A world designed to last

Project Management Consultancy & Services

Ensuring safe and successful execution of your projects



T.EN TECHNIP ENERGIES

Deep expertise in Project Management Consultancy

Technip Energies' Project Management Consultancy business unit supports contract execution throughout the project life cycle and provides a single point of customer contact. Teams are staffed by experts with extensive experience managing large oil and gas contracts and helping clients control the cost of their investments.

Managing large-scale projects takes more than exceptional project execution capabilities and advanced monitoring tools. It requires people experienced in achieving successful outcomes on large undertakings.

The EPC contractor with best-in-class project management

We help clients achieve their investment objectives and deliver projects by consulting at every project phase. From technology and licensor selection to management of multinational consortia and delivery of turnkey projects, our experts have carried out some of the world's most challenging EPC projects.

QHSE: an absolute commitment

Technip Energies is committed to leading the industry in quality, safety, and environmental integrity providing the best project management practices while ensuring a safe environment for employees, clients, partners, EPC contractors, and subcontractors. Employee health and safety is a core value and an absolute commitment, guided by Pulse, our longstanding health, safety, and environmental program. Pulse is a value-driven program that focuses on leadership and communication to change behaviors and embed a health, safety, and environment culture across the company. It emphasizes training at all levels of staff, starting with senior management, whose embrace of these goals is essential.



Consultancy for all types of projects

Technip Energies is a major player in large EPC project implementation and has developed a comprehensive competency in project management.

Our offering

The success of a project with respect to cost-effectiveness, schedule compliance, safety, operability, and maintainability depends on the project management team and how it integrates with the EPC contractor's project team and the client's representatives. Here's what we provide.

Project management

We manage and integrate the engineering, procurement, and construction phases of the project. Clients with large, complicated capital projects, sometimes in challenging locations, often appoint us their overall program manager. Acting as the single point of contact, we consolidate all contractors and subcontrators, often from diverse cultures and backgrounds, to deliver a successful project.

Resourcing strategy

We identify personnel with relevant experience, maximizing use of local/ regional staff and people with local experience.

Project controls

A detailed understanding of project costs and schedule is critical to effective monitoring. We draw from the group EPC experience to enhance our project management and control capabilities.

Engineering and procurement

We focus on the details in defining requirements, aligning stakeholder teams, and ensuring a disciplined approach to implementation.

Construction

Technip Energies focuses on safety, schedule, costs, taffing, quality, and methods to ensure successful facility construction.
Our experience in executing EPC projects allows us to effectively manage and mitigate risk.

Commissioning

In the commissioning phase, we focus on safety, cleanliness, adherence to specifications, and on-time completion. Our experience in directly commissioning grassroot and brownfield facilities ensures a smooth commissioning phase, with easy access to advice on all aspects of the plant.



We actively manage project risk by:

- Meeting quality, health, safety, and environmental expectations, including flowdown through the prime, sub, and sub-subcontractors.
- Delivering on schedule and meeting budget targets.
- Obtaining experienced, qualified personnel.
- Managing contractors, especially during the EPC phase.
- Delivering fit-for-purpose facilities.
- Achieving national content targets.
- Using proven software tools.

An integrated approach

Our Project Management Consultancy business unit offers wide-ranging services to manage all project phases: feasibility studies, basic design and FEED, detailed engineering and procurement, construction, commissioning, and start-up. We team up client and Technip Energies personnel as needed, with no duplication of roles.

TIMELY MOBILIZATION AND GLOBAL SOURCING

We understand the challenges clients face in awarding contracts "as planned". Consequently, our project teams mobilize immediately following contract award. Our staffing process coordinates global sourcing, identifies skilled personnel, and submits qualified candidates.

As a global company, Technip Energies has a diverse workforce, with personnel and consultants from many backgrounds, geographic locations, and cultures, making our teams creative and dynamic. Our global presence enables us to mobilize people with the right experience in the right place at the right time.

How clients benefit from our experience

Operators face challenges that can influence project value – for example, where to focus often scarce resources and how to optimize existing assets.



EXPERIENCED PERSONNEL

We work with a team located near where the project is being carried out. Depending on the technology involved, different centers of excellence assign personnel to support specific project requirements. HR facilitates and promotes local employment to further the group's expertise and diversity. Our business model is structured to supplement Technip Energies staff with qualified personnel hired from markets where the most experienced engineering and project resources are available.

