

DRILLING & WELL DELIVERY BACKGROUND



PCC implementers have a track history of successful projects in the upstream sector. Our trusted implementers don't just advise—we embed alongside your teams, developing leadership capabilities, coaching frontline personnel, and driving sustainable performance acceleration.

Our data-driven assessment and transformation approach is specifically designed to address the unique challenges for Drilling and Well Delivery. Our comprehensive methodology:

Quantifies current performance gaps through rigorous operational and organizational assessment

Identifies high-impact improvement opportunities with potential for immediate and long-term value creation

Implements proven optimization strategies tailored to your specific operational context

Builds internal capabilities ensuring sustainable results long after our engagement concludes

Tracks and validates measurable improvements against established industry benchmarks

Our integrated approach simultaneously enhances both operational performance and organizational capability—addressing the interconnected human and technical factors critical to drilling excellence.

The PCC systematic transformation journey moves drilling and well delivery activities from current state performance to a future state of industry-leading operations excellence, delivering measurable value at every stage of implementation.



Transforming Results – Making Every Well Count

30-40%

Efficiency Improvement

Data-driven identification and systematic elimination of NPT and ILT) root causes enabling breakthrough drilling performance improvements. 10-15%

Spread Rate Cost Reduction

Direct operational cost savings through optimized drilling programs and enhanced planning processes that minimize costly downtime. +75%

Mindset Engagement

Cultural transformation that creates sustainable change through combined process refinement and capability development.

Combining People, Process and Technology

Unique approach to change that addresses behavioural, process and technology simultaneously to accelerate performance, capability and deliver sustainable results.

Drilling and Well Delivery Tackling the \$100M+ Industry Challenge





Industry Crisis

\$100M+Lost Amually

Due to Invisible Lost Time (ILT) & Non-Productive Time (NPT) in drilling operations

- 75% of well costs come from drilling operations
- 50%+ of delays caused by preventable equipment failures
- 30-40% typical ILT inefficiency in standard operations
- 50% of delays are caused by preventable failures
- 60% ROP variance between modern vs outdated systems



Contractor Challenges

Critical Delivery Delays

Third-party contractors failing to meet expectations

- Slow pace of delivery extending project timelines
- Missed targets and deliverables impacting overall performance
- Reactive rather than proactive problem-solving approach
- Hidden ILT masquerading as 'productive work
- Front-Line Operations not linked to client metrics/goals



Mindset Challenge

Behavioral Transformation

The missing link in sustainable performance improvement

- Lack of accountability and ownership culture
- Slow decision-making processes delaying progress
- Resistance to adopting new operational methodologies
- Cultural barriers to transparent ILT measurement
- Inefficient meeting cadence

PCC's Target Results & Approach



50%

ILT & NPT reduction using Agile methodology



20-30%

Cost savings through systematic optimization



Mindset

Accelerated pace of delivery through performance culture

Transformation

PCC transform both operations AND mindsets, delivering leadership excellence while building a high-performance culture that accelerates pace and ensures sustainable results

Drilling & Well Delivery Approach Optimizing Performance and Capability





PCC Key Benefits:

Worldwide Upstream experience delivering proven success across complex global operations and diverse market conditions.

Improved performance eliminating waste and optimizing tool-time, creating measurable operational efficiency gains that directly impact your bottom line.

Focus on people transformation—engaging and motivating teams through change to ensure seamless transitions, sustained high morale, and accelerated performance.

Building sustainable capability that creates lasting performance behaviors, ensuring long-term success beyond project completion

Implementing breakthrough solutions, not just recommendations—delivering tangible improvements and actionable results that drive immediate value.

Schedule Implementation excellence increases Front Line readiness to execute, eliminating delays and ensuring on-time project delivery.

Core Meeting Cadence (CMC) optimization drives accountability and alignment, ensuring Front Line teams consistently deliver on operational objectives.

Drilling & Well Delivery Approach OPM Implementation Phases





Current State Analysis

A detailed diagnostic to identify the largest areas of opportunity for improvement. Focuses on both processes and team behaviours.

- Performance baseline identification
- Challenge/Opportunities recommendations
- Team mindset and behavior assessment



Implementation Plan

Co-created and agreed with key stakeholders prior to roll out. Ensures alignment, buy-in and accelerated pace of delivery.

