

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

منتدى المياه السعودي
saudi water forum

SWF 2024



Sustainability Through Produced Water Reuse

Hussain F. Alhabib, Saudi Aramco



29 April – 01 May 2024



Hilton Riyadh Hotel & Residences
Riyadh, Saudi Arabia

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Ministry of Environment Water & Agriculture



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



شركة المياه الوطنية
National Water Company



الشركة السعودية لشراكات 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
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Practice Objective

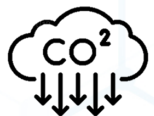
Reduce Demand on Fresh Water



- Economical Benefits



- Promoting Circular Economy



- Enabling Scope-2 Decarbonization (indirect emission)

The Application



Gas Wells



Feed separation
and gas
treatment



Water Stripping
units

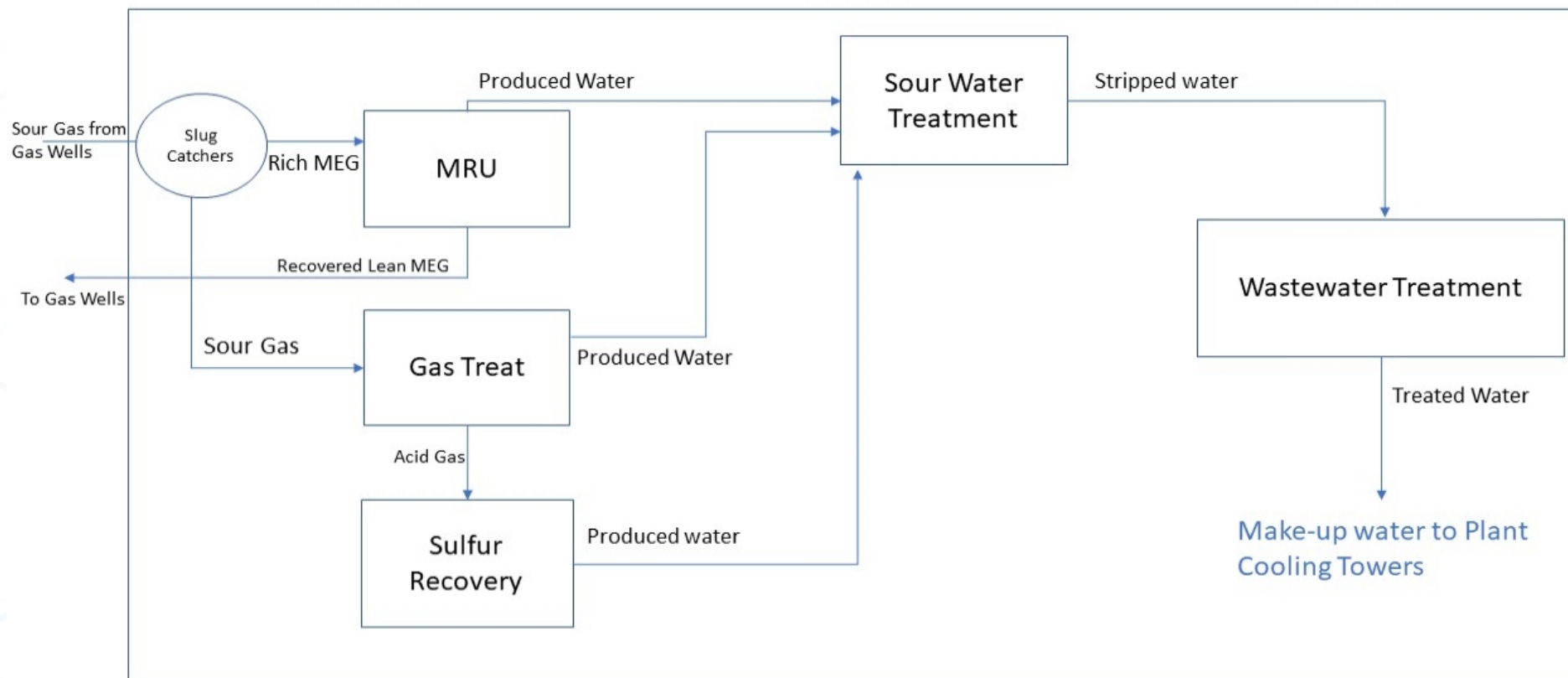


Water
Treatment Unit



Cooling Towers

The Application



Conclusion and Takeaways

- Cost effective
- Sustainable approach
- Promotes circularity and water conservation
- Supports the global decarbonization efforts



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THANK YOU!



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