TECHNOLOGY EXPERIENCE

Technip Energies' broad range of process technologies, capabilities, and experience complement its project management consulting role. To ensure attainment of clients' project objectives, we provide:

- Access to process optimization expertise.
- Access to current market benchmarking information.
- Experience as a FEED and EPC contractor.
- Close client relations and effective communications.
- Design and execution expertise that is practical, cost-effective, and fit for purpose.

EFFECTIVELY STAFFING A TEAM IS A COMPLEX PROCESS

It involves:

- Identifying candidates from the existing staff, and ultimately from external sources.
- Processing CVs.
- Obtaining client approval.
- Initial interviews by HR and technical departments.
- Face-to-face interviews.

The number of applications received can be enormous, overwhelming the HR and technical resources and causing significant delays in mobilizing the team. We manage the entire process, enabling the client to focus on the most important project management issues.

CONTRACTING EXPERIENCE AND MANAGEMENT

- Our commitment to quality, safety, health, and the environment produces outstanding results in all project phases.
- Our EPC contracting experience gives our teams unique insights and expertise in managing each project phase.
- Each project management consultancy team is equipped to optimize designs and recommend realistic execution plans.
- Proven software tools facilitate detailed analysis, optimization, and forecasting of future performance for effective management of project schedule and cost.

State of the art tools

Specialized software tools support project delivery

Our software provides the visibility needed to effectively manage project risks and opportunities. These tools provide perspective, encourage collaboration, and can identify options and simulate potential outcomes for the project team and for executive management. It’s how we unite project teams partners, contractors, and clients – in a common understanding of goals and strategy.

Interface management

Managing interfaces is a major challenge on large projects, notably in identifying where contractors’ scopes overlap and where there are assignment gaps. Every project stakeholder depends on successful management of these interfaces.
The ability to create project teams that work together, with experienced people bringing best practices and practical experience, is critical to success.

DEDICATED TOOLS

Technip Energies has a number of proprietary and vendor-developed software tools to manage collaboration, visibility, decision-making, and follow-up:

- Primavera P6
- xDB – document management system
- IMT – interface management tool
- Acumen – suite of schedule benchmarking,
- risk analysis, and simulation capabilities
- CMS – construction management system
- CDB – change management tool
- OPRA & RMA – risk management tool



Extensive experience

Technip Energies has the depth of experience needed to integrate the activities of the engineering, procurement, and construction functions and to execute this role for world-scale projects, consistently meeting client expectations. It’s no surprise many organizations have chosen us for project management consulting.



Refinery and Petrochemicals Integrated Development (RAPID) Project

Client: Petronas
Location: Malaysia

Project description:
Procurement and Construction Management of 19 EPC contractors and many subcontractors. Petronas is developing a refinery and petrochemicals integrated development project (RAPID) and other associated facilities in Pengerang, Southern Johor, Malaysia. The complex will cover an area of 2,000ha and includes a 300,000-barrel per day crude oil refinery and a petrochemical complex.

Scope of work:
PMC of EPC

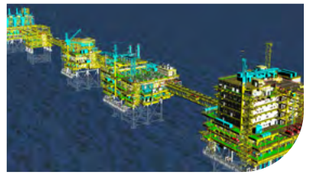


Construction and upgrading of oil and gas infrastructure facilities

Client: Kuwait Oil Company
Location: Kuwait

Project description:
multiple-project frame agreement contract with a minimum duration of five years. Scope includes project management, feasibility studies, front-end design, project controls, planning, engineering, procurement, construction management, and training of client’s project staff.

Scope of work:
FS, FEED, EPCm, PMC



NASR full field development project

Client: Abu Dhabi Marine Operating Company
Location: UAE

Project description:
the Nasr full field development project is aimed at increasing the field’s oil production capacity to 65,000 barrels per day from the existing capacity of 22,000bpd. Package 1 covers Wellhead Towers and Pipelines. In package 2, NASR super Complex includes three bridge interconnecting platforms, flare towers bridge, etc. Package 3 covers all brownfield modifications on DAS Island Processing Facility and Utilities and onshore MOL piping and tie-ins.