- Stakeholder engagement framework
- Rapid execution methodology
- Commitment-based leadership approach



Agile Improvement Teams

Cross-functional teams deployed to tackle specific areas impacting performance. Focuses on pace, accountability and results.

- Sprint-based delivery methodology
- Daily stand-ups for rapid problem-solving
- Optimisation workshops



Core Meeting Cadence (CMC)

Structured daily alignment ensures that Front-Line teams deliver on operational objectives efficiently and with purpose.

- Pre-Phase & Pre-Tour meetings
- Optimized Shift Hand-Overs & focused HSE
- Drill floor Tool Box Talks
- Real time learning and After Action Reviews



Key Metrics

Identifying and tracking the metrics that matter, targeting planned and unplanned downtime to drive continuous improvement.

- Real-time performance dashboards
- Leading indicator development
- Accountability systems for target delivery
- Velocity measurement for delivery pace



Sustainable Capability

Building lasting skills through Leadership Up-skilling sessions and daily Front-Line coaching both offshore and onshore.

- Leadership capability development
- Performance-oriented mindset training
- Knowledge transfer between veteran and new staff
- Contractor coaching for delivery acceleration

Operational Performance Management (OPM)

Structured implementation delivering guaranteed results.

Drilling & Well Delivery Approach Cost, Performance & Capability Focus



End-to-End Drilling Optimization

Maximised Performance

Facilitated reviews to identify design and cost savings aligned with organizational targets.

Rig Spread Rate Control/Reduction

Enhanced understanding and measures to control overall operating costs.

☑ Typical result: 10-15% spread rate reduction

Project/Campaign Optimisation Workshops

Cross-functional team sessions to challenge critical path activities, reduce or eliminate delays.

Typical result: 20% schedule compression

NPT Minimization

Real-time learning and immediate application of key lessons to avoid recurring problems.

■ Typical result: 5-10% NPT reduction

The ILT Advantage: Beyond Traditional Solutions

Invisible Lost Time Identification

Systematic discovery of hidden inefficiencies in routine operations that never appear on morning reports.

Q Typical finding: 30-40% of well time hidden as ILT

Technology Modernization Advocation

Replace outdated systems with modern digital tools to enhance operational pace and efficiency.

Typical result: 65% improvement in drilling efficiency

Effective Meeting Cadence

Increased focus on Metrics to improve decision making and best practices.

Mindset Capability Development

Transform mindsets and behaviors to create sustained high-performance culture.

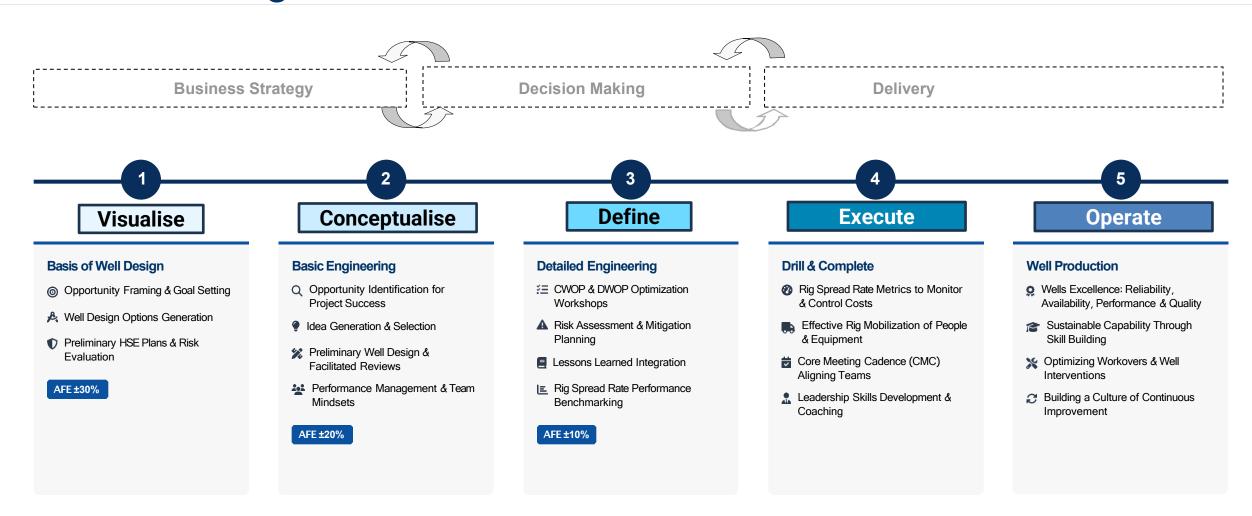
① Typical result: 75% sustainable engagement

