# Quasar

**EPC Project Support Whenever You Need It.**

# About us | EPC partner since 1994

**Q**

Corporate Data
Quality Management

Quasar has been a trusted **EPC partner** to clients since 1994, working to efficiently solve complex challenges while contributing to some of the most successful processing facilities worldwide.

## WHAT WE DO

- Project Management Support.

## OUR STRENGHTS

- +25 Years Experience.
- Reliable & Trusted partner.
- Know How & Technologies.

## OUR MISSION

- Cut out time through process optimization and accurate measurement.
- Stay compliant and standardized.

ISO 9001
BUREAU VERITAS
Certification

BUREAU VERITAS
1828

# Project Planning & Control

- Advise on and monitoring critical pathways with Primavera, Tilos and MS Project.
- Provide the most up-to-date picture possible of the project's progress.
- Alert the project management in the event of any major deviations from the schedule.
- Coordinate progress and interfaces between the various project disciplines.

- Process technical, financial and staffing information, making connections and presenting the data in the form of transparent reports and diagrams.
- Work with the Risk Manager producing an accurate picture of the scheduling uncertainties so that the agreed milestones can be achieved.

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# Document Control | Technical Secretariat

- Document Origin.
- Templates, Logos & Title Blocks.
- Document Life Cycle.
- Internal/External Document Origin.
- Document Taxonomy.
- Document Types Disciplines.
- Document Numbering System.
- Managing Deliverable/MDR.
- Attributes of Master Document Register.
- Transmittal Log
- Attribute of Transmittal Log.

**WHAT WE DO**

- ✓ Ensuring Quality.
- ✓ Revision Control Issue Status.
- ✓ Document Review Flow Process.
- ✓ Approvals.
- ✓ Document Distribution Matrix.
- ✓ Master, Controlled, Uncontrolled and Superseded Documents.
- ✓ Electronic Filing Structure Naming Convention.
- ✓ Interactions with Engineering Team & Project Managers.
- ✓ Tracking & Expediting.
- ✓ As-built & Final Documentation.
- ✓ EDMS integration & Dashboards.

# Procurement | Main Pre & Post-Order Activities

**WHAT WE DO**

- RFQ based on Project's requirements.
- Vendor's qualification & selection.
- Review of all RFQ received.
- Selection of best proposal / prepare LOA & PO.
- PO Payment Terms & Conditions.
- Invoice Quality Check.

- Execution and monitoring of expediting activities.
- Support of Inspection activities.
- Compliance of QA requirements.
- Project schedule support.
- Progress and cost control in real time.

### Stakeholders

- ✓ Procurement officers, end users, departmental heads.
- ✓ Procurement managers.
- ✓ Procurement team and evaluation committee.
- ✓ Inventory managers, requisitioners and vendors.
- ✓ Auditors.

# HR Management Support

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## Employee Onboarding

Walk new employees through a consistent, accurate onboarding experience.

## Employee Offboarding

Make sure that critical steps in separating an employee from the organization are handled expediently and properly.

## Performance Reviews

Replace Word docs and paper-based tools with an online, automated performance review process including key approval and review touchpoints.

## Travel Requests

Provide employees with a simple form that gathers proper approvals and routes information where it needs to go, whether to an individual or a system of record.

## Leave Requests

Ensure accurate capture of approvals and dates related to employee leave requests, with complete, traceable documentation for compliance.

## Time Sheet Approvals

Employees and contractors can instead submit and track time sheet submissions as they route through the approval process.

## Applicant Hiring and Screening

Capture information, trigger external processes, elicit approvals, and track the process from beginning to end.

