

Under the Patronage of His Excellency **Eng. Abdulrahman bin Abdulmohsen AlFadley**
Minister of Environment, Water & Agriculture

منتدى المياه السعودي
saudi water forum

SWF 2024



NWC FUTURE PROJESTS and INVESTMENT OPPORTUNITIES

Long Term Operation and Maintenance (LTOM) Contracts



29 April – 01 May 2024



Hilton Riyadh Hotel & Residences
Riyadh, Saudi Arabia

Organized by

وزارة البيئة والمياه والزراعة
Ministry of Environment Water & Agriculture



المؤسسة العامة لتحلية المياه المالحة
Saline Water Conversion Corporation (SWCC)



شركة المياه الوطنية
National Water Company



الشركة السعودية لشركات المياه
Saudi Water Partnership Company



المؤسسة العامة للمياه
Saudi Water Partnership Company



منظم المياه
Water Regulator



المركز الوطني لكفاءة وترشيد المياه
NATIONAL WATER EFFICIENCY AND CONSERVATION CENTER
MAEE



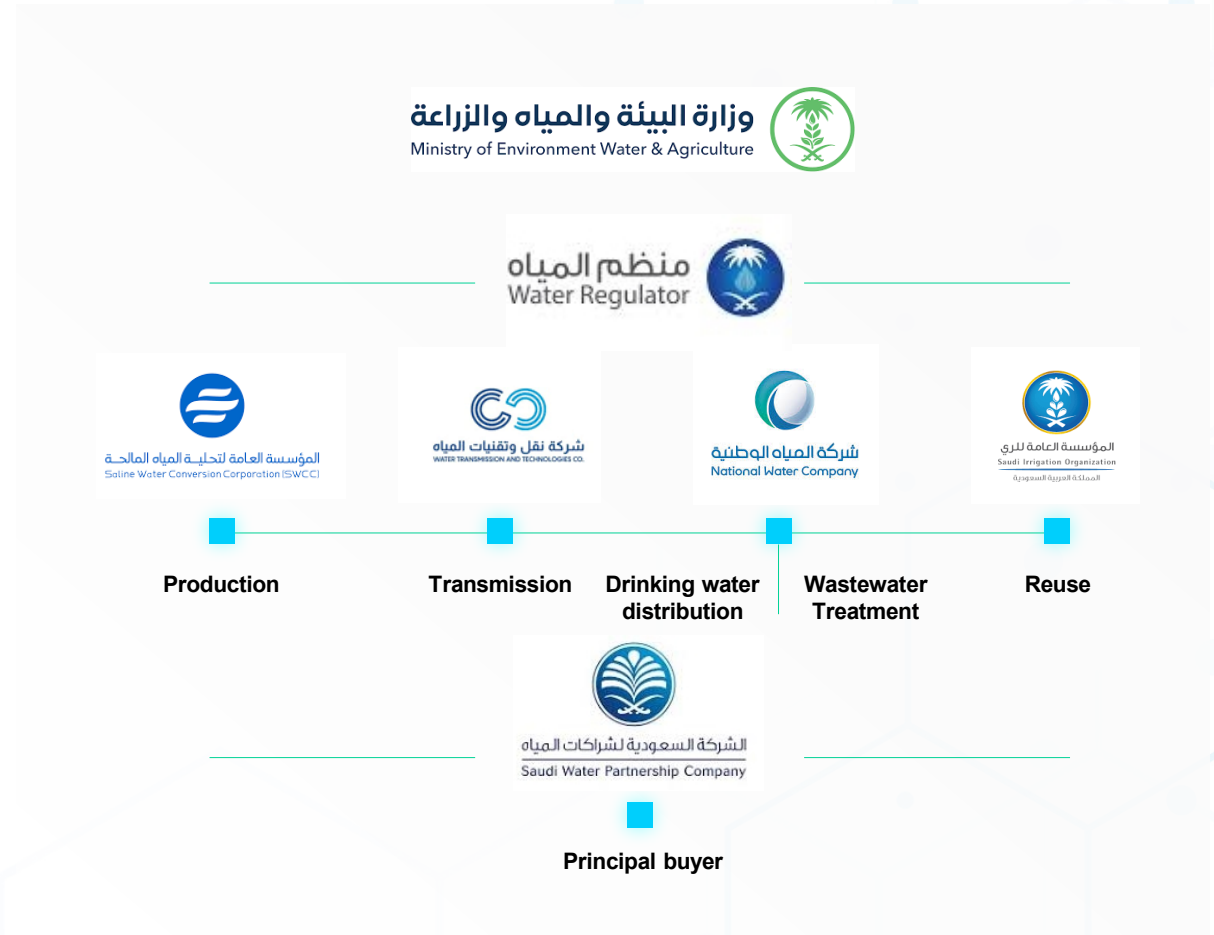
Organizing Partners

About National Water Company

National Water Company

Water distribution sector

- A Saudi company fully owned by the Public Investment Fund (PIF) Established in 2008.
- Distributing potable water that is complying with the local and international standards.
- Collecting and treating wastewater and producing high quality treated effluent that is suitable for reuse across the Kingdom of Saudi Arabia.



Strategic Targets



100%

Water coverage %

95%

Wastewater coverage %

24/7

Hours of Supply

15%

Non Revenue Water

100%

Water Quality %

100%

Wastewater Collection %

100%

Wastewater Tertiary Treatment (%)



NWC Strategy



VISION

Sustainable quality water services across the Kingdom of Saudi Arabia to improve life today and for the future

