Environmental Information Exchange Network

EN2015

Toward a Shared Vision for Facility: A Linchpin for E-Enterprise

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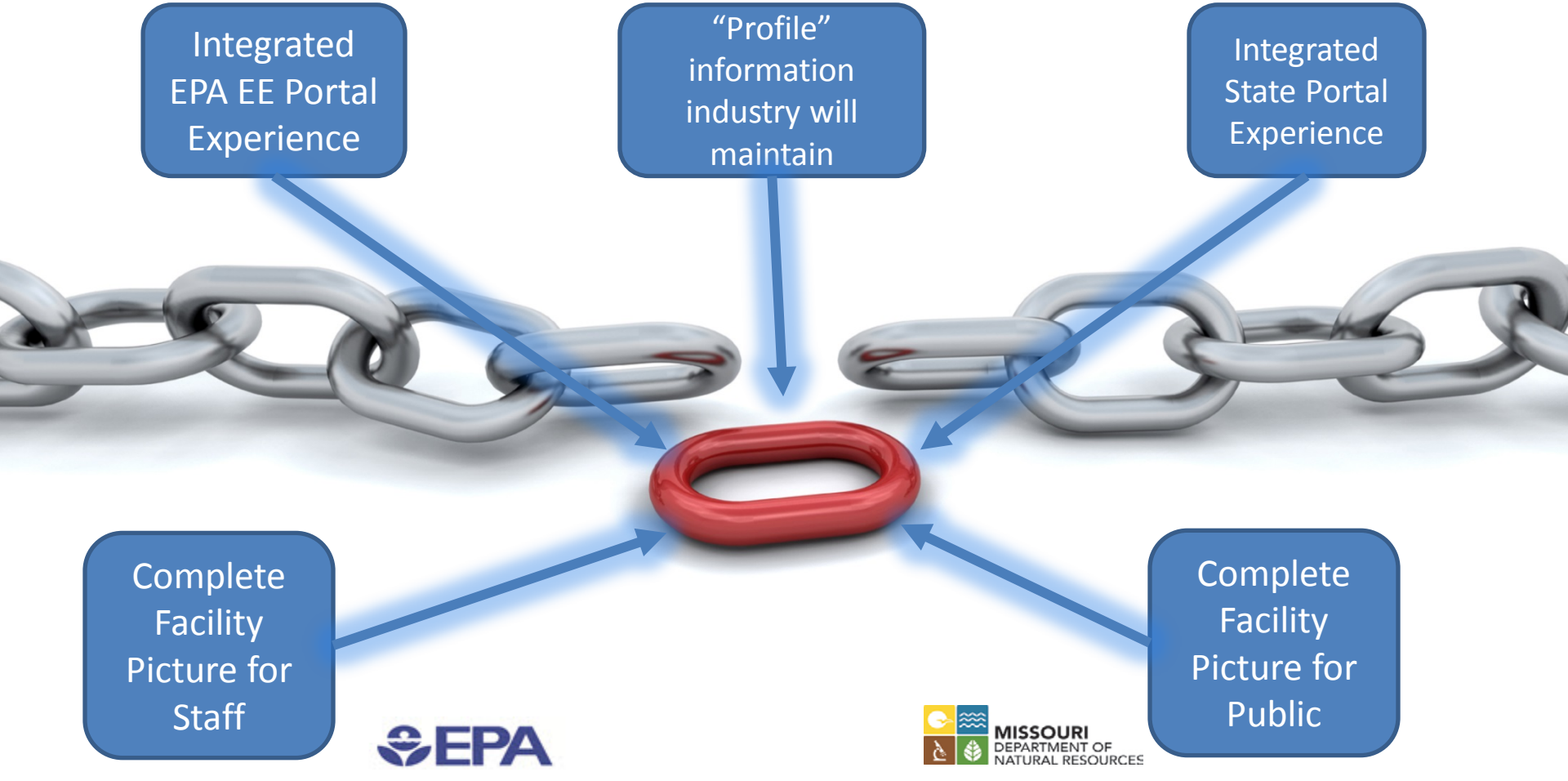
2015 Exchange Network National Meeting

