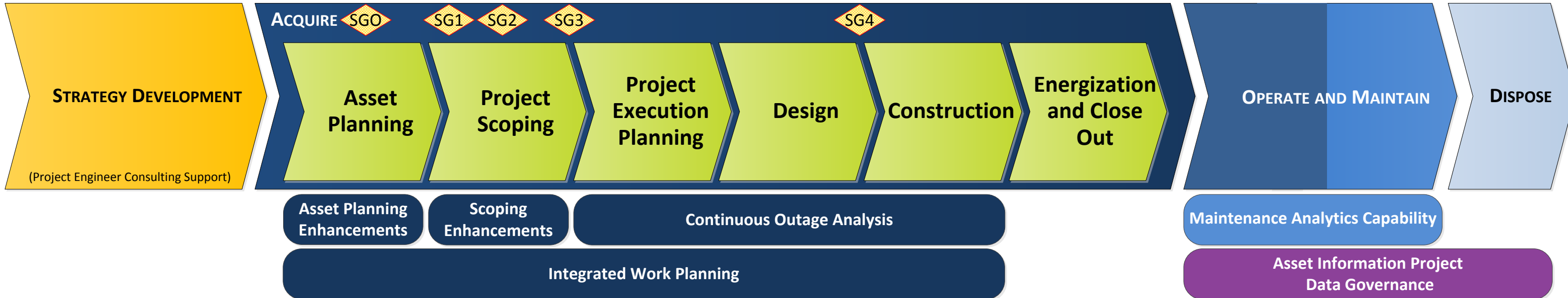
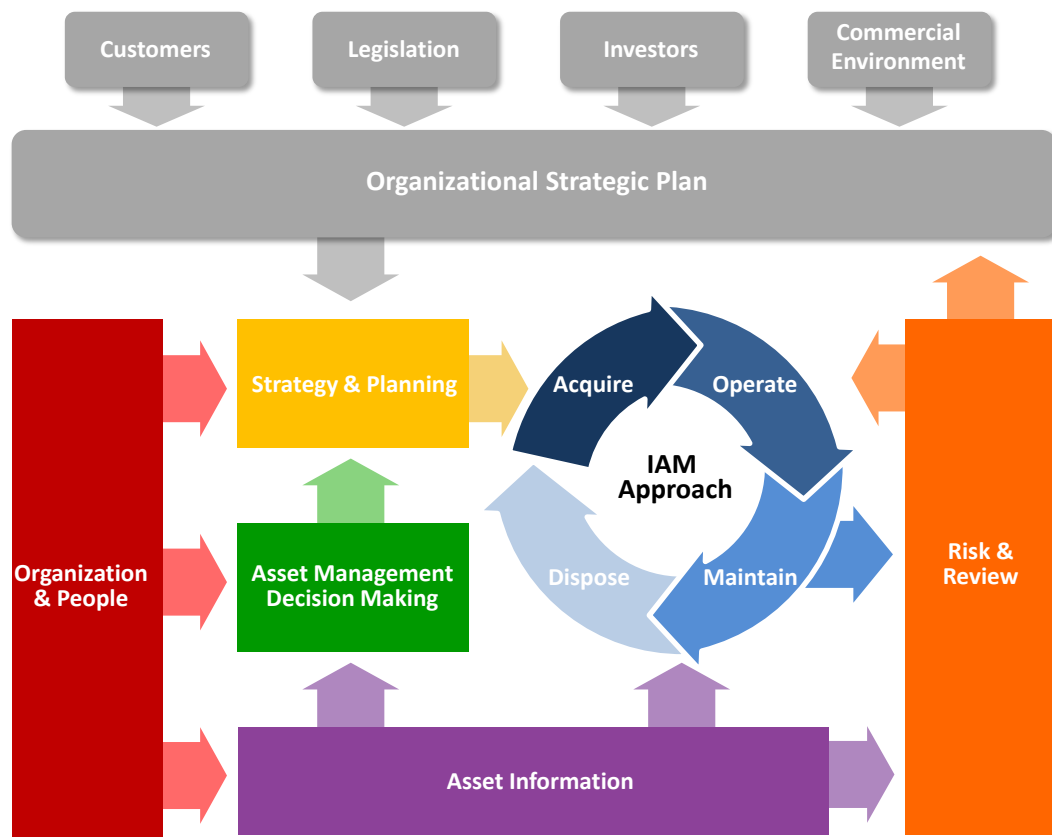


Asset Management Lifecycle Governance Team
 Lifecycle Owners: Pilar Rowe, Paul Fiedler, Amit Sinha, Doug Hunter, Brenda Vasbinder



Institute of Asset Management Framework



Purpose of Asset Management

- Value**
- Use assets to deliver value and achieve business objectives
 - Align assets to the customer value proposition
 - Operate safely
 - Meet regulatory and statutory regulations
- Alignment**
- Asset management decisions are informed by asset capabilities, performance, opportunities, and constraints
 - Asset management activities are aligned throughout the organization and are considered from a system-wide perspective
- Leadership**
- Set clear direction and priorities for asset management
 - Organization structure and culture are conducive to asset management objectives
- Assurance**
- Assets will fulfill their required purpose
 - Asset management objectives are achieved consistently and sustainably over time