MISSION

We strive to provide the best water and wastewater services and improve quality across the Kingdom of Saudi Arabia in collaboration with our partners while increasing effectiveness, efficiency and financial sustainability

VALUES



Customer First



Mutual Respect



Transparency



Teamwork and Commitment



Innovation



NWC In Numbers

Number of Customers

2.23

Million

Avg. Daily water supply

9.62

Million m3/day

Water Network Length

130

Thousand KM

Avg. Water Supply

20.43

Hour /day

Avg. Volume of WW Treated

5.7

Million m3/day

WW Network Length

49.7

Thousand KM

Tertiary treated Water

84.3%

Ongoing Capital Projects

8.78

Billion USD

Number of Employes

9.9

Thousand



■ Numbers as of Feb. 2024



LTOM Partnerships Benefits

The purpose of the LTOM program is to leverage private sector finance and expertise to best-manage the Kingdom's water resources and ensure the highest level of sustainability through:

- Engaging the private sector and acquiring its know-how, most recent technologies and best practices
- Enhancing plants' performance and assuring TSE quality and environmental compliance
- Enhancing sludge processing through an efficient & environmentally sound solution
- Improving the overall efficiency of operations, and
- Extending the remaining life of the assets

Long Term Contracts Components

Private sector financed rehabilitation works to improve performance and enhance efficiency

Introduce the latest post-dewatering technologies in sludge treatment up to 75% dryness

Improve operation and maintenance efficiency in term of power consumption, chemical usage, ...etc.