The Integrated Approach

We combine process, AND people to deliver both visible and invisible value. While many consultants focus solely on non-productive time, PCC's dual focus on NPT and ILT creates unmatched financial returns and competitive advantage.

Drilling & Well Delivery Approach Front End Loading – 30% Potential Cost Avoidance



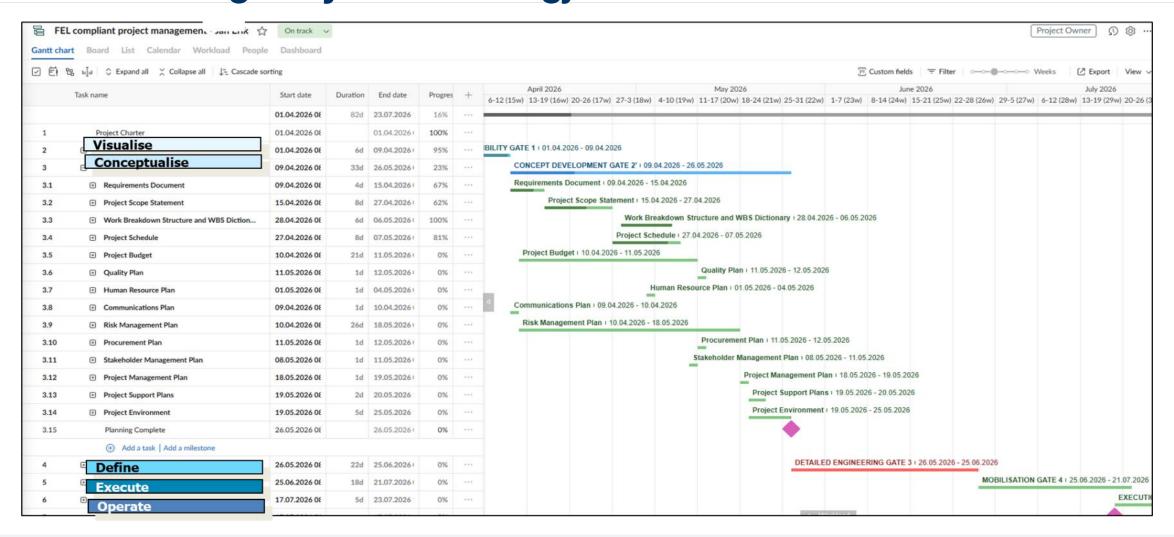


Value Opportunities

Progressively capture, evaluate, and execute improvement opportunities at every stage.

Drilling & Well Delivery Approach Front End Loading - Project Methodology





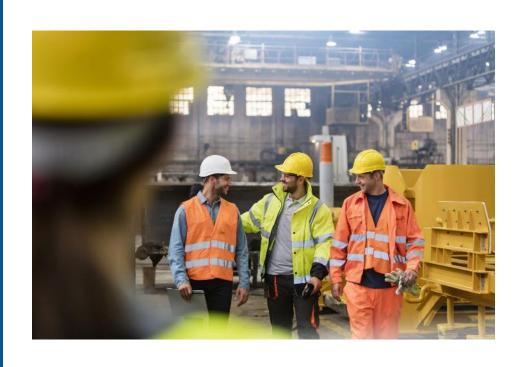
Reducing Costs at the Earliest Opportunity

Early rigorous planning and decision making reduces costs, mitigates risks improves scope definition and sets the strongest foundation for execution.



Drilling & Well Delivery Approach Influencing & Strengthening Process & Behavioural Safety





PCC expertise and competencies include:

Cultural understanding that drives tailored implementation approaches that account for regional behavioural differences.

Risk mitigation assessing and strengthening critical safe systems of work in the field.

