CalTF Data Charette- EE Program Data

June 21, 2023

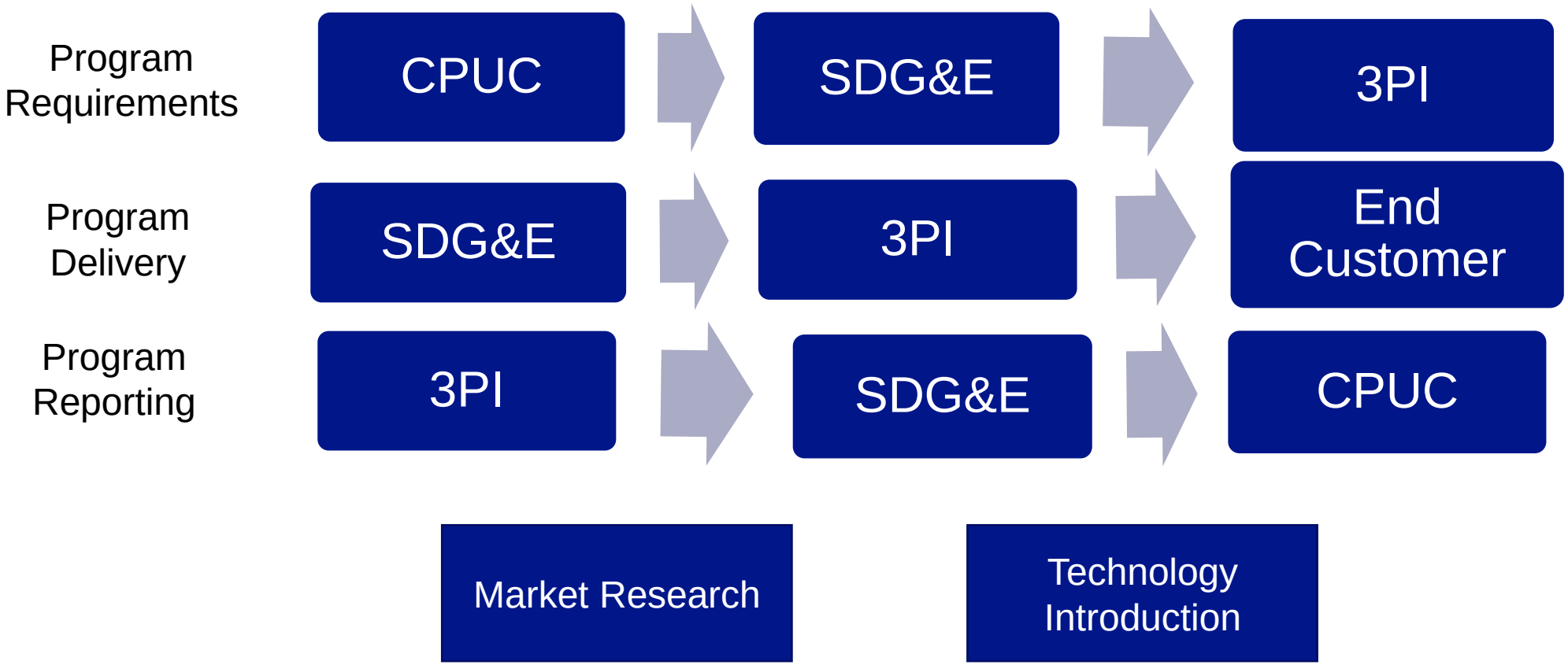
2023 SDG&E Energy Efficiency Portfolio

Segment	Statewide Lead	Statewide Funding	Regional
Resource Acquisition	Upstream HVAC Plug Load & Appliance	<u>Midstream</u> Water Heating Food Service Lighting*	Business Energy Solutions, Large Commercial, Industrial, Agricultural, Single Family, Multi-Family, Residential Behavioral, Federal, Local Government, K-12
		<u>Downstream</u> Higher Ed State of CA Wastewater	
Market Support	Downstream HVAC QIQM	Res & Non-Res New Construction Gas & Electric Emerging Technologies WE&T Career Connections	Universal Audit, Local WE&T, On-Bill Financing, Emerging Technologies, IDEEA
Equity		WE&T Career & Workforce Readiness	
Codes & Standards		Codes & Standards Advocacy	Local Codes & Standards

