

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

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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

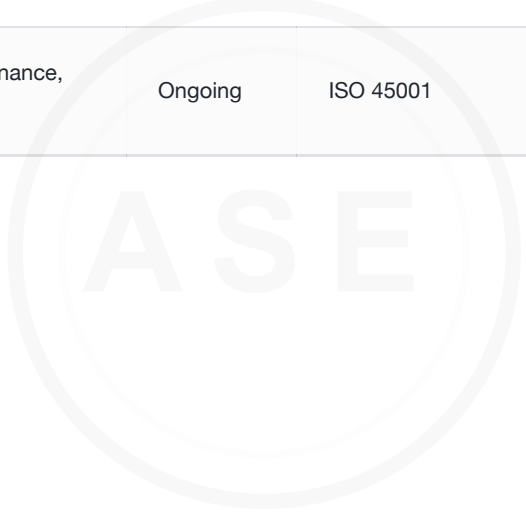
- Preventive maintenance and spares.
- Remote diagnostics and SLA-based support.
- Ongoing compliance and performance reviews.



SERVICE AT A GLANCE

Scope, lead times, compliance, and deliverables

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

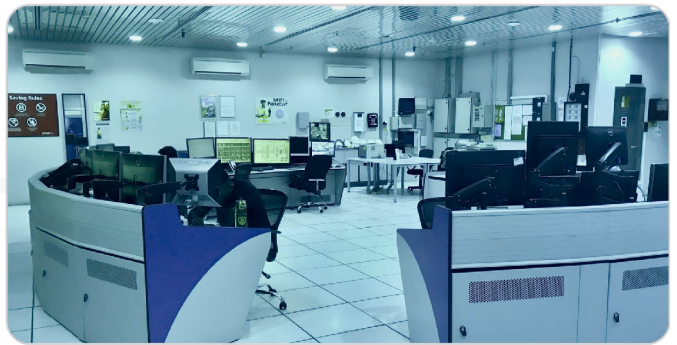
Stability, uptime, and control across critical assets

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

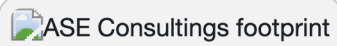
Local delivery across Europe and West Africa

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 or visit aseconsultings.com to request a scoped proposal and delivery plan.



WEBSITE
aseconsultings.com



WHATSAPP
wa.link/yr3ie

APPENDIX

Glossary of common terms

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