Supporting the Business of Environmental Protection

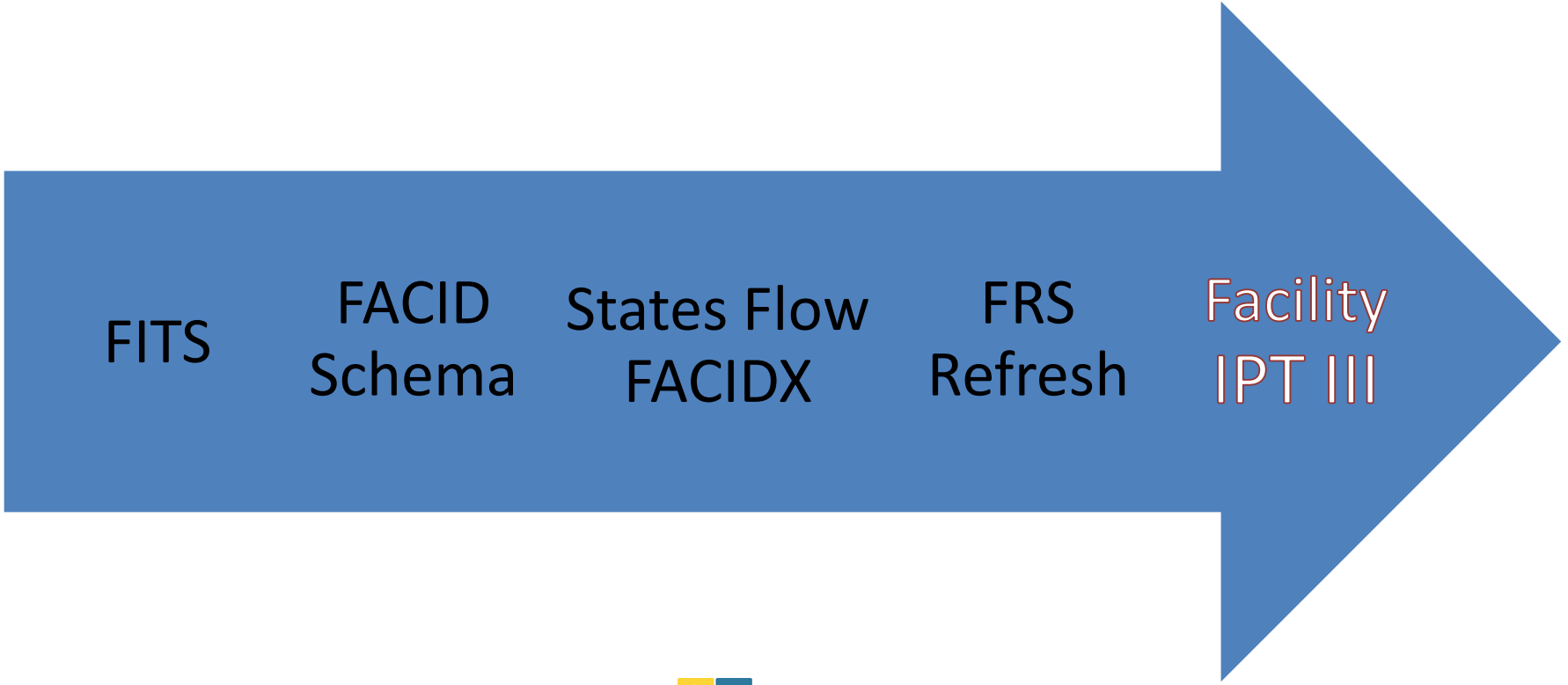
September 29–October 1, 2015
Sheraton Philadelphia Society Hill Hotel
Philadelphia, Pennsylvania

