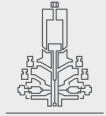




Industrial plant projects are characterised by their production processes. High complexity, state of the art technologies, efficient functions, availability, ecology, economy, commissioning and maintenance need professional systems and methods.



For years, key accounts have been relying on our professional experience in managing turnaround/shutdown projects of the chemical industry.

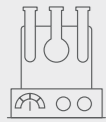
Organisation:

- Shutdown organisation
- Management systems
- Scope definition
- Change management
- Reporting



Deadlines:

- Scheduling and schedule control
- Engineering & procurement
- Resource planning



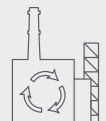
Cost:

- Budget baselines, Cost control, Procurement, Invoice approvals

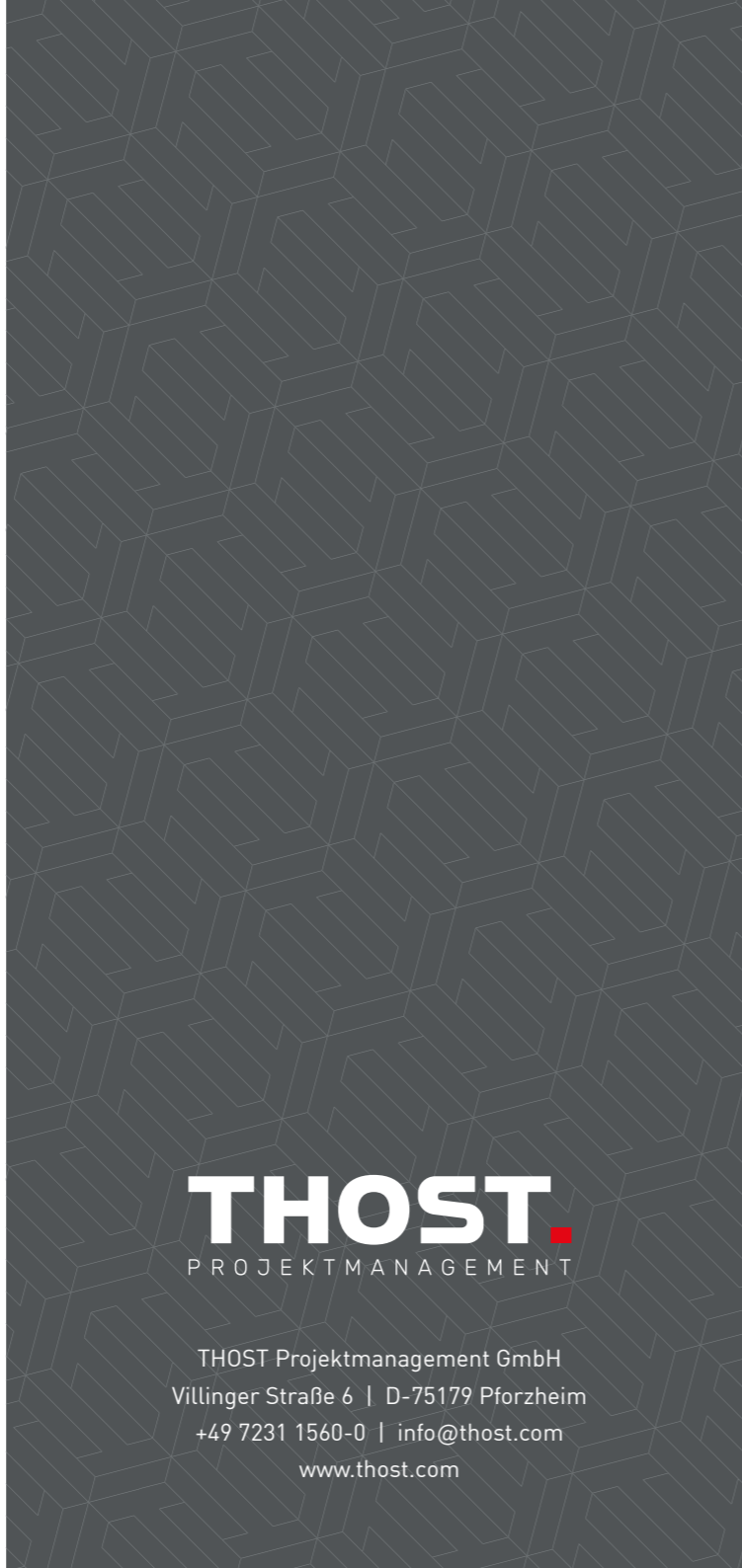


Contract & Claims Management

Clear targets and professional monitoring and control from planning to commissioning are fundamental elements of a perfect project management.



THOST.
PROJEKTMANAGEMENT



THOST.
PROJEKTMANAGEMENT

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**Successful
Turnaround**

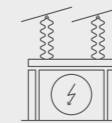


THOST Projektmanagement coordinates and controls the development, planning and implementation of complex projects.

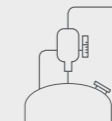
With our unique range of services, we serve national and international clients from trade, commerce and industry - goal-oriented and independently.



From project concept to implementation we create benefit and added value for our client. Clear strategies, efficient methods and consequential implementation form the basis. Unique professional know-how allows optimized solutions, motivated people ensure a successful project: Competencies, responsibilities and personality of our employees



THOST Projektmanagement clarifies targets and conditions, balances teams and organisations exactly to project requirements, coordinates those affected, shows the need for action from the early planning phase through to commissioning and hand over: our project management creates a reliable decision-making basis for cost, deadlines and quality, for risks and opportunities as well as successful contract management for consistent and targeted action.



Reduced turnarounds / shutdowns by dedicated control of risks in all phases.

I Initiating, Planning

Risks / adverse effects

Increased information requirements and possible loss of information

- Numerous stakeholders
- Unknown processes

Quality, deadlines and cost

Mitigation measure / recommendation

- Implementation of reporting system
- Implementation of baselines and schedules
- Implementation of coordination meetings
- List of open points (LOP)

Project control / Project planning

Undefined methods, processes, delayed decisions

- Newly created project teams
- Less experience regarding interfaces to 3rd parties

Quality, deadlines and cost

- Implementation of a clearly structured shutdown organisation
- Preparation of project organisation manual

Project control

Delayed attendance to interfaces

- Countless subcontractors and disciplines
- Short turnaround / shutdown durations

Quality, deadlines and cost

- Scheduling and schedule control
- Define interface matrix and procedures, interface management & coordination

Project control

Insufficient planning

- Changes and additional works
- Uncontrolled cost deviations and undesirable developments

Deadlines and cost

- Implementation of change management system
- Define and control procedures
- Cost control

Project control, Contract & Claims Manager

II Turnaround / Shutdown

Risks / adverse effects

Frequent scope changes

- Late scope definition
- Cascading changes due to late decisions

Quality, project deadlines and cost

Mitigation measure / recommendation

- Definition of scope
- Define change processes
- Implementation of baselines and schedules
- Pro-active monitoring and control

Project control / Schedule control

Delayed commissioning

- Inadequate documentation
- Inattentive documentation efforts by technically focused team members

Project deadlines and cost

- Monitoring and control for document preparation processes
- Implement and support approval process

Project control

III Closing

Risks / adverse effects

Loss of experience

- Demobilization of specific turnaround / shutdown teams
- Long duration until next turnaround / shutdown

Quality → formal turnaround / shutdown closure

Mitigation measure / recommendation

- Implement and support documentation portal
- Facilitate As-Built documentation
- Implementation of QA/QC systems
- Lessons learned

Project control