



**WATER TRANSMISSION COMPANY (WTCO)**

# WTCO OVERVIEW



The Water Transmission Company (WTCO) is an independent entity exclusively owned by the Government of the Kingdom of Saudi Arabia, established by Cabinet Decision No. (32) in September 2019. The establishment of the company is one of the outcomes of the privatization program aimed at achieving the Kingdom's Vision 2030, in alignment with the National Water Strategy. The company aims to be a leader in the water transmission sector and in managing water transmission and strategic storage systems, through:



The innovation of smart solutions and modern technologies in the Water transmission and strategic storages systems contributing to cost reduction and efficiency improvement.



Operating and maintaining water transmission and strategic storage systems and managing support operations.



Developing, designing, and constructing water transmission and strategic storage systems.





# WTCO's NETWORK



# 7

## Systems Transmission



Transmission systems length

**+10,000 KM**



Pumping stations

**80+**



WTS capability

**+13 Million M<sup>3</sup>/day**



Tanks

**400+**



# FUTURE PROJECTS PORTFOLIO





## PORTFOLIO OVERVIEW

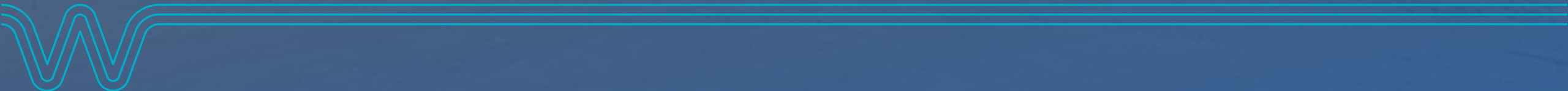


The kingdom of Saudi Arabia faces a significant water demand. Half of the demand is currently supplied through a combination of groundwater, surface water.

To conserve these non-renewable water sources, the kingdom has set an ambitious target to meet 80% of its water demand to be relying on desalinated water.

Our goal is to develop reliable water infrastructure that ensures a sustainable and resilient water supply, supporting economic growth and enhancing adaptability to future challenges.

In order to meet this goal, a comprehensive plan has been developed to expand the desalinated water transmission systems and strategic storage infrastructure.



# UPCOMING PROJECTS PORTFOLIO



Total Development Cost

**+30 Bn USD**

## Company Portfolio



Our project portfolio includes over **+150** future projects, featuring water transmission systems, strategic storage projects,

## Water Transmission Systems



Development cost

**+20 Bn USD**

## Strategic Storage Projects



Development cost

**+10 Bn USD**





## Water Transmission Systems portfolio

In the water transmission, WTCO planned to develop **+30** projects, with a total investment of more than **+20 billion dollars** incoming few years as part of WTCO future plan.

The primary objective of these initiatives is to increase the capacity of the transmission lines, ultimately enabling transportation of water demand and ensuring a reliable water supply for the Kingdom.

## Strategic Storage portfolio



WTCO portfolio featuring more than **+120** strategic storage projects which aims to support supply resilience and aiming to meet the 2030 vision target by achieving a strategic storage capacity equivalent to 7 days of water demand.

These strategic storage projects featuring capacity of **+70 million cubic meters**, at an estimated cost of **+10 billion Dollars**.

