Activity management involves the leadership and guidance of a project from start to finish, typically through three phases: strategy development, planning and execution. Risk assessment and control are crucial throughout.

InterAct’s project managers include experienced engineers and operations personnel with a keen understanding of the metrics and drivers for successful projects. They are adept at assessing risks, identifying critical-path activities and managing competing priorities. They place strong emphasis on safety and understand perfectly the importance of cost and schedule control. These skills constitute traditional project management – just one element of what we call activity management.
Activity Management

What activity management involves in practical terms

- **Strategy development** – The identification and formal evaluation of all the available project options followed by the selection of the best way forward.
- **Planning** – Contract strategy, cost estimating and budgeting, stakeholder identification, environmental evaluation, project permitting, scheduling and logistics, and planning for necessary financial approvals for project execution.
- **Execution** – Bid preparation, contractor selection, contractor management, equipment and materials procurement, regulatory compliance and traditional project management and site supervision.

InterAct’s project planning services

- Concept evaluation and selection
- Alternatives and feasibility analyses
- Risk evaluations
- Strategy development
- Cost estimation and schedule preparation
- Decision support package preparation for authority for expenditure funding

InterAct’s activity management services

- Logistics planning and coordination
- Cost and schedule control
- Third-party liaison
- Bid preparation and contract management
- On-site supervision and construction services
- Operational procedure preparation
- Risk management
- Real-time problem solving
- Health, safety and environmental issue oversight
Field Services

Experienced InterAct drilling and wellsite supervisors deliver comprehensive well services for offshore and onshore fields in the most challenging conditions worldwide. InterAct actively provides construction management support services and health, safety and environment (HSE) professionals for a wide variety of projects, including production facility installations, pipeline and platform upgrades, and facility decommissioning.

InterAct is the Pacific region leader in providing qualified, experienced crane operators and riggers for the offshore oil and gas industry to fulfill all types of material handling needs. All crane operators and riggers are trained by the InterAct in-house certified instructor to the latest American Petroleum Institute (API) RP 2D recommended practices.
InterAct’s Field Services

Drilling, completion and production
- Drilling and completion program development
- Wellsite supervision
- Drilling and field production performance improvements
- Workover and completion operations
- Integrated workover control system and high-pressure marine riser for subsea well completions and abandonments

Construction management services
- Site preparation and fabrication oversight
- Material procurement
- Vendor identification and selection (cost- and quality-based)
- Equipment inspections
- Facility installation and commissioning
- Job safety analyses
- Management of change documentation
- HSE program oversight and implementation
- Onsite field supervision
- Quality assurance
- Project expediting
- Regulatory compliance documentation

Crane operation services
- Offshore API-qualified crane operators and riggers
- Crane maintenance, inspection, refurbishment and repair
- Certified crane operation and rigger training

Other field services
- Electrical and instrument support
- General equipment maintenance
- Facility operations
- Structural fabrication, including field quality control inspection
InterAct’s drilling and completion engineers work closely with operators’ geologists and reservoir engineers to prepare cost-effective well designs that reach their objectives and ensure maximum productivity. We have successfully designed and managed drilling projects for horizontal and extended-reach wells, deepwater subsea wells, reservoirs with complex geological formations, and urban drillsites.

InterAct also provides production enhancement activities by undertaking facility and well economic analyses, wellbore reviews and management of slot recovery projects.
Drilling Engineering and Rig Mobilization

**InterAct’s drilling engineering services**
- Drilling and completion design
- Project scoping and cost estimating
- Directional planning and collision avoidance procedures
- Drill stem testing, workover and stimulation programs
- Artificial lift design and optimization
- Subsea well intervention
- Rig and equipment sizing, contracting and procurement
- Safety valve control systems installation and testing
- Advanced tubular design and wellbore thermal modeling using Landmark StressCheck™ and WellCat™ software
- Third-party casing design verification
- Development of standard operating procedures
- Risk assessment and hazard review
- Well and drillsite permitting
- Injection well (underground injection program) permitting

InterAct also supplies on- and offshore wellsite supervisors, both drillsite managers and workover site managers.