Scope of work:
PMC of EPC



Trans Adriatic Pipeline (TAP) Project

Client: Trans Adriatic Pipeline Ag
Location: Italy, Albania, Greece

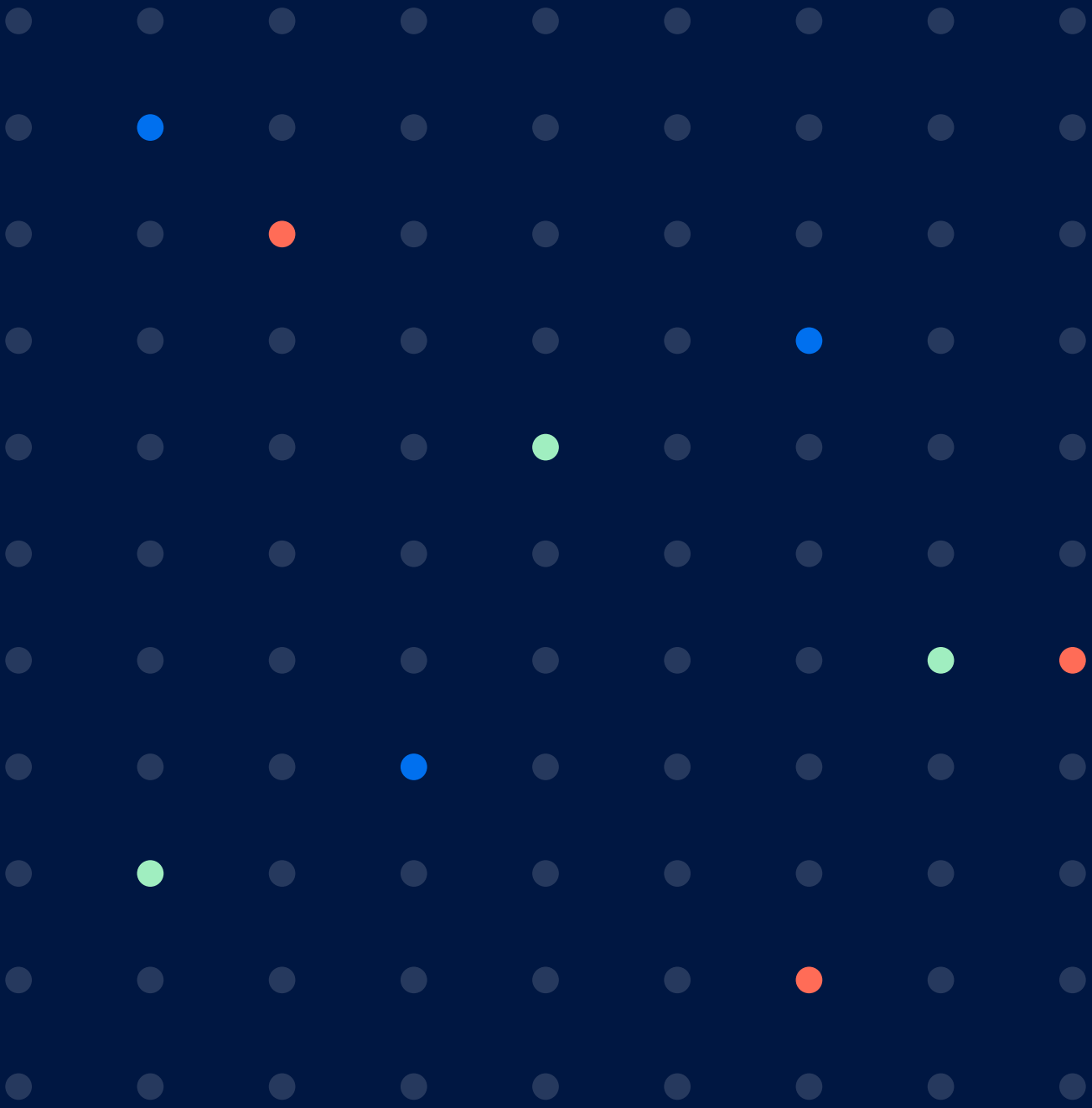
Project description:
Project Management consultancy for the EPC phase of the Trans-Adriatic Pipeline (TAP). Our territory of competence starts on the Greek/ Turkish border, where TAP will connect with the Trans Anatolian Pipeline (TANAP) and be approximately 870 km in length. Responsibilities involve management of 9 EPC contractors and subcontractors, many vendors and consultant engineering firms in several countries during the detailed design, procurement and construction phase.

Scope of work:
PMC of EPC

Our key differentiators



- Outstanding environmental, health, and safety performance
- Global presence and expertise in project execution across the oil and gas, petrochemicals, and refining energy sectors
- Project execution excellence with focus on critical-path items to meet or beat clients’ budget and schedule
- Extensive FEED, EPC, and PMC experience
- Established PMC execution philosophy through technical, project management, and HSE systems and procedures
- Understanding of risks in executing onshore/ offshore projects, running fabrication facilities, and employing engineering subcontractors by EPC contractors
- Cost-consciousness at all levels



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