Process Safety audits and metrics assessment, driving performance-focused conversations and improved decision-making.

Safety meeting cadence is strengthened with structured terms of reference targeting performance critical metrics and behaviours.

Behavioural observation programs are transformed to achieve greater engagement, ownership, and prioritized action.

Agile Improvement Teams are facilitated to systematically identify, address, and eliminate performance gaps through strategic conversations.

Coaching front-line teams transforming routine morning stand-ups and field walks into powerful risk prevention opportunities.

Safety Capability is accelerated through expert-led practical skill sessions and personalized coaching that create lasting behavioural change.







AS-IS

AS-IS Analysis

Purpose: Understand the current state of processes, systems, organisation, and performance.

Benefits: Provides a clear and objective snapshot of what's currently happening. Identifies inefficiencies, pain points, and bottlenecks. Establishes a baseline for measuring future improvements. Gap Analysis Purpose: Compare the AS-IS and TO-BE

states to identify discrepancies. Benefits: Pinpoints specific areas for improvement. Helps prioritise initiatives based on business impact. Clarifies resource, technology, or skill requirements.

Implementation Plan Purpose: Lay out a structured plan to move from AS-IS to TO-BE. Benefits: Provides a timeline, milestones, and actions to guide the transformation. Improves stakeholder confidence and buy-in. Supports budgeting and resource planning.

Execution Governance Purpose: Continuously manage the change effort through execution. Benefits: Maintains focus and alignment during implementation. Enables agile adjustment as circumstances evolve. Ensures accountability, communication, and value realisation.

TO-BE

TO-BE Design

Purpose: Define the desired future state that aligns with strategic goals.
Benefits: Creates a vision of the optimal end-state—processes, systems, roles, and performance levels. Aligns stakeholders around a shared goal. Inspires innovation and forward thinking.

Road Map For Change

This approach ensures strategic decisions are grounded in reality, ambition is guided by analysis and execution is structured for success

Assessment Methodology Key Focus Areas



Key Focus Areas During the Assessment Include:

Stakeholder Engagement

Our assessment begins with structured interviews across all organisational levels to create a holistic view of current drilling operations:

Executive Leadership Interviews

Middle Management Interviews

Front-Line Team & Contractor
Interviews on and offshore

Cost & Performance Metrics

✓ We analyse your current measurement system to identify disconnects between metrics and delivery:

Metrics Inventory

Costs/Performance Gaps

Maximised Efficiency

Improvement Teams

Contractor Alignment

Core Meeting Cadence Analysis

We conduct a detailed evaluation of your existing meeting structure to identify communication breakdowns and decision-making bottlenecks:

Core Meeting Observations

Meeting Effectiveness

Use of metrics in decision making

Leadership Capability & Culture

✓ We evaluate the human dimension of performance through:

Leadership Capability

Cultural Mindset Evaluation

Front Line Capability Scoring

Knowledge Management

ROI Focus

Metrics-driven approach targets measurable cost/time savings within 6 months

Assessment Methodology Report Out



PCC Facilitate Mid Point and Final Report Outs (Tested With The Client) Which Include:

AS-IS State

- ✓ Insights and Observations
- ✓ Supporting Evidence
- ✓ Recommendations
- ✓ Improvement Considerations
- ✓ Potential Savings Summary
- ✓ ROI Guarantee

TO-BE Proposition

- ✓ Detailed Implementation Plan
- ✓ Road Map
- ✓ PCC Resource Plan
- ✓ Pilot Programme
- ✓ Quick Wins
- ✓ Capability Program
- ✓ Sustainability Approach
- ✓ Change Steering Committee
- ✓ Reporting Structure





Transparency

Mid-point findings validated with client teams before final recommendations.





