

Date:

Participating Members:

Assessment Context:

C-Store, Integrate, and Access Data

3-Other Data Integration Workflows

C.3.c – Environmental Data

Element Description Established data flows from environmental information systems to systems used for asset management decision support

Benchmark Level 0	Benchmark Level 1	Benchmark Level 2	Benchmark Level 3	Benchmark Level 4
No defined data flow from environmental data systems to asset management and project development systems.	Data views are defined to facilitate access to, and review of, environmental data supporting asset management and project development. Data is presented for use in asset improvement optimization and selection, work planning, and project scoping and development.	Simple data flows are implemented, allowing processing of available environmental data against specific assets or network segments in a manner that is useful to asset improvement selection and/or project scoping and development.	More detailed data flows are implemented, facilitating prioritization and/or risk evaluation within asset management decision-making systems, tools, and analysis.	Detailed environmental data automatically flows to systems used for asset management and/or project scoping and development.
Current: <input type="checkbox"/> Desired: <input type="checkbox"/>	Current: <input type="checkbox"/> Desired: <input type="checkbox"/>	Current: <input type="checkbox"/> Desired: <input type="checkbox"/>	Current: <input type="checkbox"/> Desired: <input type="checkbox"/>	Current: <input type="checkbox"/> Desired: <input type="checkbox"/>
<input type="checkbox"/> Identify environmental data useful to asset management. Develop standard views or reports.	<input type="checkbox"/> Summarize environmental data to support improvement selection and project development. Directly integrate into asset systems / tools.	<input type="checkbox"/> Examine detailed project development and asset management process and risk evaluation needs. Transform key environmental and directly integrate for this purposes.	<input type="checkbox"/> Examine real-time decision-making priorities and needs. Transform detailed environmental data and directly integrate for these purposes.	
<input type="checkbox"/> Engage Subject Matter Experts (SMEs) from asset management, project development, and environmental units to identify opportunities for improved coordination.	<input type="checkbox"/> Pilot test and implement manual or semi-automated environmental data integrations. Provide quality assessment tools to support informed data use.	<input type="checkbox"/> Pilot test and implement batch processes to transfer environmental data. Integrate quality assessment tools to ensure appropriate data use.	<input type="checkbox"/> Pilot test and implement fully automated processes to transfer environmental data. Integrate quality assessment tools to ensure appropriate data use.	
<input type="checkbox"/> Other:	<input type="checkbox"/> Other:	<input type="checkbox"/> Other:	<input type="checkbox"/> Other:	

Assessment Notes:

Improvement Notes:
