

GLOBAL WATER SUMMIT
2026

The Journey of Executing Water Delivery Projects in Saudi Arabia

2019

Established

40+ Years

Inherited Expertise

18,000 km

Pipeline Network

Vision 2030

Aligned



What WTCO Operates Today

The scale of Saudi Arabia's water transmission backbone.

18,500 km

Pipeline Network

Longest in the world

13M m³/day

Daily Capacity

WTS Capability

7

Transmission Systems

Coast to inland

400

Storage Tanks

Across the Kingdom

88

Pumping Stations

24/7 operation

200

City Gates

Connecting communities



Where the Journey Begins

A WTco project does not start with a construction contract. It starts with a national need.



What triggers a WTco project:

- Population growth in a city or region
- New desalination capacity coming online
- Water security and network redundancy requirements
- Strategic storage needs
- Industrial or mega-project demand

WTco'S FIRST ACTIONS

Feasibility & Route Planning

Source to destination analysis — identifying the most efficient, safe and cost-effective path across the terrain.

Hydraulic & Technical Studies

Full system modeling — flow rates, pressure zones, surge analysis, pump requirements — before any commitment to construction.

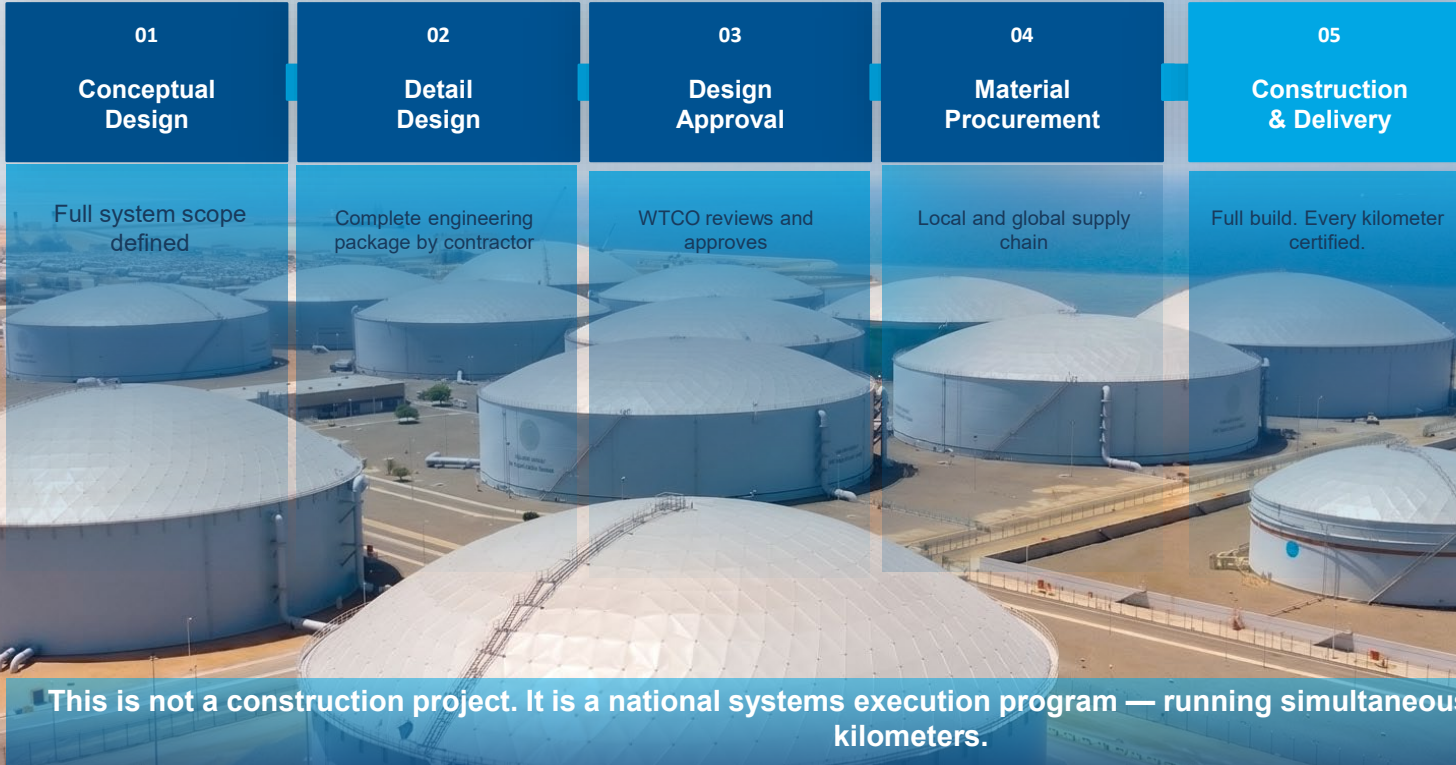
Land & Regulatory Coordination

Securing all land corridors, rights of way, and government approvals across every authority involved. 100% complete before construction begins.



The Execution Journey

From the first line on paper to water flowing - every step executed at national scale, with zero tolerance for failure.





The Scale of What We Build

From the pump station to the last kilometer of pipe — built to world-class standards.

Pump Station

World-Class Pump Stations-Operating
up to 90 Bar



Pipeline

Up to 100 inches in diameter

Storage and control — Engineered for reliability at national scale.



Storage Tanks

Up to 170,000 m³ per tank



SCADA Control System

A fully automated system - every pump, valve, and flow point monitored and controlled remotely





How the Journey Ends

A WTCO project is not complete when construction finishes. It is complete when water moves reliably and the system becomes trusted national infrastructure.

Mechanical
Completion

Hydrotesting &
Pressure
Validation

SCADA &
Control
Verification

Safety &
Regulatory
Approvals

Commissioning
& Performance
Testing

Operational
Handover to
National Service

What success looks like:

Flow delivered as designed

Water moving from source to destination at the exact volumes and pressures the hydraulic model specified.

Pressure stability confirmed

The system holds under operational conditions — no surges, no failures, no unacceptable losses.

Safety & compliance certified

Full regulatory sign-off. Every standard met. Documentation complete. Asset formally accepted.

Operational integration

The new system connects seamlessly into Saudi Arabia's live water network — adding capacity without disrupting existing supply.

Our Track Record — And Where We Are Going



WTCO has proven it can execute at national scale. Now we are scaling even further.

By 2030: | Capacity +50% | Strategic storage +350% | \$33.3 Bn USD future portfolio

\$12

Projects Under Construction Now

13 Bn USD

33

New Transmission Projects by 2030

Planned

54

New Storage Projects by 2030

All regions

\$33.3 Bn USD

Future Project Portfolio

Total pipeline

What this means in execution terms:

∞ More pipelines

Thousands of additional kilometers of transmission infrastructure to be designed, approved, built and commissioned across Saudi Arabia.



More terrain conquered

New routes through some of the most challenging geography in the region — extending water security to every corner of the Kingdom.

(o) More technical complexity

Larger systems, more pump stations, bigger storage, deeper SCADA integration — all executed to the same uncompromising standards.



Same standard

Every future project will be delivered with the same execution discipline, the same zero-failure commitment, the same professionalism that defines WTCO today.



Every pipeline we lay is a
promise
kept to millions of people.
We do not just deliver water.
We deliver on a nation's future.



Be Part of the Story

WTCO is building infrastructure that will serve Saudi Arabia for decades to come. The organizations that stand with us today become part of that legacy.



Grow With a Proven Operator

We have the track record, the systems, and the execution discipline. Partnerships with WTCO are partnerships built on demonstrated delivery — not promises.



Shape the Future of Water

The water sector is transforming globally. WTCO is at the center of one of the most significant programs on earth. This is where the future is being built.