

# Engineering-led delivery for water, energy, and automation.

WHERE THE BEST GET BETTER

We plan, build, and operate critical utility systems across West Africa and Europe with audit-ready documentation, measurable outcomes, and local delivery teams.



SYSTEMS DELIVERED

**120+**

Water, energy, automation

AUDIT SUCCESS

**95% pass rate**

Regulated environments

RESPONSE SLA

**24-48 hours**

Field + remote support

PREPARED BY

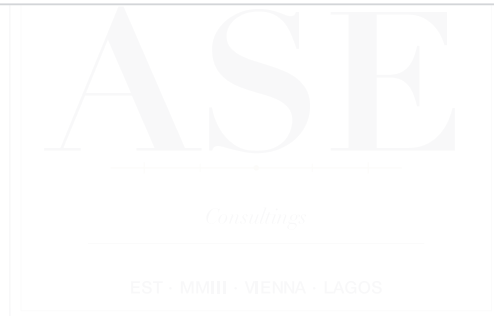
ASE Consultings

REVIEWED BY

APPROVED BY

## Contents

Executive summary	3
Company overview	4
Core services	5
Service at a glance	6
Water systems	7
Energy + automation	8
Delivery model	9
Case highlights	10
Footprint + contact	11
Appendix: glossary	12



EXECUTIVE SUMMARY

**ISO-backed delivery with measurable experience**

ISO-BACKED DELIVERY

**9001 / 45001**

QUALITY + HSSE

PROJECTS DELIVERED

**120+**

ACROSS UTILITIES

YEARS ACTIVE

**12+**

REGULATED DELIVERY

OUTCOME HIGHLIGHTS

**Three KPIs that repeat across engagements**

AUDIT READINESS

**95% pass rate**

QA + VALIDATION PACKS

ENERGY SAVINGS

**10-20%**

TARIFF OPTIMIZATION

AUTOMATION LIFT

**40% fewer steps**

WORKFLOW REDESIGN



WHO WE ARE

WHERE THE BEST GET BETTER

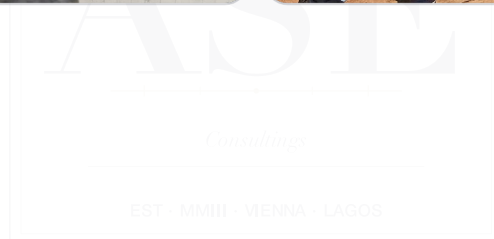
## Utilities delivery with local engineering depth

### What we do

We design, commission, and maintain water, energy storage, and automation systems for regulated and mission-critical environments. Our team aligns scope, compliance, and performance from feasibility to aftercare.

### How we work

Single accountability, structured deliverables, and disciplined validation. Each project includes a documented scope brief, delivery timeline, and KPI baselines to protect quality and budgets.



SERVICES

### Integrated delivery across the utility stack

#### Water systems

- PW/HPW/WFI, process water, and industrial treatment.
- Residential filtration, analysis, boreholes.
- Compliance-aligned documentation and validation.

#### Energy storage

- BESS sizing, EPC, commissioning, and O&M.
- Tariff optimization, uptime, and grid stability.
- Utility, C&I, and residential deployment.

#### Automation

- PLC/SCADA, EMS/BMS, and workflow integration.
- Remote monitoring and alarm management.
- Documentation, training, and handover.

#### Aftercare

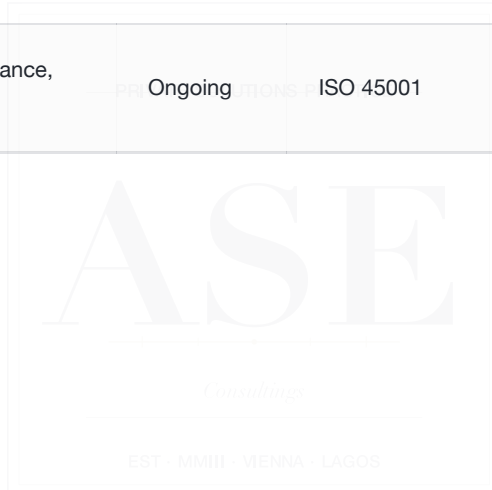
- Preventive maintenance and spares.
- Remote diagnostics and SLA-based support.
- Ongoing compliance and performance reviews.