Treatment capacity up-grade works if required

Ensure compliance with TSE standards, sludge residues & environmental emissions

Introduce and apply the latest maintenance management systems

Enhance quality management systems

Apply safety and security standards

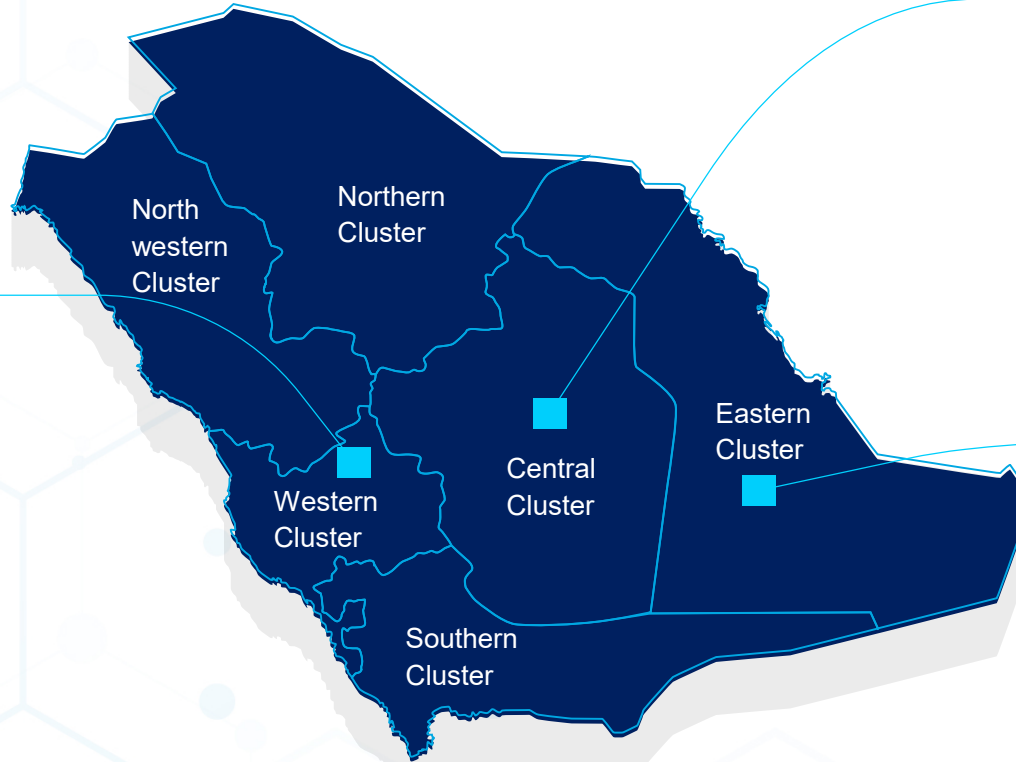


Contractual Duration is 15 years for All Long Term Operation and Maintenance



LTOM Program Packages awarded to date

(8 Contracts with Total Design Capacity 4.2 Million m³/d)



Awarded Jeddah (790K m³/d)



Awarded Makkah (500K m³/d)



Awarded * Taif (147K m³/d)

Awarded Riyadh Manfouha (700K m³/d)



Awarded Riyadh Heet and Alhaeer (870K m³/d)



Awarded * Al Ahsa (472K m³/d)



Awarded * Dammam (331K m³/d)



Awarded * Al Khobar (323K m³/d)



* To be announced

Upcoming LTOM Program Packages (A)

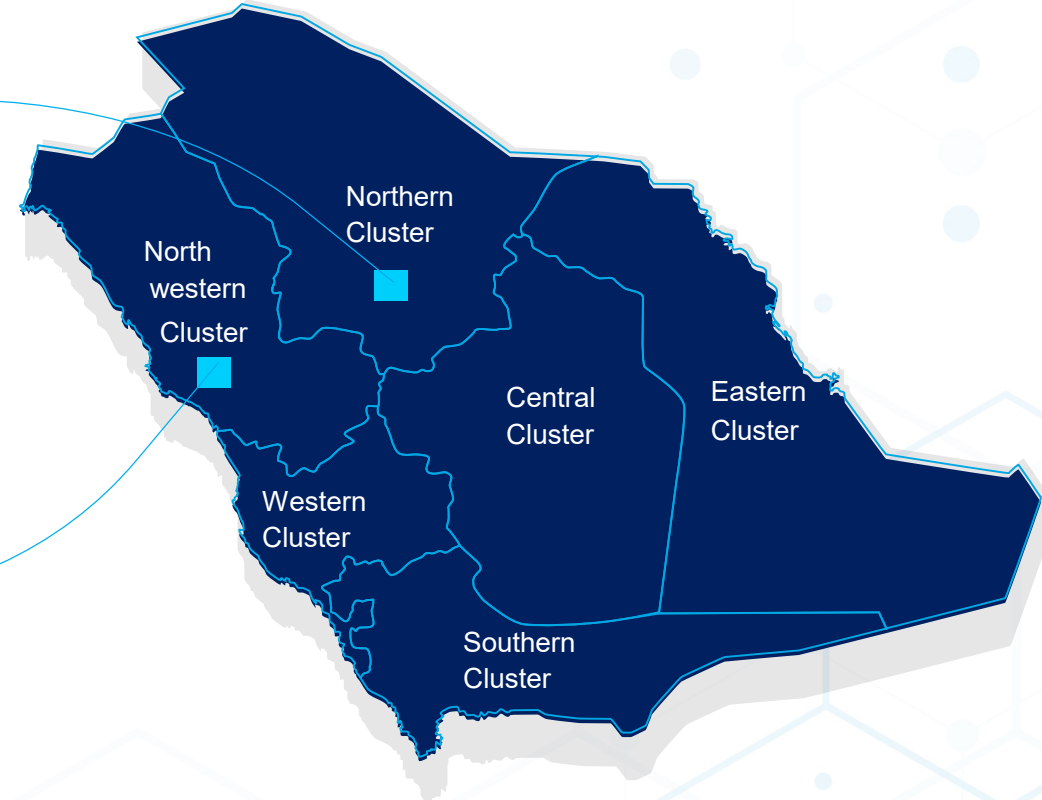
(10 Packages - Total Design Capacity 2.5 million m³/d – 117 Plants)

