



# ENGINEERING SUSTAINABLE INFRASTRUCTURE

Integrated EPC, O&M, asset performance and advisory solutions for municipal and industrial systems.

EPC & TURNKEY

O&M

WATER & WASTEWATER

MANUFACTURING

COMPANY PROFILE



## Built for infrastructure that must perform.

ACES combines field execution, technical problem-solving, commercial discipline and stakeholder coordination in a single, agile platform.

### OUR POSITIONING

**An agile specialist partner for sustainable manufacturing solutions**



### Water-focused

Municipal and industrial water, wastewater, reuse and pumping systems.



### Lifecycle delivery

Support from assessment and engineering through construction, commissioning and O&M.



### Multi-stakeholder ready

Structured coordination across clients, consultants, contractors, authorities, communities and vendors.



### Compliance-conscious

Safety, quality, documentation and statutory requirements embedded into project delivery.

Our approach balances technical fit, operational reliability, lifecycle cost, safety and stakeholder confidence.

# Vision, Mission & Values



## VISION

**To become a trusted engineering and environmental solutions partner enabling resilient, efficient and sustainable infrastructure.**



## MISSION

**Deliver fit-for-purpose projects and O&M solutions through technical excellence, safe execution, transparent governance and measurable performance.**

## CORE VALUES



**Safety First**



**Integrity**



**Quality**



**Accountability**



**Sustainability**



**Collaboration**



**Innovation**



**Timely Delivery**

# Integrated Service Portfolio

A single-window platform connecting engineering, execution, operations, commercial management and compliance support.

*Documented excellence in providing expertise in SWACHH BHARAT MISSION enabling **Lucknow City to secure 3<sup>rd</sup> Rank in Swachhta Survekshan***



## EPC & Turnkey Projects

End-to-end delivery from scope definition and BOQ to commissioning and handover.



## STP, WTP & ETP Systems

Design-build, rehabilitation, augmentation and performance improvement.



## Operations & Maintenance

Plant, pumping station and network O&M with KPI and asset focus.



## Pumping & Transmission

Pumps, pipelines, valves, manifolds, mechanical systems and civil interfaces.



## Asset Management & Audits

Condition assessment, technical audits, maintenance planning and improvement roadmaps.



## Environmental Advisory

Compliance mapping, documentation, reuse and sustainability support.



## Procurement & Contracts

RFQ, bid evaluation, negotiation, vendor development and contract administration.