## Employee Training and Development

As part of an onboarding program or independently, automating the workflow for training initiatives provides both a systematic and trackable system for ensuring employees move consistently through a module-based series of sessions.
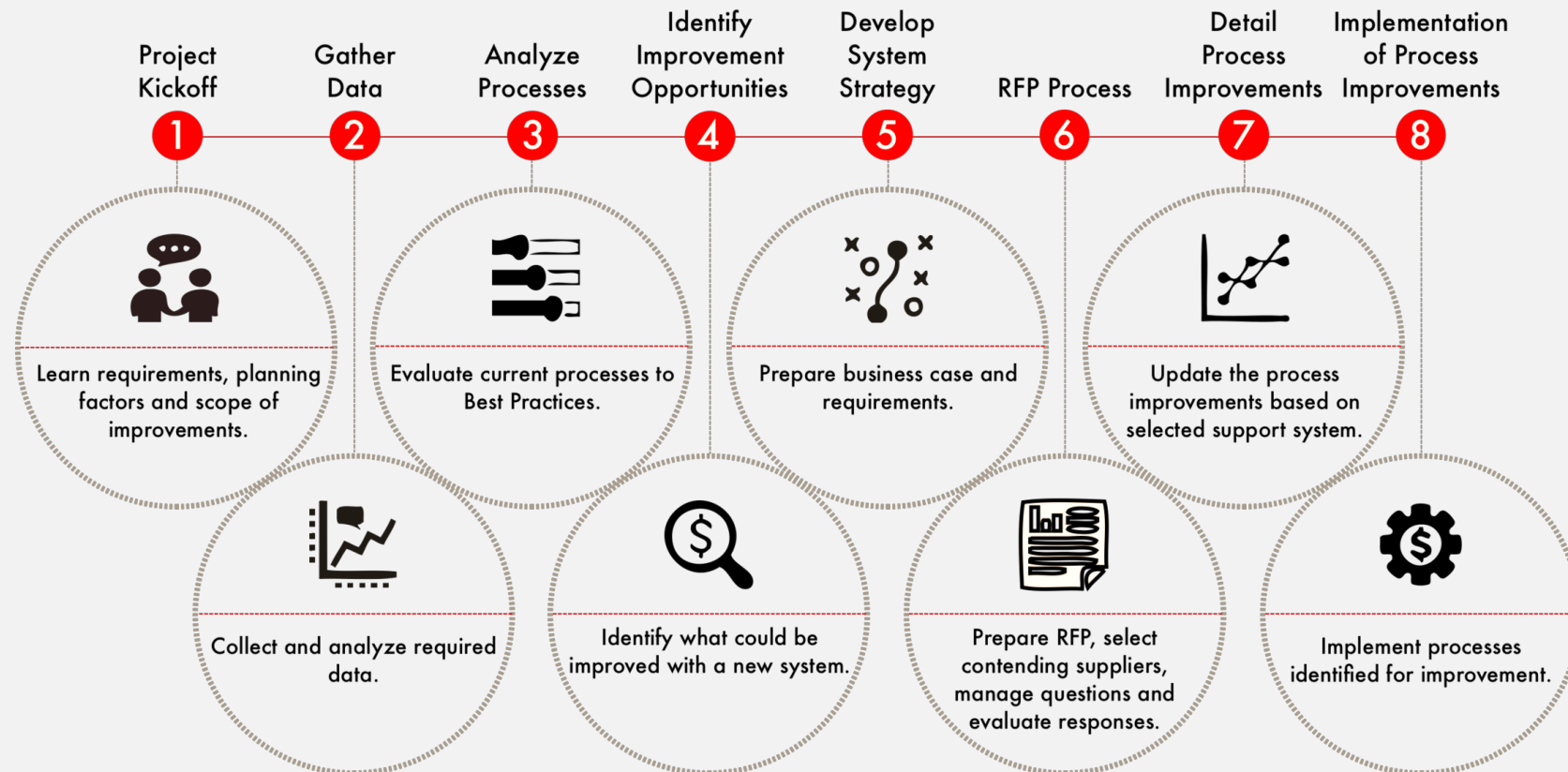
## Documentation Requests

Managers and supervisors who need copies of their staff's personnel files or other documentation can easily request them from a central portal with any required approvals included in the process.

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# Supply Chain Management Support

**Q** Corporate Data Quality Management

**1** Project Kickoff
Learn requirements, planning factors and scope of improvements.

**2** Gather Data
Collect and analyze required data.

**3** Analyze Processes
Evaluate current processes to Best Practices.

**4** Identify Improvement Opportunities
Identify what could be improved with a new system.

**5** Develop System Strategy
Prepare business case and requirements.

**6** RFP Process
Prepare RFP, select contending suppliers, manage questions and evaluate responses.

**7** Detail Process Improvements
Update the process improvements based on selected support system.

**8** Implementation of Process Improvements
Implement processes identified for improvement.

We guarantee the reliability of the flow and of the exchange of information.