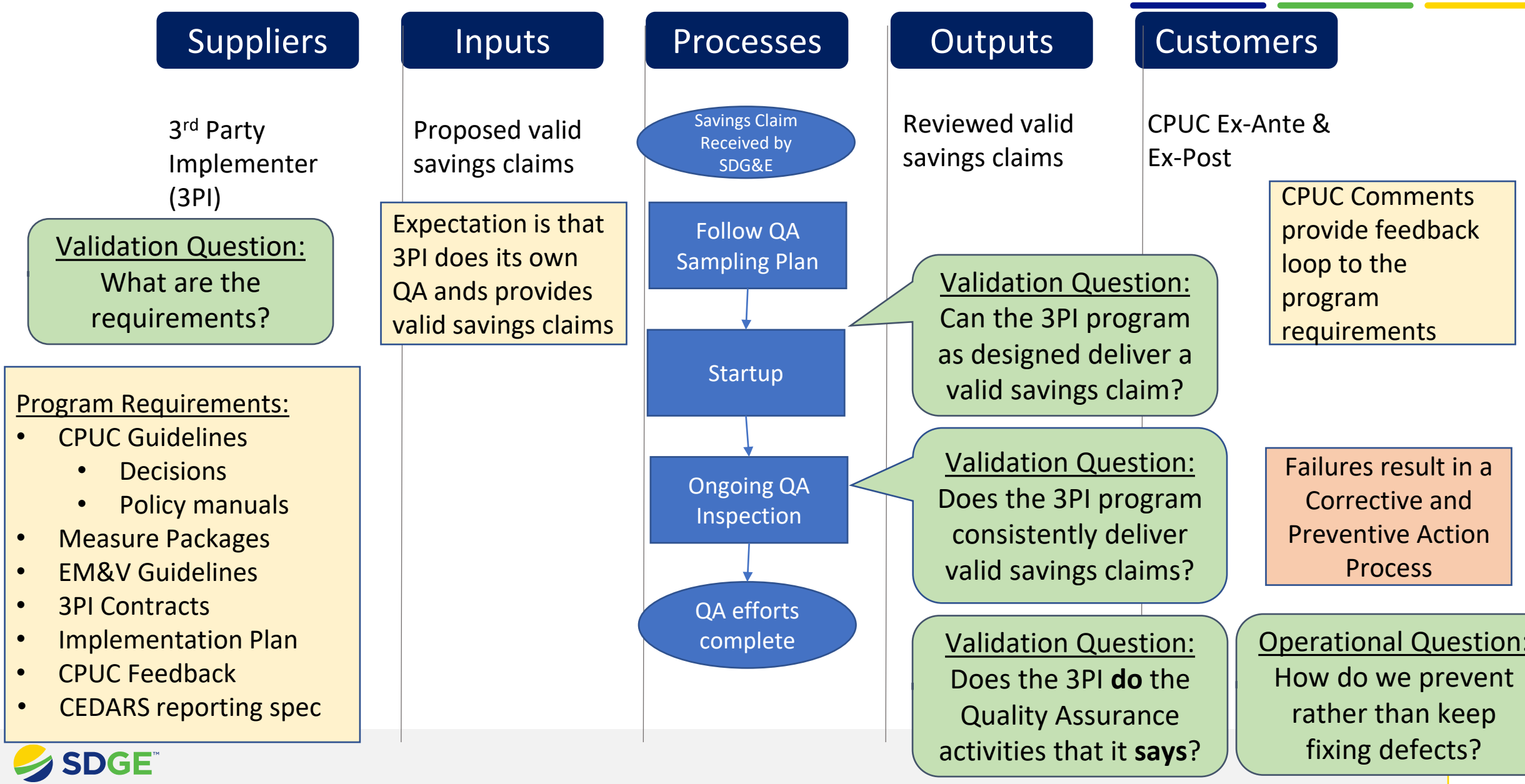
* SW Lighting will be terminated in 2023

How Do We Gather and Use Data?