http://www.exchangenetwork.net/en2015

We Need to Share Facility Info to Achieve EE Vision

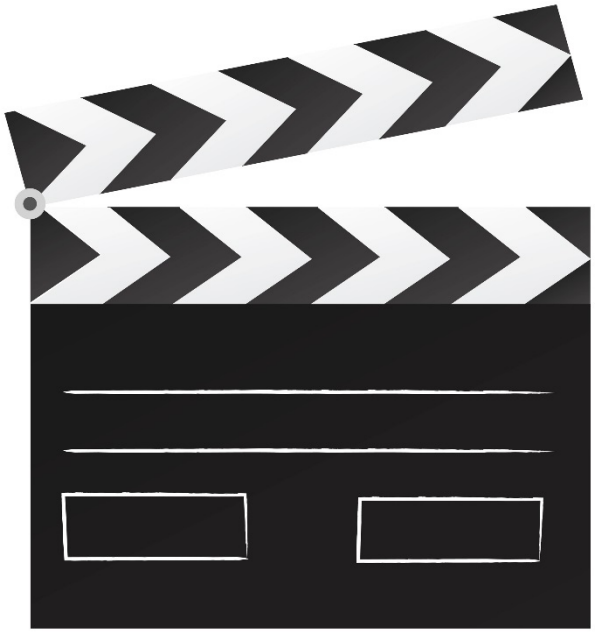


Talking and Working for Over 20 Years



Past, Present and Future of Facility

- An now for a different approach:
  - History
  - Current status
  - Opportunities and ways Facility can catalyze progress



Video

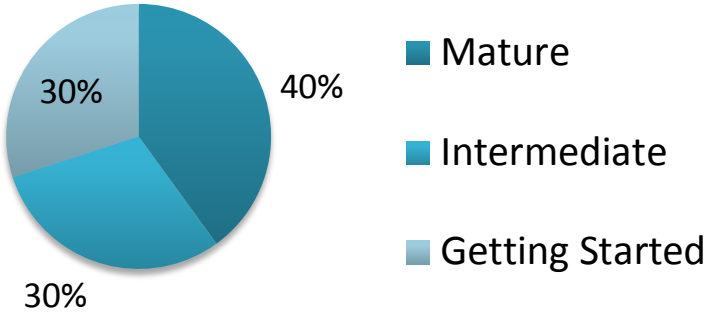
https://vimeo.com/user44232129/facilityipt

Facility IPT III

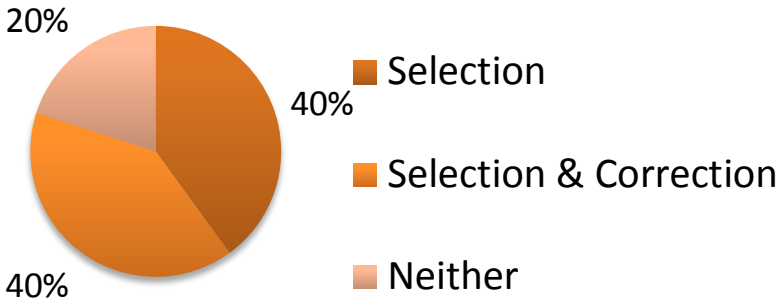
- Started up this summer
- Completed some great discovery work (next slide)
- Next moving on to deep dives to explore these issues:
  - Information models and terms
  - Business rules
  - Exploration of how we could co-managed core profile data, once its defined.

IPT Discovery: Listening to Where States Are Now

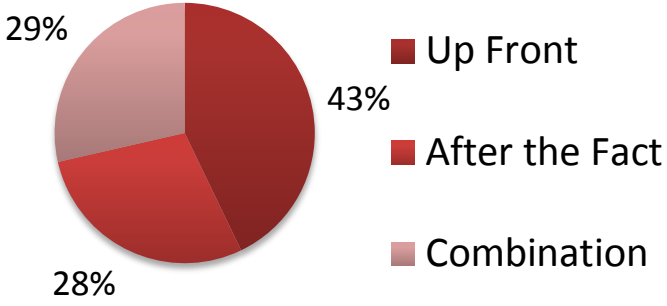
Business Process Maturity Level



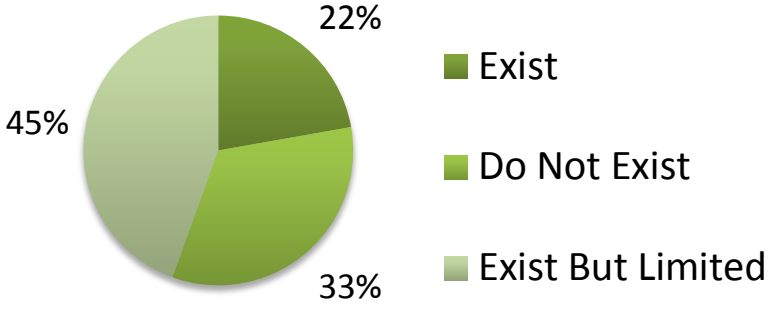
Up Front Data Collection



Data Reconciliation Stage



Formal Policies & Processes



Towards a Shared Core Profile

Joint Governance

- Planning & Prioritization
- Data Standards & Quality Management
- Data Stewardship
- Master Data Management