T1GK B03 BB004  
POTABLE WATER TANK

# Water Transmission Systems



30

#Projects



10,000

km



10

Million m3/d



20

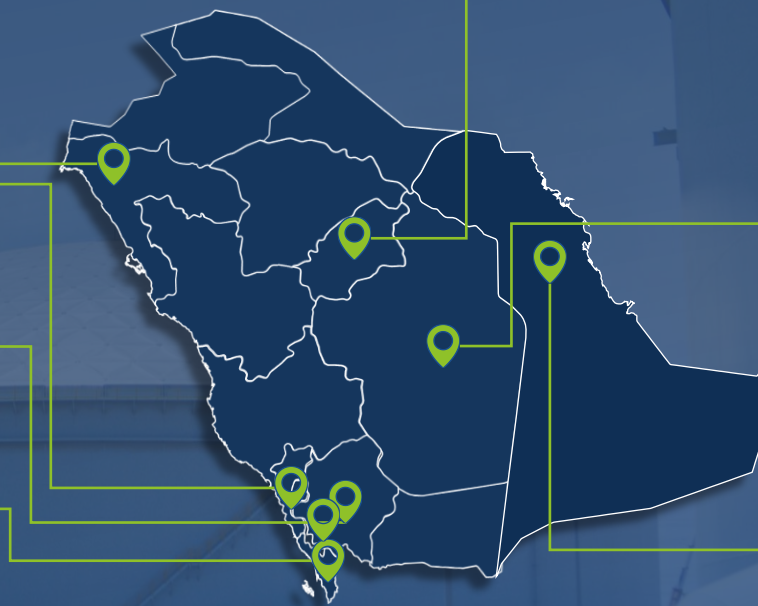
Billion USD

Tabuk Al-Ula WTS  
650,000 m3/day

Ras Muhaisn Phase 1 WTS  
515,000 m3/day

Abha – Bisha WTS  
325,880 m3/day

Shuqaiq-Jazan WTS  
600,000 m3/day



Jubail – Burayda Phase II  
550,000 m3/day

Jubail – Riyadh (J&K)  
1,200,000 m3/day  
Northern ring pipeline for  
Riyadh

1,628,000 m3/day  
West Riyadh Region  
WTS  
238,000 m3/day

Ras Al Khair– Hafar Al  
Batin WTS  
310,000 m3/day  
South of Eastern Region  
WTS  
650,000 m3/day



# Strategic Storage



120

#Projects



10

Regions



+70

Million m<sup>3</sup>



10

Billion USD

Tabuk



Madinah



Makkah



Al Baha



Jazan



Qassim



Riyadh



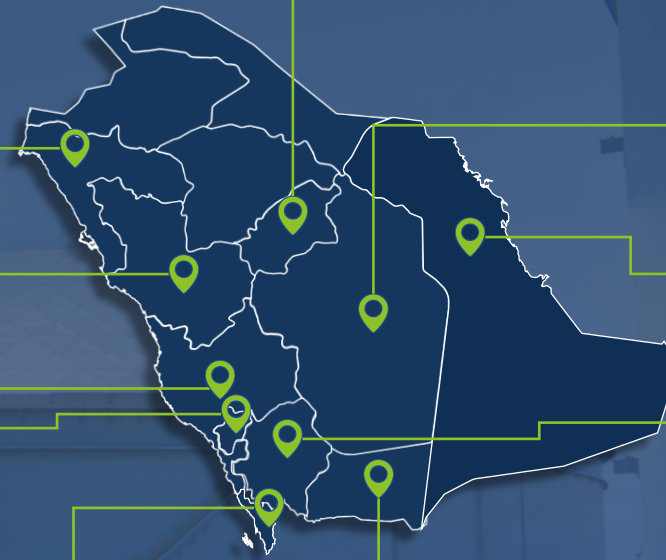
Eastern Region



Aseer



Najran





# Future Projects under PPP Scheme



## Shuqaiq – Jazan WTS

Construction of Water Pipeline that will convey water from Shuqaiq Desalination plant to Jazan.

Pipeline length  
531 KM

Capacity  
600,000 m3/day

Project Structure  
PPP

Project Status  
Future project

## Ras Muhaisn Phase 1 WTS

Establishing a WTS from the Ras Muhaisen desalination plant to Makkah & Al Baha regions.

Pipeline length  
330 KM

Capacity  
515,000 m3/day

Project Structure  
PPP

Project Status  
Future project

## Jubail – Buraidah 2 WTS

Construction of the second stage of WTS from Jubail desalination Qassim region cities.

Pipeline length  
300 KM

Capacity  
550,000 m3/day

Project Structure  
PPP

Project Status  
Future project

## Tabuk – AlUla WTS

Construction of Water Pipeline that will convey water from Tabuk to Al Ula city.

