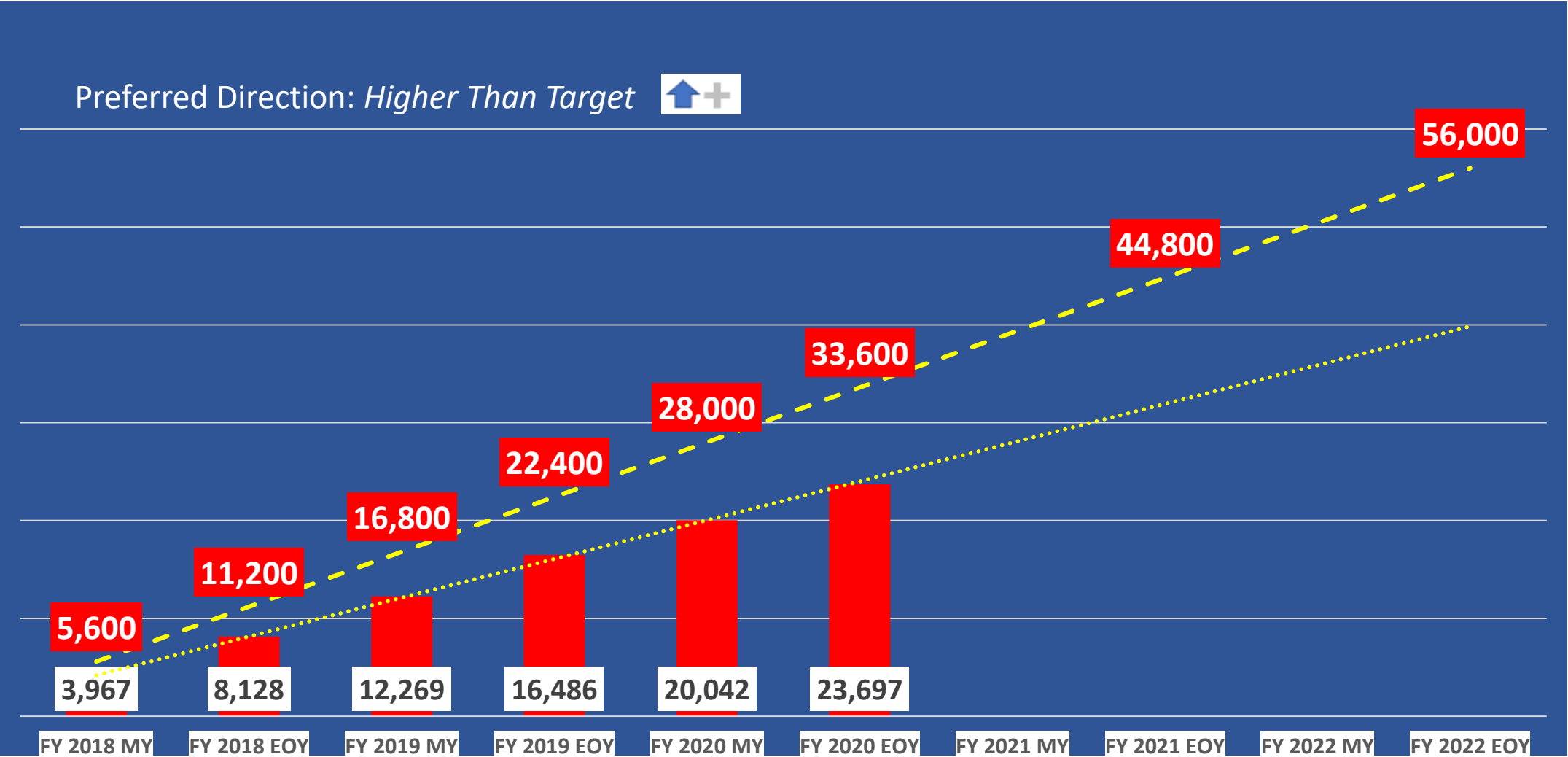
Connecting the Dots: OLEM and Agency Leadership Roles



BFS
Performance
Dashboard:
LUST FY 2020

Region	6-Month Targets	Results	
		Mid-Year	End-of-Year
R01	234	100	200
R02	547	259	242
R03	344	338	305
R04	1485	1013	1093
R05	1413	705	797
R06	335	285	254
R07	276	185	175
R08	256	306	241
R09	405	271	297
R10	302	94	51
Total	5600	3556	3655

Quarterly Performance Review: Number of LUST Cleanups Completed that Meet Risk-Based Standards for Human Exposure and Groundwater Migration



Annual Performance Report: LUST

Long-Term Performance Goal - By September 30, 2022, complete 56,000 additional leaking underground storage tank (LUST) cleanups that meet risk-based standards for human exposure and groundwater migration¹⁰.

Annual performance goal that supports this long-term performance goal:

(PM 112) Number of LUST cleanups completed that meet risk-based standards for human exposure and groundwater migration.

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Units	Preferred Direction	
Target	8,600	8,600	8,600	11,200	11,200	11,200	Cleanups	Above Target	
Actual	9,869	8,977	8,775	8,128	8,358	7,211			

Key Takeaways:

- In FY 2018-2020 the cumulative total for LUST RAU was 23,697 cleanups, which is 71% of the three-year goal of 33,600 cleanups.
- By the end of FY 2020, a total of 497,407 LUST cleanups had been completed, out of a universe of 559,900 confirmed releases.
- The overall national cleanup rate is at 89% of total identified releases since the beginning of the program in 1988. In FY 2020, the cleanup backlog dropped from 64,760 to 62,439. As part of the ELMS process, EPA is working with the states to develop strategies to address issues regarding cleanup progress.
- As the universe of available cleanups decreases, many of the remaining releases are ones with greater challenges such as no responsible party, technically difficult cleanups and no available funds. COVID-19 played a significant role in the decrease of cleanups completed in FY 2020 due to many states shutting down site visits for significant periods, owners and operators delaying new cleanup activities due to cost concerns, state staffing impacts due to furloughs and state budget issues because of decreased state gas tax revenues.

Metric Details: This measure tracks the number of petroleum-contaminated sites where the states, tribes and EPA have completed cleanup activities. The totals include cleanups reported by states as well as EPA cleanups in Indian Country. Sites in Indian country represent approximately 0.2% of total cleanups completed. EPA uses the LUST4 database to

¹⁰ By the end of FY 2017, 469,898 LUST cleanups had been completed.

EPA-State Engagement: How this process helps

EPA and state engagement and review of the data help identify issues and opportunities at the state, regional, and national levels.

- Example: Partnership between EPA and Michigan
 - In 2020, EPA Region 5, OUST, and state conducted joint, detailed review of LUST caseload to better understand the sites and associated issues.
 - Based on review, MI developed a variety of short/medium/long-term strategies to tackle one of the largest caseloads in the country (13 percentage).
- In FY 2021, EPA kicked off a similar effort with our partners in Illinois.