Planned (0.59 M m³/d)

Package No.	No. of STPs	Capacity (m ³ /day)	Expected date RFP issued to Bidders	Contract Duration
1	19	597,300	Q3 2024	15 Years

Planned (0.68 M m³/d)

Package No.	No. of STPs	Capacity (m ³ /day)	Expected date RFP issued to Bidders	Contract Duration
2	2	440,000	Q4 2024	15 Years
3	8	110,500	Q4 2024	
4	4	132,000	Q1 2025	



Upcoming LTOM Program Packages (B)

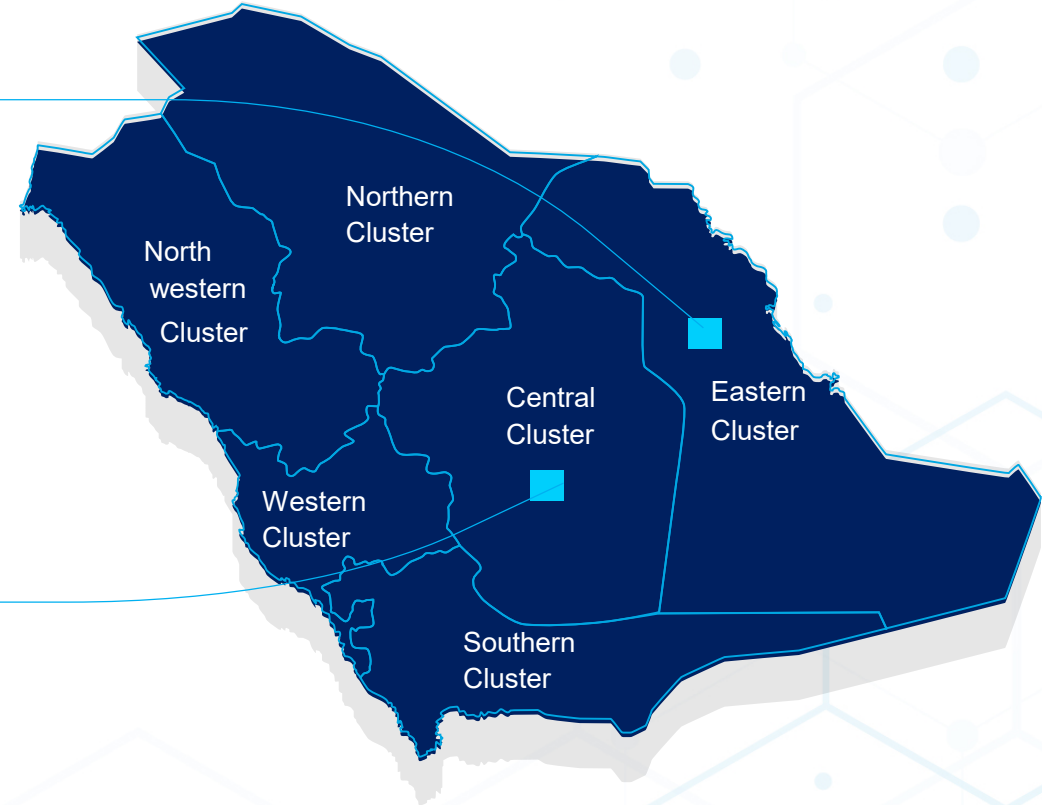
(10 Packages - Total Design Capacity 2.5 million m³/d – 117 Plants)