# Data Management Process

# Supervised Machine Learning Classification
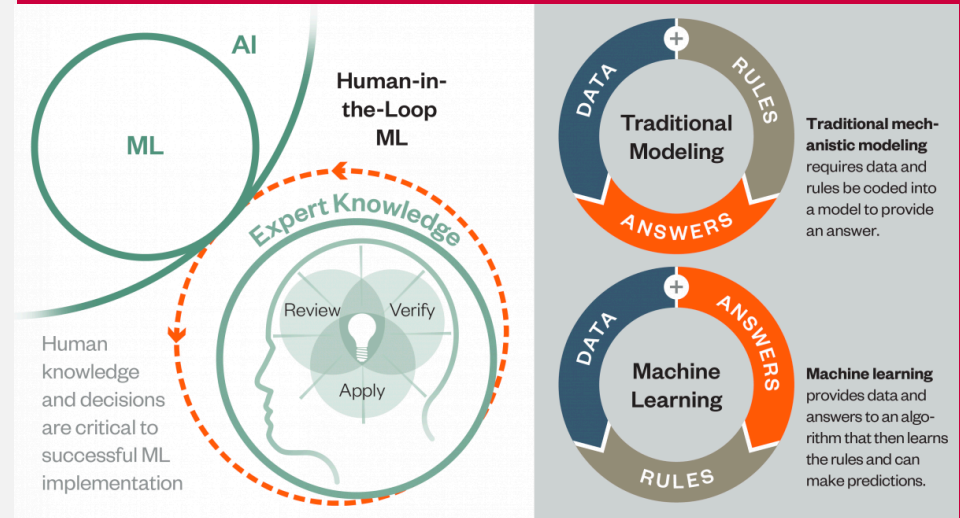
Most machine learning models rely on data that has been prepared by humans. But the interaction between humans and machines doesn't stop there – the most powerful systems are set up such that they allow both sides to interact continuously through a mechanism commonly referred to as "Human in the loop" (HITL).

HITL aims to train an accurate prediction model with minimum cost by integrating human knowledge and experience. Humans can provide training data for machine learning applications and directly accomplish some tasks that are hard for computers in the pipeline with the help of machine-based approaches

# Workflow Tracking Portal

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## Comments Pivot Discipline by Status

| | count | | |
|---|---|---|---|
| **Status** | **Closed** | **Open** | **All** |
| **Discipline** | | | |
| PIPING MATERIAL MANAGEMENT | 299 | 571 | 870 |
| STARTUP MANAGERS | 206 | 617 | 823 |
| PVHE | 470 | 66.0 | 536 |
| SPARE PARTS COORDINATION | 16.0 | 366 | 382 |
| PROCUREMENT MANAGERS & COORDINATORS | 159 | 211 | 370 |
| MATERIAL SELECTION & CORROSION CONTROL | 182 | 126 | 308 |
| PIPING STRESS ANALYSIS | 148 | 144 | 292 |
| HEATERS AND BOILERS | 137 | 135 | 272 |
| CONSTRUCTION | 54.0 | 158 | 212 |

**Comments Sunburst Status by Discipline & Tag**

YF (final) | Closed | PVHE | Procurement | 0.1%

0.1% of total
20% of parent
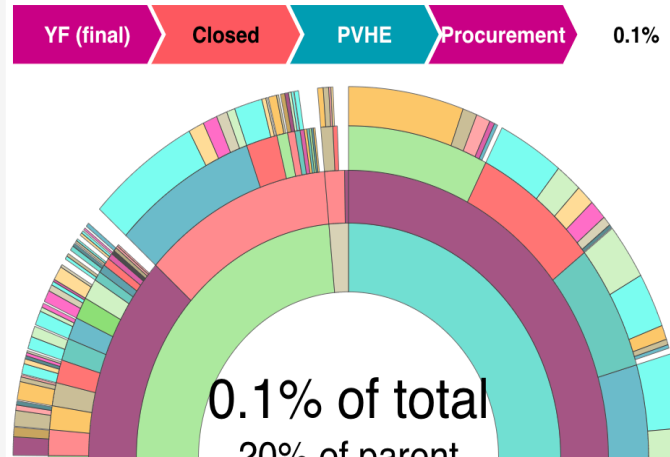
**Owner Response per Tag**

**Owner Response Pivot**

## CUSTOM PROJECT PORTAL

- **Improved decision making** and better adherence to compliance requirements.
- **Guidelines for consistent document appearance**, notation and circulation can be developed for the organization.

- **Standards to maintain the integrity** of the organization's document control system can be easily created and made available for auditors when needed without stress.
- **The reduced risk** of delays, disputes and reworks.

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# Some Technologies, Partner & Know How



## ICT PARTNERS AND KNOW HOW

# Last Project References

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- **SINGAPORE** - NESTE OIL: $1,5 billions
  Renewable Diesel Oil Plant

- **CZECH REPUBLIC** – UNIPETROL €250 millions
  HDPE Unit - EPC

- **LIBYA** - MELLITAH OIL & GAS: $500 millions
  Bahr Essalam Phase II Topside Revamping