Shared Core Profile

Public Interface - CROMERR

Public Interface - View Data

State/EPA Applications

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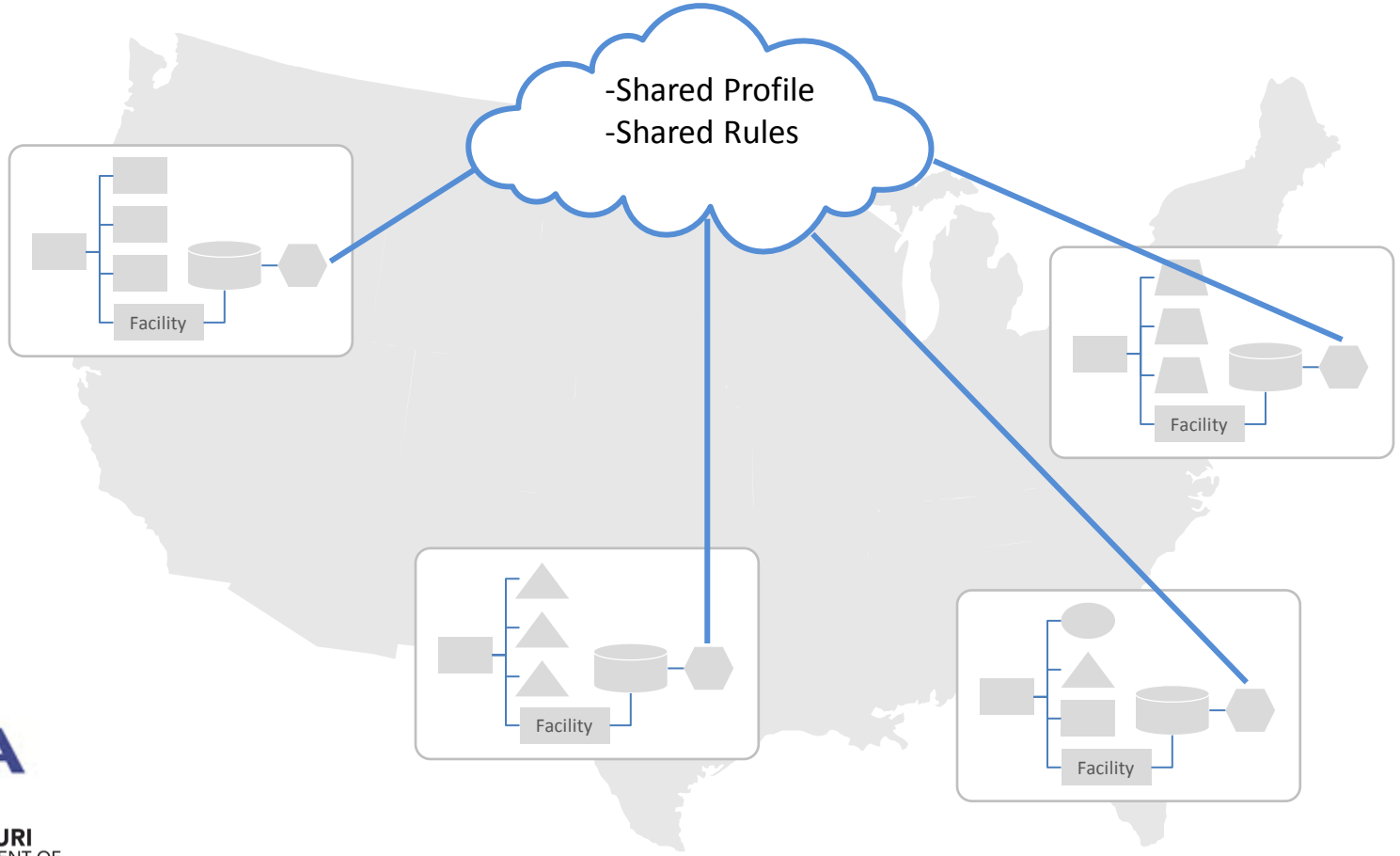
Components of our Common Vision

