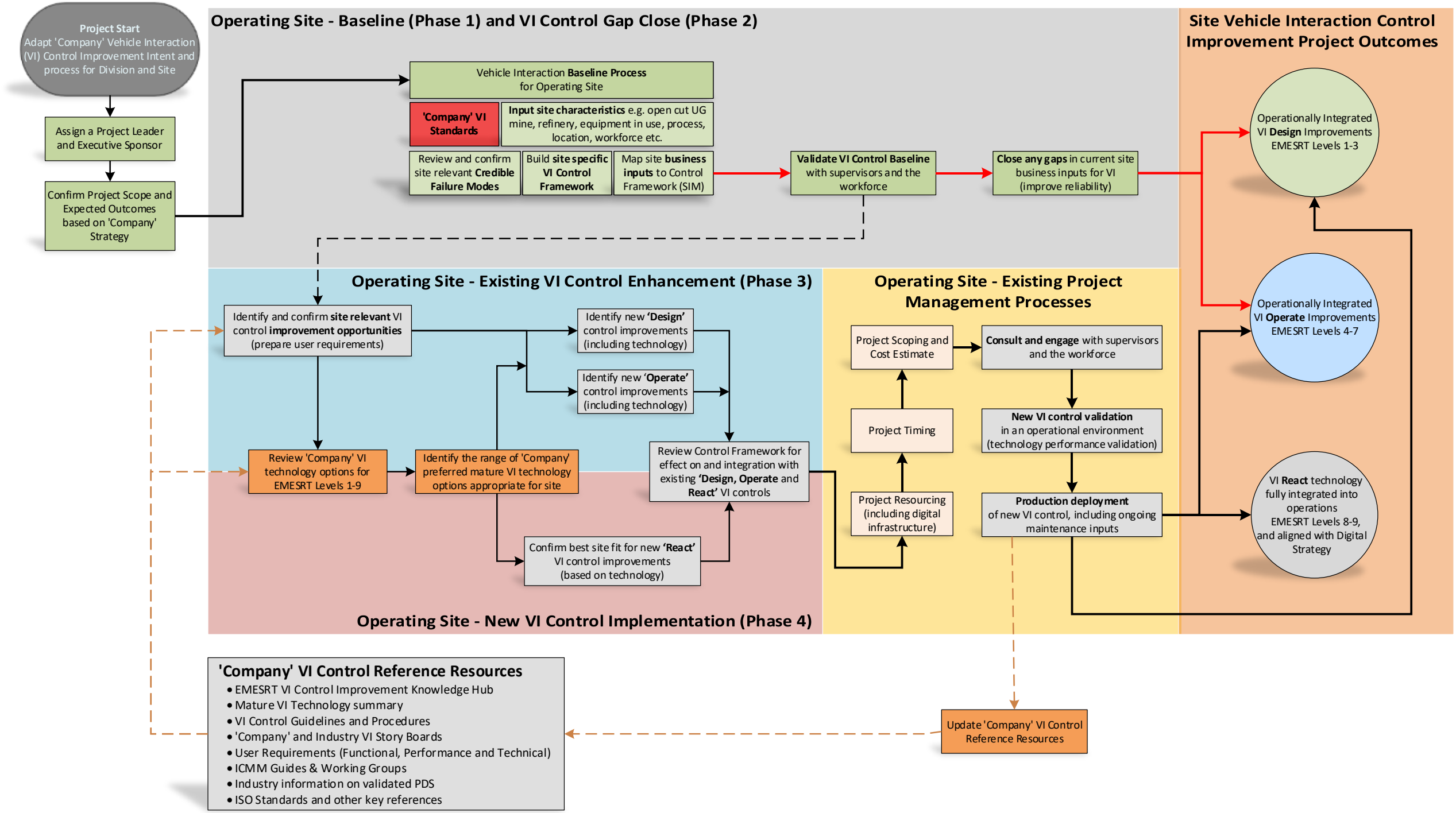
Project Start
Adapt 'Company' Vehicle Interaction (VI) Control Improvement Intent and process for Division and Site
Assign a Project Leader and Executive Sponsor
Confirm Project Scope and Expected Outcomes based on 'Company' Strategy
Operating Site - Baseline (Phase 1) and VI Control Gap Close (Phase 2)
Vehicle Interaction Baseline Process for Operating Site
'Company' VI Standards
Input site characteristics e.g. open cut UG mine, refinery, equipment in use, process, location, workforce etc.
Review and confirm site relevant Credible Failure Modes
Build site specific VI Control Framework
Map site business inputs to Control Framework (SIM)
Validate VI Control Baseline with supervisors and the workforce
Close any gaps in current site business inputs for VI (improve reliability)
Site Vehicle Interaction Control Improvement Project Outcomes
Operationally Integrated VI Design Improvements EMESRT Levels 1-3
Operationally Integrated VI Operate Improvements EMESRT Levels 4-7
VI React technology fully integrated into operations EMESRT Levels 8-9, and aligned with Digital Strategy
Operating Site - Existing VI Control Enhancement (Phase 3)
Identify and confirm site relevant VI control improvement opportunities (prepare user requirements)
Identify new 'Design' control improvements (including technology)
Identify new 'Operate' control improvements (including technology)
Review 'Company' VI technology options for EMESRT Levels 1-9
Identify the range of 'Company' preferred mature VI technology options appropriate for site
Review Control Framework for effect on and integration with existing 'Design, Operate and React' VI controls
Confirm best site fit for new 'React' VI control improvements (based on technology)
Operating Site - New VI Control Implementation (Phase 4)
Operating Site - Existing Project Management Processes
Project Scoping and Cost Estimate
Consult and engage with supervisors and the workforce
Project Timing
New VI control validation in an operational environment (technology performance validation)
Project Resourcing (including digital infrastructure)
Production deployment of new VI control, including ongoing maintenance inputs
'Company' VI Control Reference Resources
• EMESRT VI Control Improvement Knowledge Hub
• Mature VI Technology summary
• VI Control Guidelines and Procedures
• 'Company' and Industry VI Story Boards
• User Requirements (Functional, Performance and Technical)
• ICMM Guides & Working Groups
• Industry information on validated PDS
• ISO Standards and other key references
Update 'Company' VI Control Reference Resources