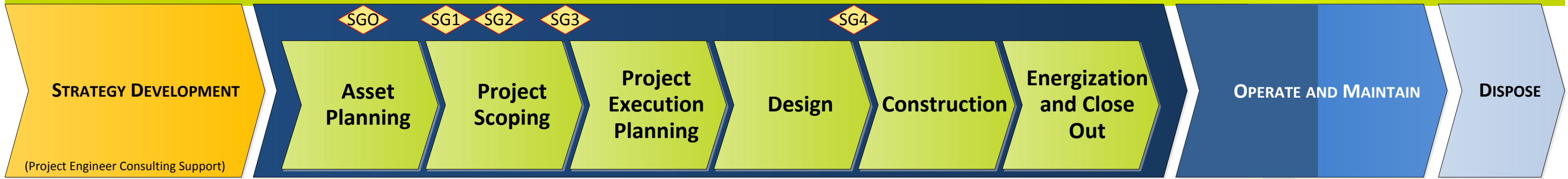
Guiding Principles

- Value**
- Keep a BPA and Transmission perspective
 - Strive for Lean
 - Focus on process
 - Adopt industry standards
- Alignment**
- Integrate disparate processes and organizations
 - Align technology solutions with business
 - Coordinate IT implementations
- Leadership**
- Success is based on leadership and ownership
 - Drive decisions to the right level of management
 - Integrate change management
- Assurance**
- Gain measurable and recognizable commitments
 - Promote continuous improvement as a core competency
 - Provide easily accessible quality data

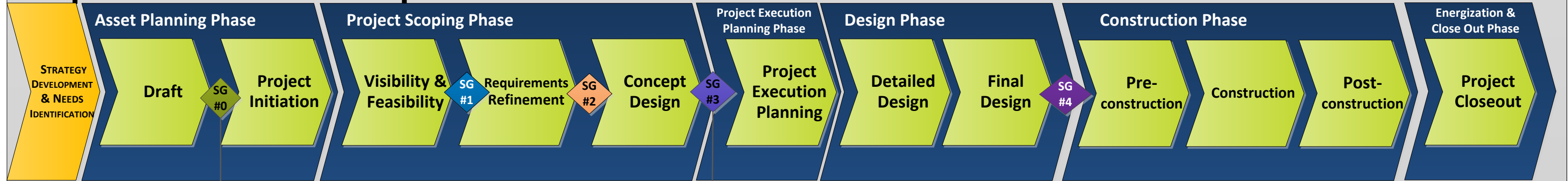
Stage Gate Legend

- SG0 – Entrance to Portfolio
- SG1 – Feasibility Review
- SG2 – Requirements Refinement Review
- SG3 – Concept Design Review
- SG4 – Final Design Review

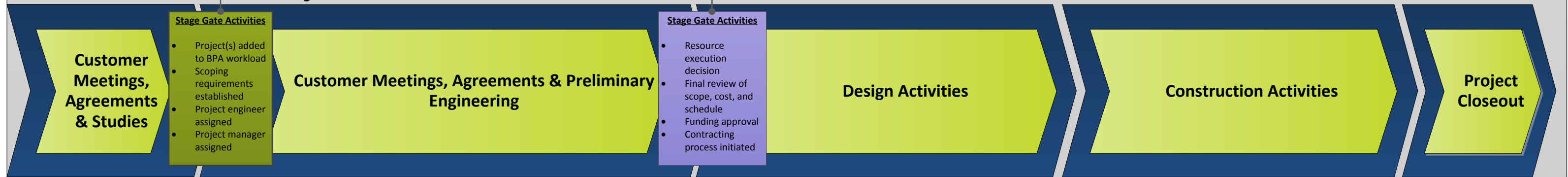




Capital Investment Acquisition Process



Customer-Driven Projects



110 – 200 Days*

190 – 790 Days*

150 – 350 Days*

420 – 900 Days*

30 – 90 Days*

Key Deliverables

- Customer Meeting #1
- Feasibility Study Letter/Agreement
- Feasibility Study
- Customer Meeting #2
- System Impact Study Letter/Agreement
- System Impact Study
- Typical Estimate(s)
- Plan of Service Offered

Key Deliverables

- Customer Meeting #3
- Facilities Study Letter/Agreement Offered
- Preliminary Engineering Agreement Offered
- Environmental Letter/Agreement
- Scoping/Preliminary Engineering Initiated
- Facilities Study Initiated
- Site Visit

Key Deliverables

- Facilities study completed
- Project Schedule Commitment
- Finalized project cost estimate(s)
- Engineering & Procurement or Construction or LGI or SGI Agreement Offered
- Contract Bid Process Initiated

Key Deliverables

- Construction or LGI or SGI Agreement Offered
- NEPA decision by end of Design

Key Deliverables

- Energization / In-service Date

Key Terms

- SG: Stage Gate
- LGI: Large Generation Interconnection
- NEPA: National Environmental Policy Act
- SGI: Small Generation Interconnection

* = Calendar Days