

# PLANT ENGINEERING SERVICES FOR OPERATIONAL EXCELLENCE



## From Design to Delivery, We Build Future-Ready Plants

Utthunga specializes in delivering comprehensive plant engineering solutions that seamlessly integrates multidisciplinary expertise, advanced digital modeling, and industry-specific knowledge. From greenfield builds to brownfield upgrades & modular deployments, our approach ensures every project meets the highest standards of safety, regulatory compliance, and operational excellence—delivered on time and on budget.

## Our Service Spectrum

### Design & Engineering

Align planning with execution, to convert engineering studies into compliant plant layouts optimized for efficiency, reliability, and safety, including:



Pre-FEED &  
FEED studies



Basic and  
detailed design  
engineering



Procurement  
support & vendor  
coordination



Site &  
commissioning  
support

### Engineering Consulting & Studies

Deliver in-depth technical and compliance studies to ensure clarity and precision in every phase of project planning, including

Energy performance assessments

Environmental and emissions analysis

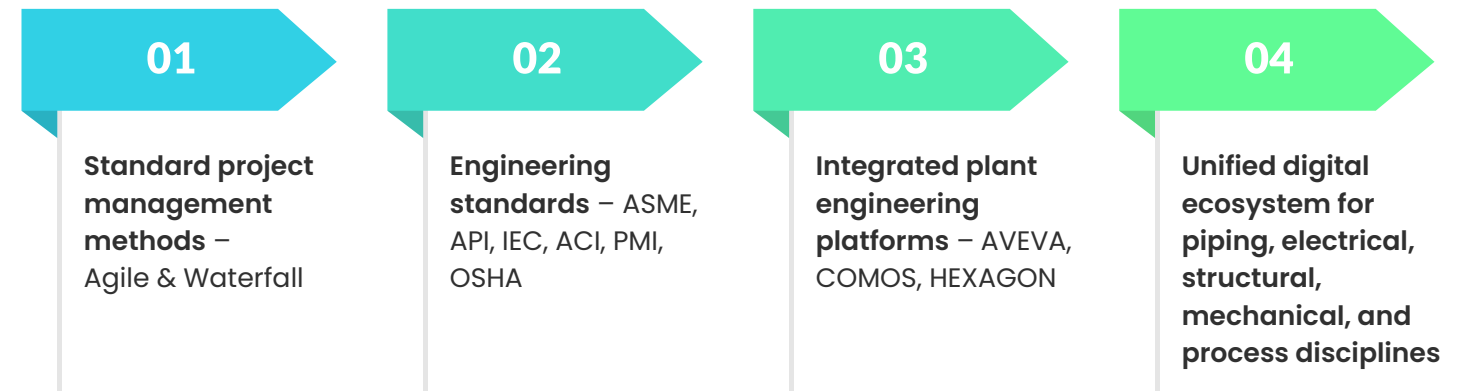
Reliability assessments

Safety audits, HAZOP, and SIL studies



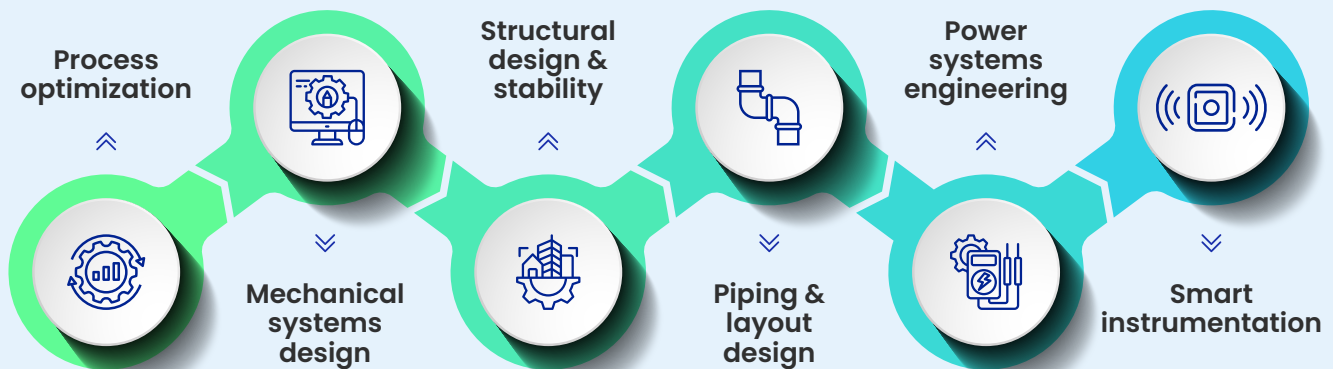
## Process & Plant Modeling

Leverage advanced tools and standards to create highly accurate digital processes and plant models. This is achieved with the help of:



## Multi-Disciplinary Capabilities

Deliver integrated solutions across all core plant disciplines to enable seamless systems integration, and performance-driven operations including:



## Why Choose Utthunga?

### Key Differentiators



#### Digital-First Engineering

Advanced P&IDs, precision 3D modeling, and integrated document management systems eliminate ambiguity, enhance accuracy, and enable seamless multidisciplinary collaboration.



#### Proven Cross-Industry Experience

Our track record spans greenfield, brownfield, and modular plants across various industries, producing designs that hold up under both technical scrutiny and operational conditions.



### Full-Lifecycle Expertise

From pre-FEED to commissioning, we deliver engineering packages that anticipate operational challenges, ensure regulatory compliance, and deliver sustained performance.



### Risk-Aware Design Philosophy

We proactively identify potential failure points, implement robust safety protocols, and build resilience into every system to minimize downtime & operational disruptions.



### Vendor-Neutral Integration Capability

Our platform-agnostic approach ensures smooth integration across diverse systems and multivendor environments without compromising existing infrastructure.



### Global Delivery Model

A delivery approach that combines regional insight with centralized design expertise to ensure consistent quality, regulatory alignment, and timely execution across geographies.

## Proven Results

250+

Global  
Customers

50+

Industrial Plants  
Transformed

25+

FEED & Detailed  
Design Projects  
Delivered

## Industries We Serve

Oil & Gas



Lifesciences  
& Regulatory



Discrete  
Manufacturing  
& Infrastructure



Chemicals



Water &  
Wastewater



Power &  
Utilities



Let's Build Your Plant with Precision Engineering! Start your transformation with a free consultation.  
Visit our [plant engineering services](#) to learn more.