Pipeline length  
450 KM

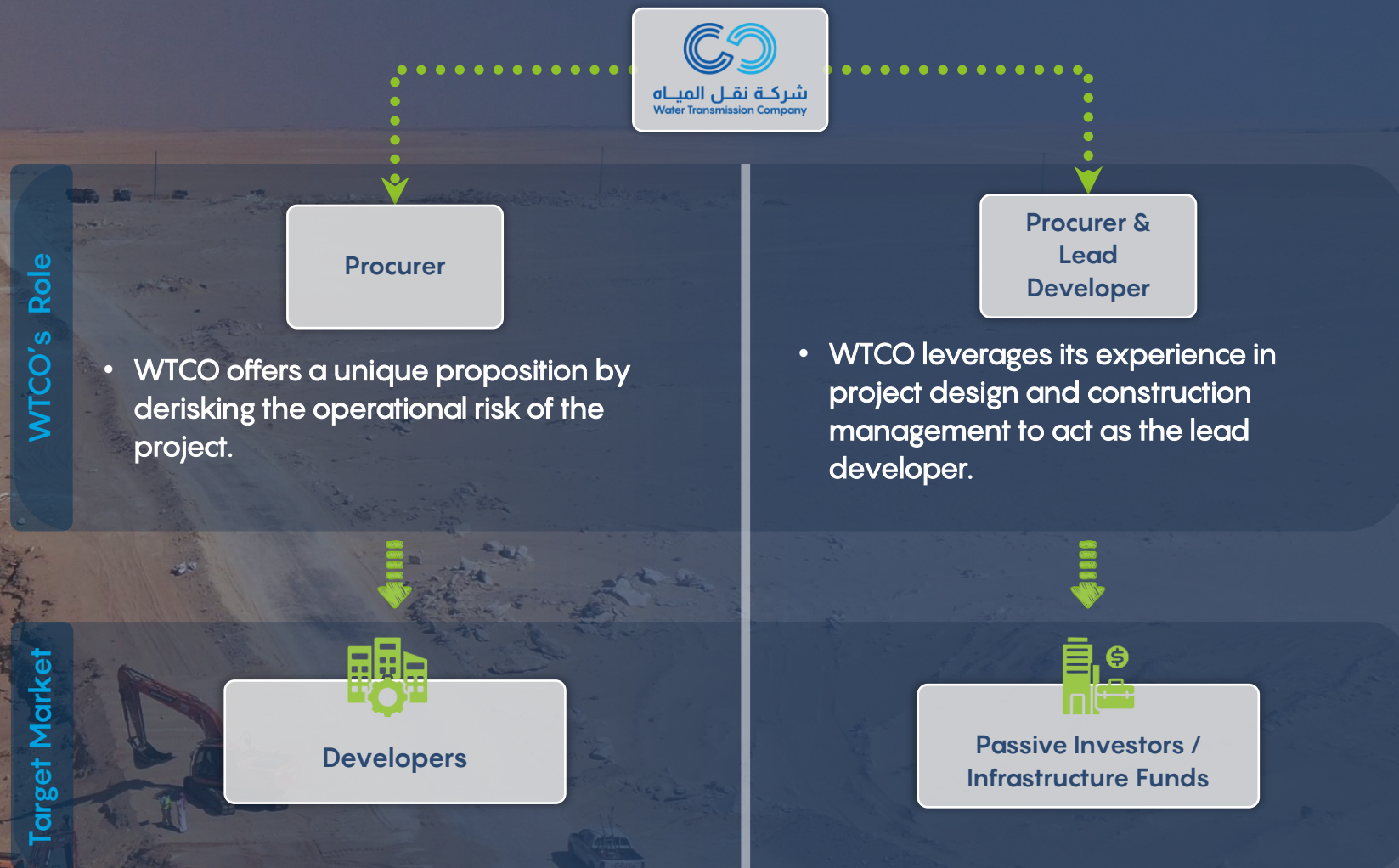
Capacity  
650,000 m3/day

Project Structure  
PPP

Project Status  
Future project



# WTCO PPP Procurement Models

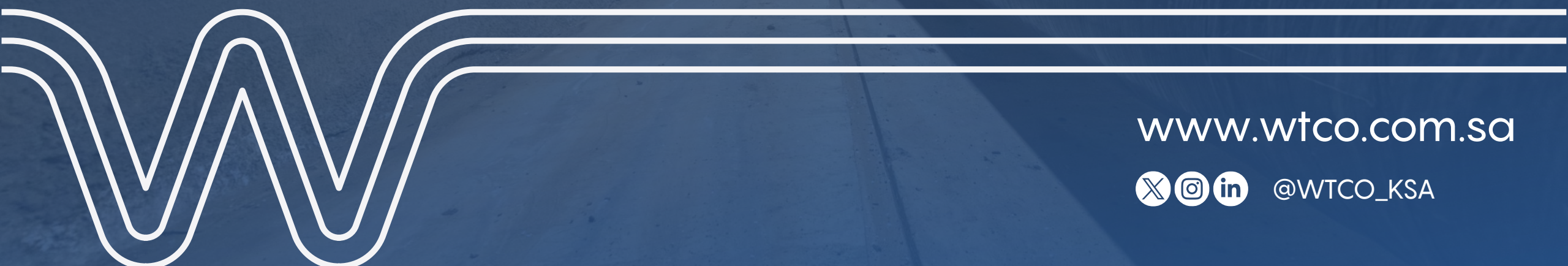






شركة نقل المياه  
Water Transmission Company

# Thank you



[www.wtco.com.sa](http://www.wtco.com.sa)

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