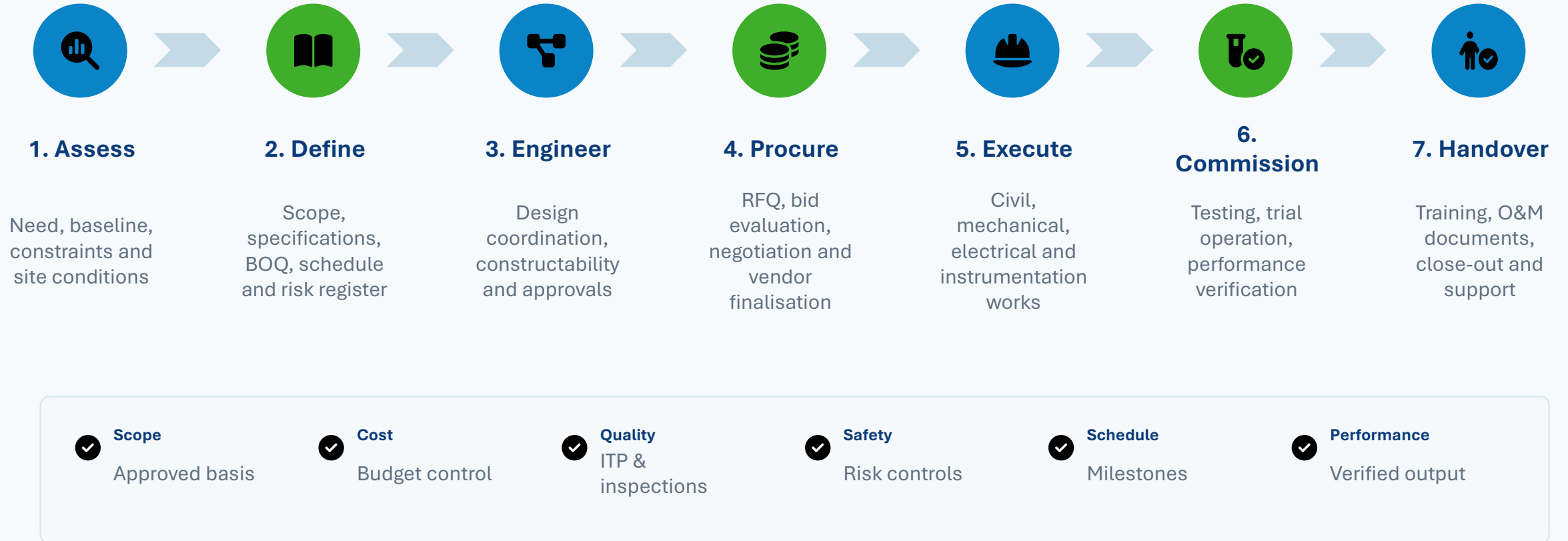


## Stakeholder & Public Interface

Governance, reporting, grievance coordination and communication support.

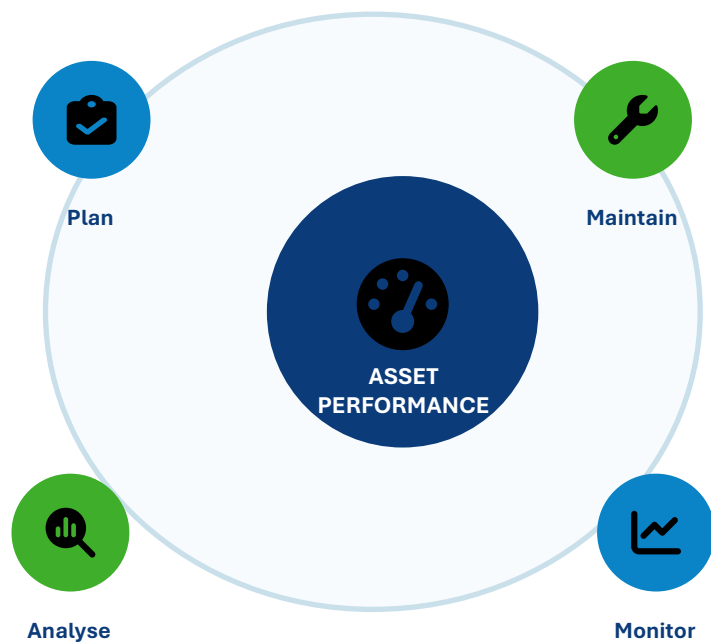
# EPC & Turnkey Delivery Lifecycle

A controlled delivery model with defined stage gates for scope, cost, quality, safety, schedule and performance.



# Operations, Maintenance & Asset Performance

## Performance Management Cycle



## O&M Capability



SOPs, checklists, logbooks, MIS and KPI monitoring



Preventive, predictive and corrective maintenance



Breakdown analysis and root-cause corrective action



Spare-parts planning, shutdowns and OEM/vendor coordination



Energy, chemical, manpower and lifecycle-cost optimisation



Asset registers, condition assessment and improvement roadmaps

# Environmental, Technical & Commercial Advisory

Practical advisory that converts technical findings into clear scopes, actions, approvals and management decisions.



## TECHNICAL

Condition assessment, process review, troubleshooting, DPR inputs, BOQ and specifications



## ENVIRONMENTAL

Compliance mapping, reuse studies, corrective action plans and sustainability documentation