Key Components

- Cross-functional teams targeting specific performance areas
- Daily stand-ups for rapid problem-solving
- Accountability systems with visible metrics
- Measurable performance improvements tracked and communicated
- Real-time feedback loops enabling continuous adaptation

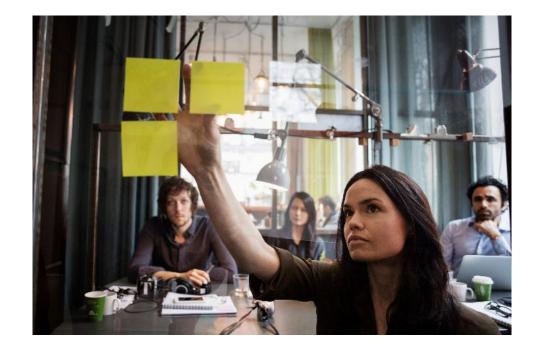




Rapid Implementation

Agile Improvement Teams drive accelerated performance by combining rapid implementation cycles with disciplined measurement, creating a culture of continuous improvement and delivering measurable value in weeks rather than months

Project Delivery Increasing Productivity & Minimising Delays



Detailed planning and execution brining together the right people in targeted workshops to test schedule predictability and execution readiness for key elements of the project schedule.

Effective communication during the Project is enhanced via an improved Core Meeting Cadence (CMC) with appropriate short interval controls to mange discovery work, reduce risks and align team members on the agreed approach.

Minimizing downtime and operational disruptions facilitating conversations to maintaining productivity and strategies to reduce the impact of shutdowns on normal operations.

Ensuring safety and compliance during critical activities involves coaching to adhering to safety protocols and regulatory requirements.

Post-project analysis and continuous improvement focus on evaluating the project process in real time, identifying areas for improvement, and implementing changes to enhance performance.

Project Delivery Strengthening Planning & Execution



Our structured approach maximizes efficiency while minimizing downtime—**delivering up to 10-15% duration reduction** through proven critical path optimization techniques.



Schedule Predictability Session

Rigorous review sessions that systematically identify critical path vulnerabilities, resource constraints, and potential delays before they impact execution.



Readiness Reviews

Comprehensive preexecution assessments that verify resource availability, stakeholder alignment, and operational readiness.



Field Execution Follow-Up

On-site presence and realtime issue resolution that empowers supervisors with decision authority and technical support.



Real-Time Measurement & Learning

Immediate performance tracking and rapid feedback loops that drive continuous improvement throughout execution.

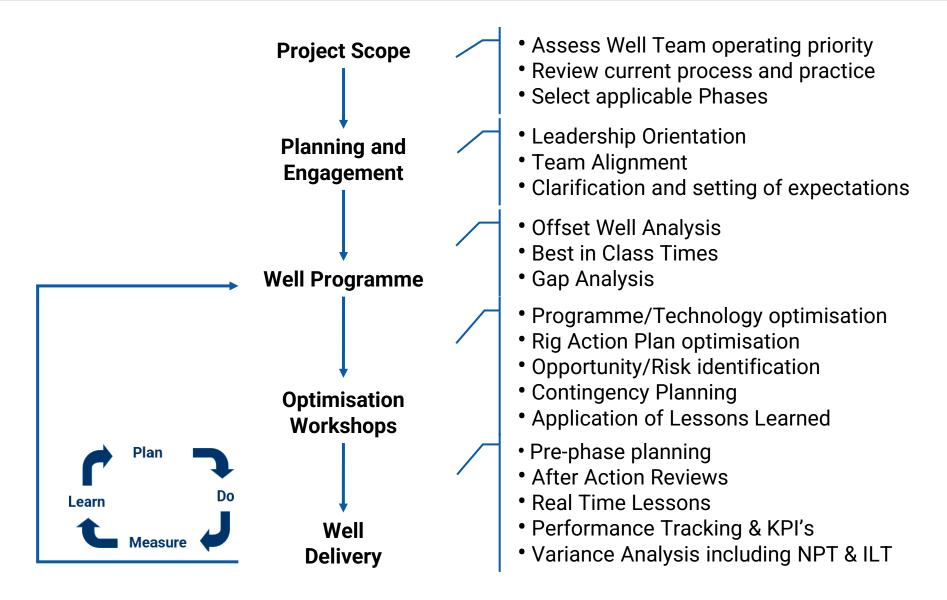
Key Benefits

Drives 85%+ onschedule task completion Ensures 100% readiness before shutdown execution begins Rapid point of work resolution

Agile improvement loops embedded

Maximised Efficiency Workflow





PDML Model Workflow







Technical Limit is what could be achieved in a flawless operation