Planned (0.33 M m³/d)

Package No.	No. of STPs	Capacity (m ³ /day)	Expected date RFP issued to Bidders	Contract Duration
5	10	184,440	Q2 2025	15 Years
6	2	152,000	Q2 2025	

Planned (0.15 M m³/d)

Package No.	No. of STPs	Capacity (m ³ /day)	Expected date RFP issued to Bidders	Contract Duration
7	14	153,000	Q3 2025	15 Years



Upcoming LTOM Program Packages (C)

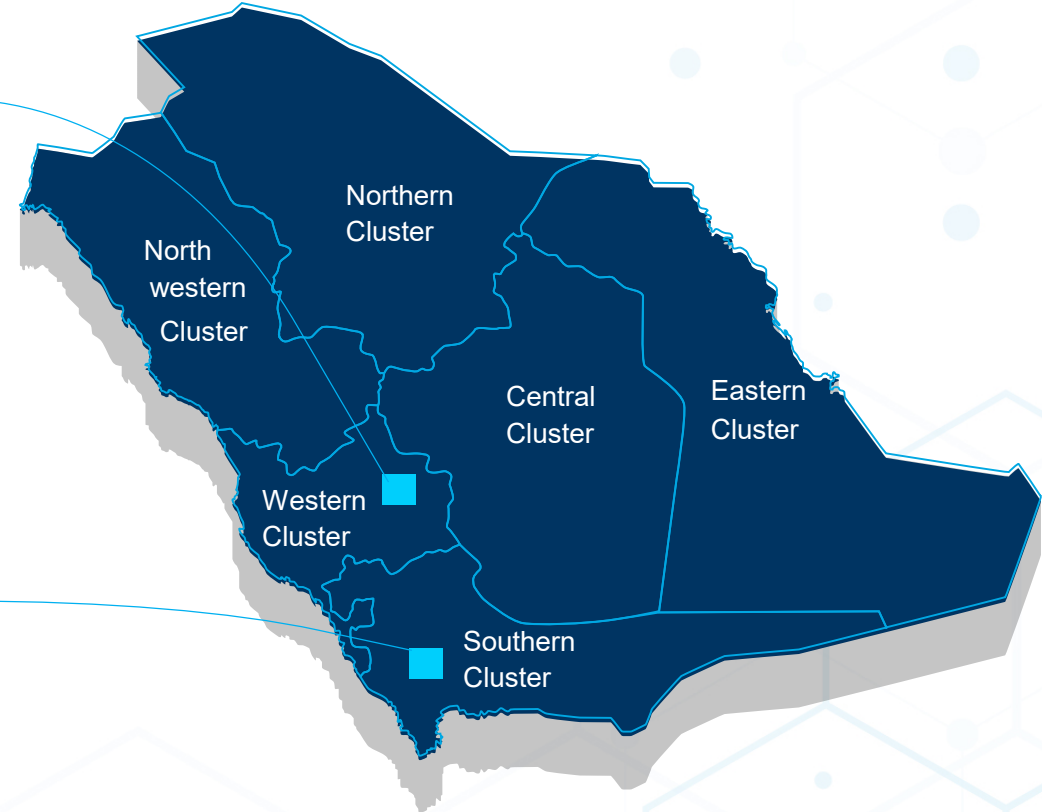
(10 Packages - Total Design Capacity 2.5 million m³/d – 117 Plants)

Planned (0.03 M m³/d)

Package No.	No. of STPs	Capacity (m ³ /day)	Expected date RFP issued to Bidders	Contract Duration
10	5	33,500	Q1 2026	15 Years

Planned (0.69 M m³/d)

Package No.	No. of STPs	Capacity (m ³ /day)	Expected date RFP issued to Bidders	Contract Duration
8	31	350,100	Q4 2025	15 Years
9	22	340,100	Q4 2025	



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THANK YOU!



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