



Power plant Owner's Engineering

Our experience of developing and operating energy assets for over 100 years means we are the natural first choice for clients needing an independent advocate and source of expertise. We know how to deliver the most cost-effective solutions and optimize your energy projects.

Our solutions

Our clients have different expectations and priorities, so every package is designed to suit your demands.

Best practice or innovative solutions, minimal CAPEX or minimal OPEX – with our in-house capabilities, expertise and experience we ensure your requirements are met.

We supplement your existing teams or manage complete projects and assets on your behalf throughout the project life cycle.

Examples of our services include:

- Feasibility, site and technology studies
- Front end engineering and design
- Schedules, specifications and contract documents
- Permitting and environmental compliance
- Project management
- Engineering
- Quality assurance
- Health, safety, security and environment
- Site management
- Performance, reliability and acceptance testing

We independently identify, validate and supervise engineering solutions, contractors and equipment providers.

Benefits

Top safety standards: We deliver recognized HSSE best practice, with an excellent track record.

Risk reduction: Our experience ensures projects

- Stay in or below budget
- Meet specified quality and time schedules
- Minimize complexity and potential claims.

Cost reduction: Our understanding of and independence from many equipment manufacturers optimizes value for money.

Convenience: Less complexity, fewer interfaces, and our interdisciplinary setup, offer you a one-stop-shop.

We understand your position: Going beyond the consultant role, we leverage and share our decades of experience as owner and operator.



Uniper is playing a key role in the planning and construction management of the 878km Trans-Adriatic Pipeline which will bring 10 bn m³ of natural gas annually from the Caspian Sea into Europe

Selected references

Project	Scope of work	Location	Capacity
878km natural gas pipeline including auxiliary facilities	Permitting, approval planning, project management support, local support.	Greece, Albania, Italy	10 BCM/a
Conversion of coal fired power plant to biomass	Project management incl. engineering, commercial and site management.	France	170 MWel
Biomass fired CHP plant	Technical project management, basic engineering, site supervision, QA/QC management.	UK	2 x 370 MWel
Biomass import terminal	Project and technical project management, site, SHE and QA/QC management.	UK	60,000 t
Waste to energy plant	Technical project management, engineering, QA/QC management, construction and commissioning supervision.	Germany	273,000 t/a waste
Underground gas storage	Basic and detail engineering, site and commissioning management, project management support.	Germany	2 BCM
Gas engine power plant	Project management incl. engineering, commercial and site management.	Brazil	56 MWel
CCGT single shaft	Project management incl. engineering, commercial and site management.	Slovakia	438 MWel
CCGT multi shaft	Project management incl. engineering, commercial and site management, commissioning supervision.	Italy	823 MWel

[More references available - please ask](#)