**Rig mobilization planning and oversight**
InterAct provides trained and experienced field staff and supervisors to plan and execute drilling rig mobilizations and demobilizations. We offer comprehensive services for all aspects of rig moves, including:
- Rig selection, sourcing and purchase negotiations
- Rig drilling equipment inspection, repair and installation
- Rig construction, remanufacturing planning and oversight
- Platform site structural assessments and modification designs
- Drilling rig layouts and wellsite planning
- Full interface and integration reviews, engineering, procurement and installation
- Marine logistics
- Crane and rigging planning
- Full turnkey rig-up or rig-down operations

We plan. We engineer. We deliver. You succeed.
InterAct’s engineering services range from planning and designing new facilities to optimizing existing systems. Experienced at working in both offshore and onshore environments, our registered professional and field engineers provide innovative and practical approaches to meet our clients’ needs. Our technical staff work closely with our field personnel to engineer reliable solutions that work both on paper and in the real world.

We offer special expertise in equipment layout and materials handling for congested facilities with space constraints. We provide “debottlenecking” solutions to maximize throughput and efficiency of existing plants. When project requirements dictate, we draw on outside associates with whom we have long-established relationships to handle specific requirements in metallurgy, fatigue, hydrodynamics and other highly specialized disciplines.
InterAct's Offshore and Onshore Facilities Engineering Services

- Feasibility studies
- Solar-powered control systems
- Plant “debottlenecking”
- Facility design and engineering
- Facility decommissioning assessments and planning
- Procurement and fabrication specifications
- Structural repair and platform modifications
- Rigging plans for specialized lifts and equipment placement
- Marine installation design
- HAZOP and HAZID reviews
- Specialized operations and maintenance manuals
- Platform and moored vessel installations
- Facility debottlenecking to accommodate increased production
- Piping and instrumentation diagram updates and safety analysis function evaluation chart verification
- Feasibility studies
- Solar-powered control systems

Sample client list
- Amerada Hess
- BG Group
- BP
- Chevron
- ConocoPhillips
- DCOR
- SEMPR Energy
- ExxonMobil
- Genesis
- Legacy Energy/Nimin Energy
- Linn Energy
- Marathon Oil
- Mosaic Oil
- Nexen
- Occidental Petroleum
- Orchard Petroleum
- Oxy Elk Hills
- Oxy USA
- Petro-Canada
- Pioneer
- Plains Exploration and Production (PXP)
- Shell
- Solimar Energy
- Statoil
- Talisman Energy
- Total
- Venoco
- Vintage Production California
- Wood Group

We plan. We engineer. We deliver. You succeed.
Permitting and Regulatory Compliance Services

InterAct offers comprehensive environmental and regulatory services in support of oilfield operations. Our regulatory staff are dedicated to providing high-quality, timely and cost-effective services. We help our clients to achieve their project goals in the most strictly regulated environments by assisting with permit acquisitions, environmental reviews and regulatory compliance program development.

By working as the permitting agent or in support of our clients’ regulatory staff, InterAct has earned the trust of agency representatives – an essential component for project success. Using a mutually beneficial approach, InterAct can minimize permitting review times for complex projects and successfully negotiate reasonable mitigation measures that meet the goals of environmental protection.
InterAct’s Environmental Services

- Strategic planning
- Agency interface and coordination
- Permit application preparation and acquisition:
  - Land use and conditional use permits
  - Zoning clearances
  - Full spectrum of Air Quality permitting services
  - Terrestrial and marine biological surveys
  - Fire department approvals; firefighting capabilities review and design
  - Production and injection wells permits, including well diagram development
  - Visual impact simulations
- Permit scheduling and strategy development
- Environment impact assessments for California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA)
- Endangered Species Act consultations
- Essential Fish Habitat reviews

InterAct’s environmental & regulatory compliance capabilities
- Practical mitigation plan development
- Mitigation monitoring program development and oversight
- Development of compliance plans
- Compliance tracking and reporting
- Regulatory training of field personnel
- Field test scheduling and oversight, for example, asbestos and emissions source tests
- Compliance audits assistance and support, and mock audits
- Real-time permit variance negotiations and acquisitions
- Air quality regulations and permit compliance
Air Quality Permitting and Compliance Services

InterAct provides a full spectrum of air quality permitting and compliance services to the oil and gas industry. Our in-depth knowledge of drilling and production operations makes us uniquely qualified and effective in ensuring our clients’ compliance with the increasing complexity of the air quality and greenhouse gas regulatory framework.