## COMMERCIAL

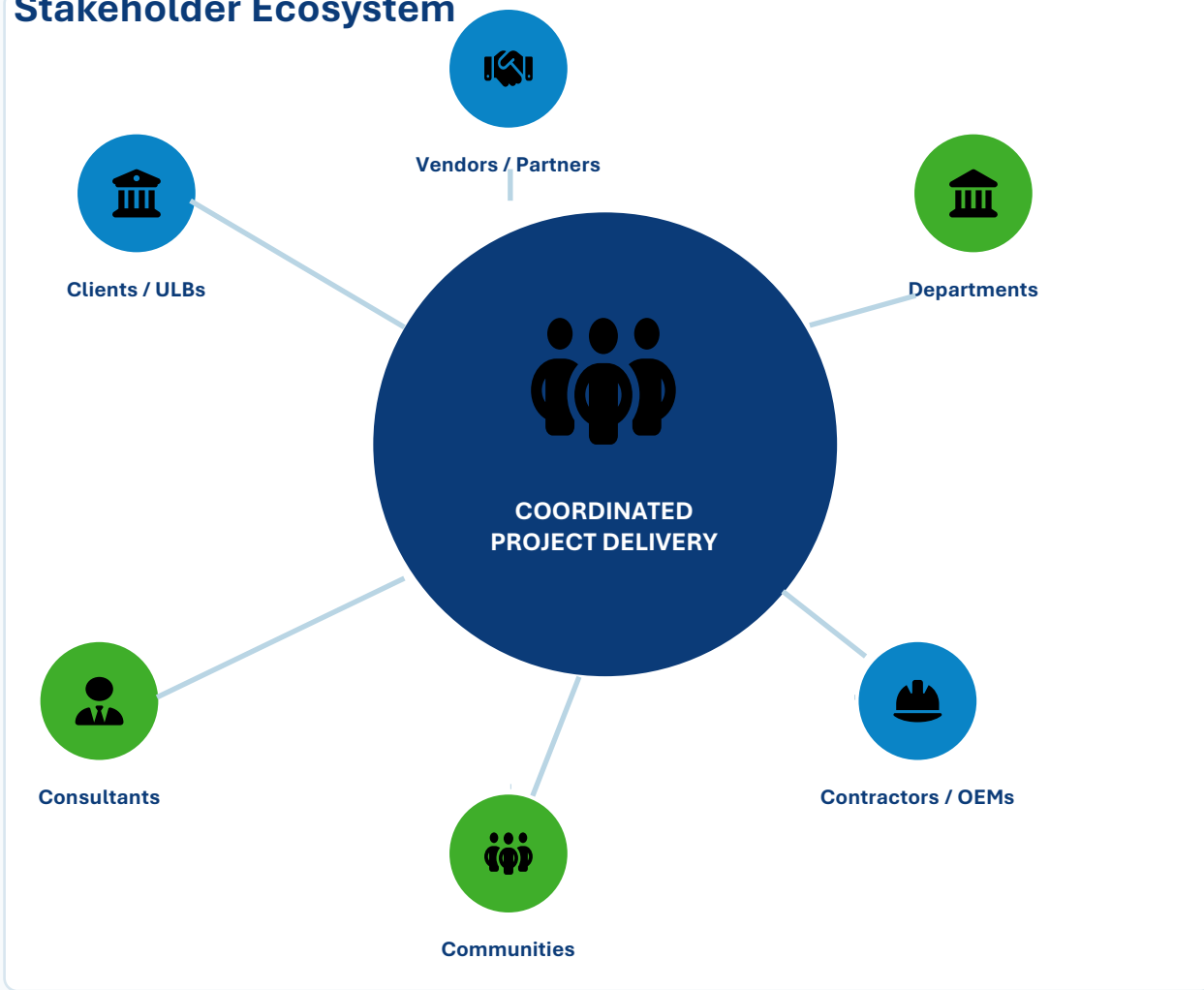
Tender support, procurement strategy, bid evaluation, contracts, vendor performance and claims support

### Typical Deliverables

- ✓ Technical audit report
- ✓ Scope of work & BOQ
- ✓ Risk and action register
- ✓ Compliance tracker
- ✓ Tender / RFQ package
- ✓ Management dashboard

# Multi-Stakeholder Project Management

## Stakeholder Ecosystem



## How ACES Manages Interfaces

- Stakeholder mapping and responsibility matrix
- Structured review meetings and action trackers
- Escalation protocols and decision logs
- Clear communication between technical and decision-making teams
- Grievance, public communication and community interface support
- Transparent approvals, progress reporting and closure documentation

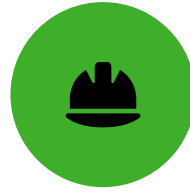
**The result: fewer interface gaps, faster decisions and stronger accountability.**

# Quality, HSE & Compliance Framework



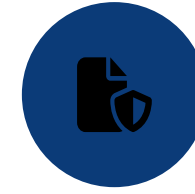
## QUALITY

Quality plans, inspection and test plans, material approvals, method statements, NCR closure and document control.