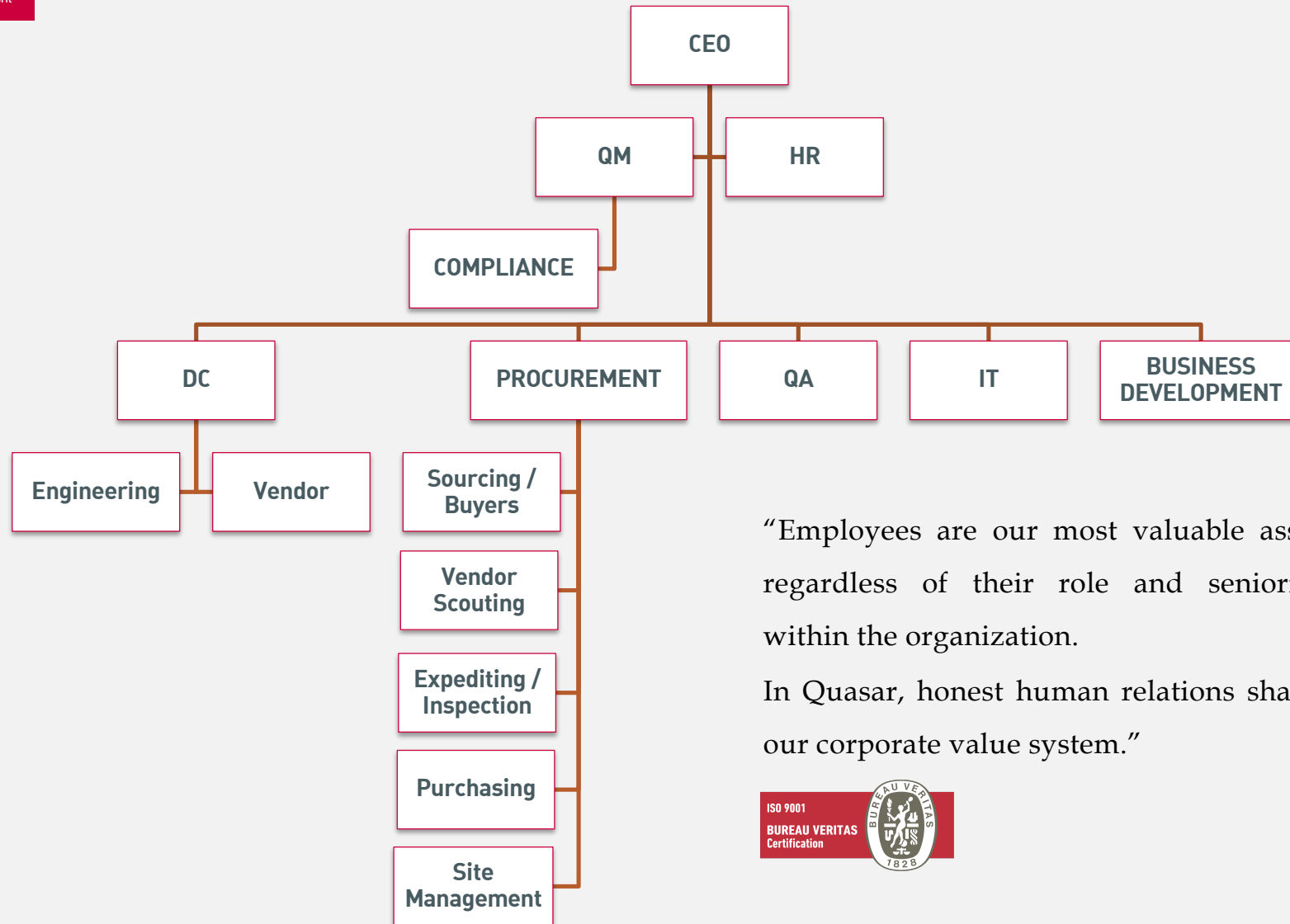- **SLOVAKIA** - DUSLO: €250 millions
  CPAVOK 4 Ammonia Plant

## SOME RUNNING PROJECTS

- **AZERBAIJAN** SOCAR AZERIKIMYA PROD: $50 millions
  Azerikimya Modernization Project

- **GREECE - ALBANIA – ITALY** $250 millions
  TRANS ADRIATIC PIPELINE AG (TAP):
  Trans Adriatic Pipeline's - PMC

- **BAHREIN** BAPCO: $4.5 billions
  Modernization Program - EPC

- **SAUDI ARABIA** - SAUDI ARAMCO BASE OIL:
  $3 billions
  Expansion Project - FEED

# Organization Chart

```
                        ┌─────────┐
                        │   CEO   │
                        └─────────┘
            ┌─────────┐        ┌─────────┐
            │   QM    │        │   HR    │
            └─────────┘        └─────────┘
      ┌──────────────┐
      │  COMPLIANCE  │
      └──────────────┘
```

| DC | PROCUREMENT | QA | IT | BUSINESS DEVELOPMENT |

DC:
- Engineering
- Vendor

PROCUREMENT:
- Sourcing / Buyers
- Vendor Scouting
- Expediting / Inspection
- Purchasing
- Site Management

"Employees are our most valuable asset regardless of their role and seniority within the organization.

In Quasar, honest human relations shape our corporate value system."

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# WORK SMARTER

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