Because InterAct is involved in facility design and construction, it efficiently incorporates air quality permitting and compliance from the start; facility equipment selection decisions are made with compliance to the air quality regulations in mind.
InterAct’s Air Quality Services

- New facility planning: air quality due diligence for new facilities:
  - Production equipment selection based on emissions, thresholds and air quality rules
  - Analyses of potential “road blocks”, permit requirements and applicability of air quality rules
  - Permitting cost and schedule analyses
- Full air quality permit and compliance support of existing oil and gas facilities: permit applications and modifications, and permit compliance
- Equipment and permit audits
- Emission reduction strategy development and related equipment recommendations
- Best available control technology (BACT) cost-effectiveness analyses
- Notice of violation (NOV) appeals and dispute resolution
- NOV fine reduction negotiations
- Face-to-face, on-site support during air district facility audits
- Fugitive emissions and combustion unit inspection and maintenance (I&M) plan development, modification and compliance
- Training of operator technicians to perform internal fugitive emissions I&M programs: emission monitoring in the field, record keeping and reporting
- Emissions reporting and inventories (annual, AB 2588/toxics and greenhouse gases)
- Hydrogen sulfide (H₂S) issue resolution
- Health risk assessments (HRA)
- Flare issues:
  - Development of methods of recording and reporting of flared gas throughput
  - Flare minimization plan preparation
- Guidance on the required laboratory analyses
- Recommendations for dust minimization
- Assistance with various California air districts including Ventura County APCD, Santa Barbara County APCD, San Luis Obispo APCD, San Joaquin Valley APCD and South Coast AQMD
- Assistance with impact assessments and emissions calculations for MMS & EPA approvals
- Compliance with Title V federal regulations, federal permit applications
Facility Decommissioning

InterAct is recognized for its expertise in facility decommissioning and abandonment. We offer one-stop shopping for facilities abandonment, from cost estimating and permitting through to field execution.

InterAct’s offshore decommissioning service offering covers all phases of work from cessation-of-production economic evaluations, site environmental and structural surveys, hydrocarbon and hazardous material removal (cleaning and flushing) to severing analyses and topsides removal procedures. We offer innovative and cost-saving approaches for equipment reuse and disposal.

Onshore, we have safely and successfully executed the removal of numerous facilities, tank farms, pipelines and large-scale equipment within operating facilities and environmentally sensitive areas. Our offering includes site assessment and remediation planning along with site restoration and revegetation capabilities.
InterAct’s Facility Decommissioning Services

- Pre-execution planning and economic evaluations
- Facility removal planning, estimates, schedules and bid packages
- Regulatory compliance and environmental permitting assistance
- Site assessment, remediation and restoration
- Compliance, mitigation and execution plans
- Execution management and site supervision

**Facilities: fixed jacket and tension-leg platforms, floating vessels, marine terminals and onshore plants**

- Well plugging and abandonment (P&A) procedures and planning
- Site surveys and evaluations: environmental and structural
- Piping and equipment flushing and disposal
- Platform deck preparation and removal
- Topsides and jacket toppling or removal and disposal
- Site clearance and surveys

**Pipelines: offshore, nearshore/surf zone and onshore**

- Site surveys and route and tie-in evaluations
- Onshore and offshore pipeline flushing and P&A
- Pipeline removal in sensitive coastal environments: surf zones, beaches, berms and wet lands
- Onshore pipeline removal through creek beds, sensitive habitats and archeological sites
- Abandonment of railroad, road and highway pipeline crossings
- Landowner/title, right-of-way, lease and easement reviews and negotiations