SERVICE AT A GLANCE

Scope, lead times, compliance, and deliverables

SERVICE	SCOPE	LEAD TIME	COMPLIANCE	TYPICAL DELIVERABLES
<b>Water systems</b>	PW/HPW/WFI, process water, residential filtration	8-12 weeks	GMP, USP/EP, WHO	URS, DQ, IQ/OQ, SOPs, validation pack
<b>Energy storage</b>	BESS design-build, EPC, retrofit	6-10 weeks	IEC, local grid codes	Load study, EMS setup, commissioning report
<b>Automation</b>	PLC/SCADA, monitoring, workflow integration	4-8 weeks	ISO 9001, ISO 27001 aligned	Control logic, alarm matrix, training pack
<b>Aftercare</b>	Preventive maintenance, spares, SLA	Ongoing	ISO 45001	Service logs, response SLAs, KPI reports



WATER

# Water systems engineered for audit readiness

PW/HPW/WFI and process water systems delivered with validation packs, SOPs, and clear handover.



## TYPICAL LEAD TIME

**8-12 weeks**

SURVEY TO COMMISSIONING

## COMPLIANCE COVERAGE

**GMP / USP / EP**

VALIDATION PACKS

## RESIDENTIAL RESPONSE

**48-72 hours**

SAMPLING + ASSESSMENT

ASE

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EST. MMIII · VIENNA · LAGOS

## Stability, uptime, and control across critical assets

### Energy storage

Modular BESS systems sized for tariff control, uptime, and peak shaving. Includes EMS, protection settings, and monitoring dashboards.

### Automation

PLC/SCADA delivery with alarm management, workflows, and service escalation paths built in.



DELIVERY MODEL

Clear milestones from survey to aftercare

SURVEY

DESIGN

COMMISSION

AFTERCARE

Key deliverables

- URS, DQ, FAT/SAT, IQ/OQ documentation.
- Commissioning reports and training packs.
- Performance KPIs with baseline and targets.

Risk control

- Early scope brief and readiness checklist.
- Clear ownership and response SLAs.
- Validation and audit evidence included.

Predictable delivery comes from clear scope, disciplined QA, and aligned documentation.



CASE HIGHLIGHTS

**Selected outcomes**

**Dialysis water rooms**

**99.5% uptime**

ISO 23500 alignment with redundancy and OQ evidence.

**Urban service reform**

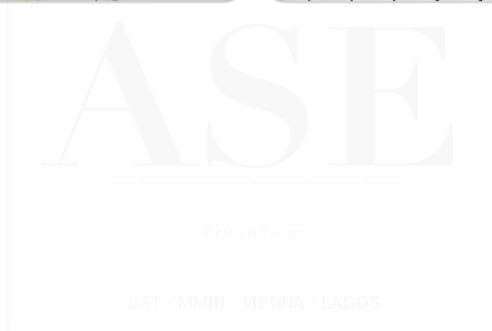
**30% NRW reduction**

District metered areas and service standardization.

**Grid-scale storage**

**10-18 mo payback**

Dispatch model + EMS controls for value stacking.



FOOTPRINT

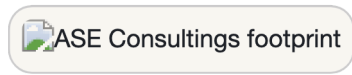
### Local delivery across Europe and West Africa

#### Core locations

- Lagos
- Abuja
- Accra
- Lisbon
- Vienna
- Bucharest

#### Service coverage

- On-site commissioning teams
- Remote diagnostics and monitoring
- Local spares and warranty support



CONTACT

### Start your scope brief

Email [info@aseconsultings.com](mailto:info@aseconsultings.com) or visit [aseconsultings.com](http://aseconsultings.com) to request a scoped proposal and delivery plan.



WEBSITE  
[aseconsultings.com](http://aseconsultings.com)



WHATSAPP  
[wa.link/ycr3ie](https://wa.link/ycr3ie)

APPENDIX

**Glossary of common terms**

TERM	MEANING
<b>PW</b>	Purified Water used in regulated production environments.
<b>HPW</b>	Highly Purified Water with tighter microbial control.
<b>WFI</b>	Water for Injection meeting pharmacopeia standards.
<b>BESS</b>	Battery Energy Storage System for uptime and tariff control.
<b>IQ</b>	Installation Qualification to verify equipment setup.
<b>OQ</b>	Operational Qualification to confirm functional performance.