Management, Maintenance, & Quality Assurance of Program Requirements

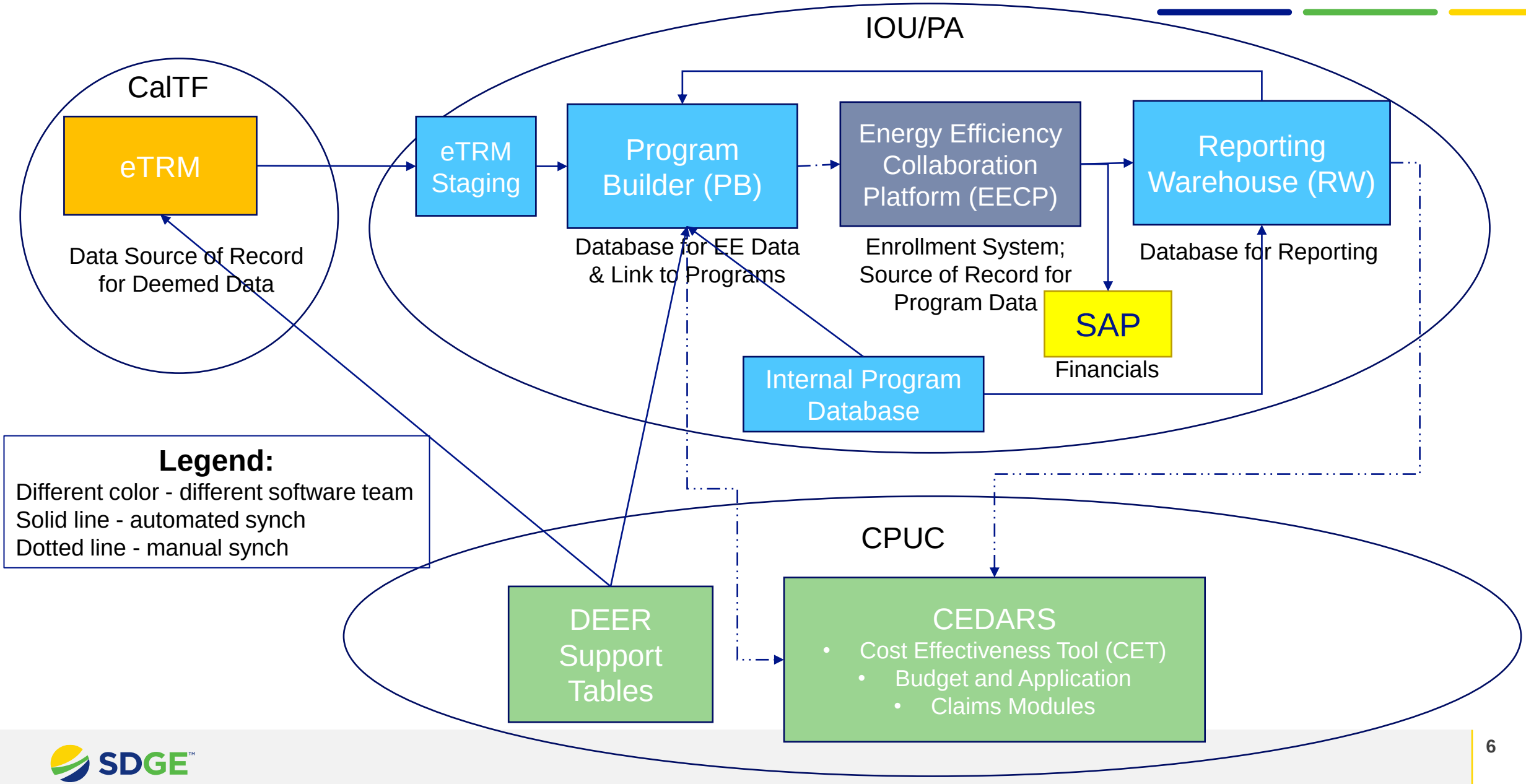


Overview of 3PI Quality Assurance Process



SDGE

Energy Efficiency Data Flow for SDG&E



Observations and Areas to Examine

Key IOU Role is Data Governance	Trend is to Collect More Data	Current Ecosystem Not Well Integrated	Vision/Wish List
Multimillion $ Investment In EE Programs	IT System Readiness is Essential	Many Systems Managed by Multiple Entities	Reduce # of Systems; Consolidate Governance
Regulations Specify Reporting Requirements	Balance Cost of Data Collection Versus Benefit	Systems Don't Seamlessly Connect	Data Transfer Through Documented APIs
Reporting Requires Analysis of Valid Data	Upstream/Midstream Challenge	Changes in One System Impact Others	Connect to Non-EE Datasets to Add Value

Questions?