- Integrate and correct data as its being reported
- Common Facility Profile Model
- Shared Business Rules
- Great API's flexible enough to work with different EPA and State Systems
- Shared Apps and Tools

Linking Our Facility Systems Together



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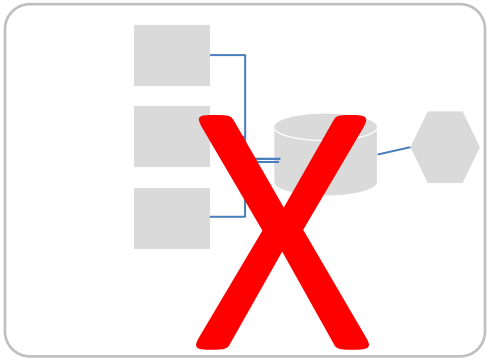
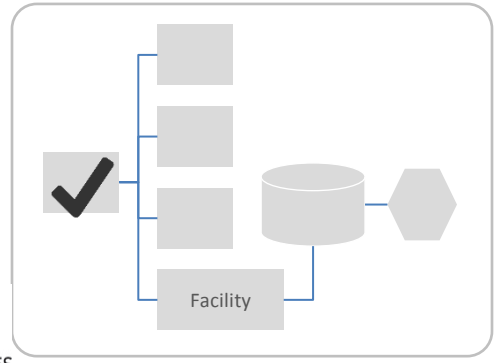
Integrate and Correct Data as its Being Reported

Shift where we do integration



Apply services and tools up front

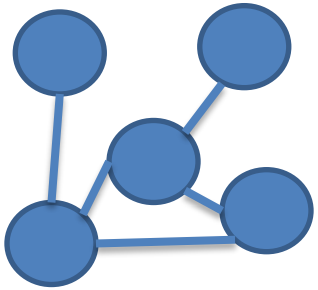
- Give reporter ability to select and correct data



Common *Enough* Models and Rules

Common Facility Profile Model

- Incorporates learnings from 15 years of experience



Shared Business Rules

- First we agree on data stewardship and primacy
- Event/Transaction based rules “When I issue a permit”…

APIs and Tools

Great API's

- Designed to work with EPA and State/Tribal Systems.

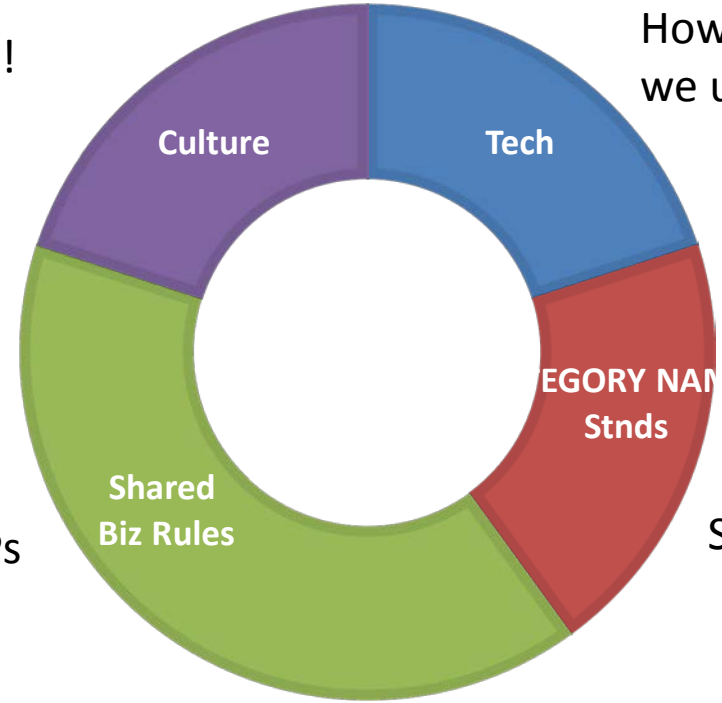
Shared Tools

- Tools to manage shared core profile data
- e.g. CDX FRS widget

Where We Think The Work Is…

Sharing is HARD!

How we interchange, and tools we use



API's

Data ownership/ stewardship/SOPs

Standard enough definitions

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Join Us For Our Next Call
October 8, 2pm Eastern

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