## HEALTH & SAFETY

Risk assessment, toolbox talks, permit to work, LOTO, confined-space controls, PPE and emergency preparedness.



## COMPLIANCE

Project specifications, approved drawings, OEM requirements and applicable statutory, environmental and commercial obligations.

### REFERENCE FRAMEWORKS - AS APPLICABLE TO EACH ASSIGNMENT

Client specifications | Contract conditions | Approved drawings | OEM manuals | CPHEEO guidance | Relevant Indian Standards | CPWD / state specifications | Pollution-control requirements | Workforce, insurance, tax and commercial documentation

**i** Certifications and registrations are project-specific and should be presented in proposals only after they are formally obtained and valid for the relevant scope.

## Sectors We Serve



### Municipal Water & Sewerage

ULBs, utilities, city networks, pumping and treatment assets



### Government & PSUs

Departments, authorities, public-sector facilities and infrastructure programmes



### Industrial Water & Wastewater

Process water, ETP, ZLD, reuse and compliance-driven systems



### Power & Process Industries

Thermal power, petrochemical, fertilizer and allied sectors



### Institutions & Developments

Campuses, housing, commercial developments and large facilities



### Reuse & Circular Water

Recycling, water conservation, treated-water reuse and sustainability initiatives

# Accumulated Leadership Experience



**345 MLD**

Large-scale UASB STP O&M exposure



**59+ yrs**

Combined domain experience



**18 yrs**

Procurement & contracts expertise



**15+ yrs**

Stakeholder & public affairs

## Technical & Project Exposure

- ✓ **Municipal sewerage O&M** Urban networks, pumping, complaints, hotspots and multi-agency service delivery
- ✓ **Water & wastewater EPC** WTP, STP, ETP, RO, DM, UF, CPU, DAF and ZLD systems
- ✓ **Industrial sectors** Power, petrochemical, fertilizer and process-industry project environments
- ✓ **Commercial execution** Materials, services, machinery and manpower packages; post-award administration
- ✓ **Stakeholder systems** Government, utilities, consultants, contractors, communities, media and elected representatives

## Professional Exposure Includes

SUEZ / Veolia ecosystem  
UP Jal Nigam and Urban Local Bodies  
NTPC, NPGCL, EIL, PDIL, HURL and APL environments  
Major EPC contractors, OEMs and vendors

*These names represent individual professional exposure and are not presented as ACES clients.*

 Project references and organisational names on this slide relate to the personal work histories of ACES leadership/domain experts, not direct ACES contract awards.

# Why Choose ACES



## Single-window coordination

Technical, operational, commercial and stakeholder dimensions under one delivery structure.



## Field-grounded execution

Practical understanding of plant, network, pumping and urban service constraints.



## Multi-agency capability

Comfortable operating across government, utilities, consultants, contractors and communities.



## Lifecycle thinking

Assessment, construction, commissioning, O&M and improvement treated as one connected system.



## Documentation discipline

Compliance-conscious, safety-led and evidence-based project controls.



## Agility & accountability

Partner-led attention, faster decisions, customised solutions and clear ownership.

QUALITY • SAFETY • SUSTAINABILITY • ACCOUNTABILITY • ON-TIME DELIVERY



— AquaNova Constructions & Environmental Solutions —

## WE ENABLE SUSTAINABLE SOLUTIONS.

**Aqua-Nova Constructions & Environmental Solutions**

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EPC | STP / WTP / ETP | O&M | PUMPING | ASSET MANAGEMENT | ENVIRONMENTAL ADVISORY

*Important: capabilities and experience described in this profile include the accumulated professional track record of ACES leadership/domain experts. Project names and organisations mentioned are not ACES client references unless expressly stated in a formal credential document.*



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