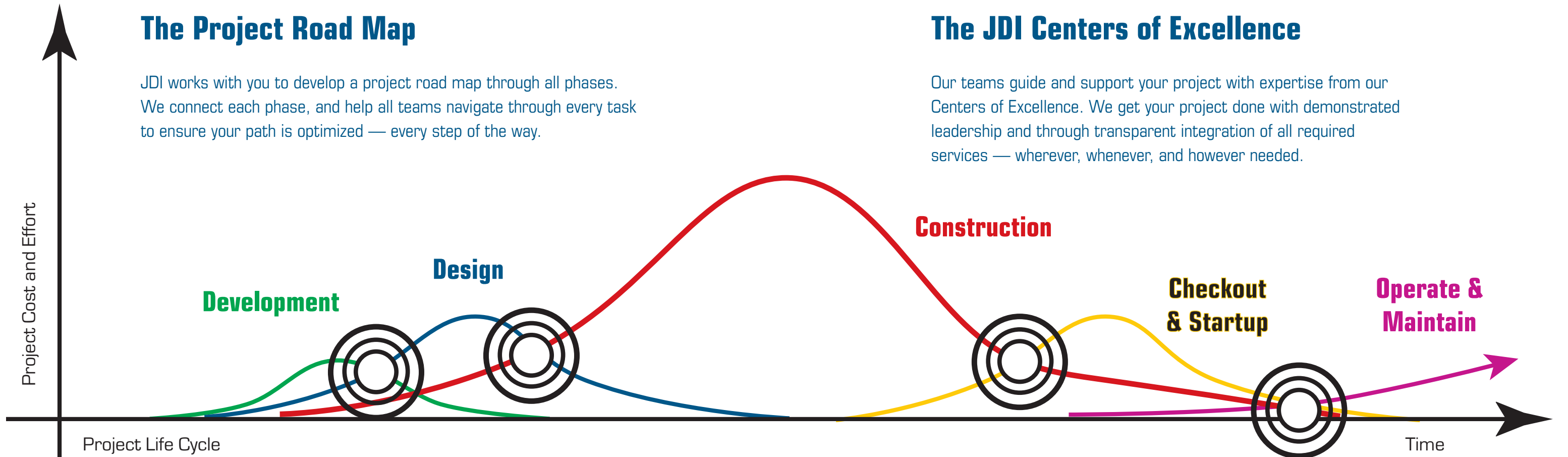


# The Project Road Map

JDI works with you to develop a project road map through all phases. We connect each phase, and help all teams navigate through every task to ensure your path is optimized — every step of the way.

# The JDI Centers of Excellence

Our teams guide and support your project with expertise from our Centers of Excellence. We get your project done with demonstrated leadership and through transparent integration of all required services — wherever, whenever, and however needed.



Project Life Cycle

Time

The JDI Centers of Excellence



### Development

- Build Project Leadership Team
- Identify Strategic Project Objectives
- Develop Master Schedule & Milestones
- Define Roles & Communication Relationships

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- Specify Project Scope
- Develop Engineering & Design Plans
- Develop Process Flow (P&IDs)
- Initiate Permitting Processes

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- Conduct Feasibility Studies
- Develop Detailed Budget & Finance Plan
- Analyze Risks & Develop Risk Mitigation Plan
- Develop Project & Document Databases

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- Develop Mobilization Plan
- Define Safety & Environmental Procedures
- Define Site Access & Security Plan
- Develop Site & Utility Services Plan

### Design

- Coordinate Engineering & Design Efforts
- Begin Project Tracking, Scheduling & Reporting
- Initiate Site Mobilization
- Develop Detailed Construction Plan

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- Develop Design Criteria & System Descriptions
- Integrate Discipline Engineering Efforts
- Develop Bid Specs & Evaluation Criteria
- Perform Constructability Reviews

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- Initiate and Manage Budget & Cash Flow
- Develop Procurement Plan
- Develop IT & Communications Plan
- Implement Document Management Plan

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- Begin Materials & Services Procurement
- Deploy Field IT & Communications Infrastructure Setup
- Field Office & Administration Support
- Set Up Field Warehousing

### Construction

- Lead Construction Management
- Facilitate Labor Management
- Resolve Project Issues
- Facilitate Operations Relationships

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- Evaluate Bids & Ensure Contract Conformance
- Support Multi-Disciplined Field Engineering
- Process Technical & Change Order Requests
- Perform QA/QC Inspections & Manage Punch Lists

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- Track & Evaluate Earned Value
- Manage Budget & Cash Flow
- Conform Contracts & Approve Change Orders
- Audit Contract Performance

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- Manage Materials & Warehousing
- Conduct Safety & Environmental Compliance Tours
- Manage Lockout/Tagout Systems
- Support Document Reproduction & Site Communications

### Checkout & Startup

- Plan & Manage Startup Activities
- Conduct Contract Closings
- Interface with Operations
- Manage Certification Processes

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- Perform Equipment Checkout & Startup Testing
- Complete Function, Sequence & Performance Testing
- Verify Contractor Performance
- Record Set Project Documents

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- Coordinate Project In-Service Declaration
- Negotiate Contract Closings
- Perform Project Audits
- Produce Ad-Hoc Project Reports

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- Support Initial Operations & Training
- Stock & Manage Spare Parts
- Provide Checkout & Punch List Support
- Demobilize Site