

Under the Patronage of the Minister of Environment Water & Agriculture
Eng. Abdulrahman bin Abdulmohsen Al Fadhili

منتدى المياه السعودي
saudi water forum SWF



"Sustainable Water.. for Sustainable Development"

وزارة البيئة والمياه والزراعة
Ministry of Environment Water & Agriculture
Kingdom of Saudi Arabia المملكة العربية السعودية



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VISION
2030
المملكة العربية السعودية
KINGDOM OF SAUDI ARABIA

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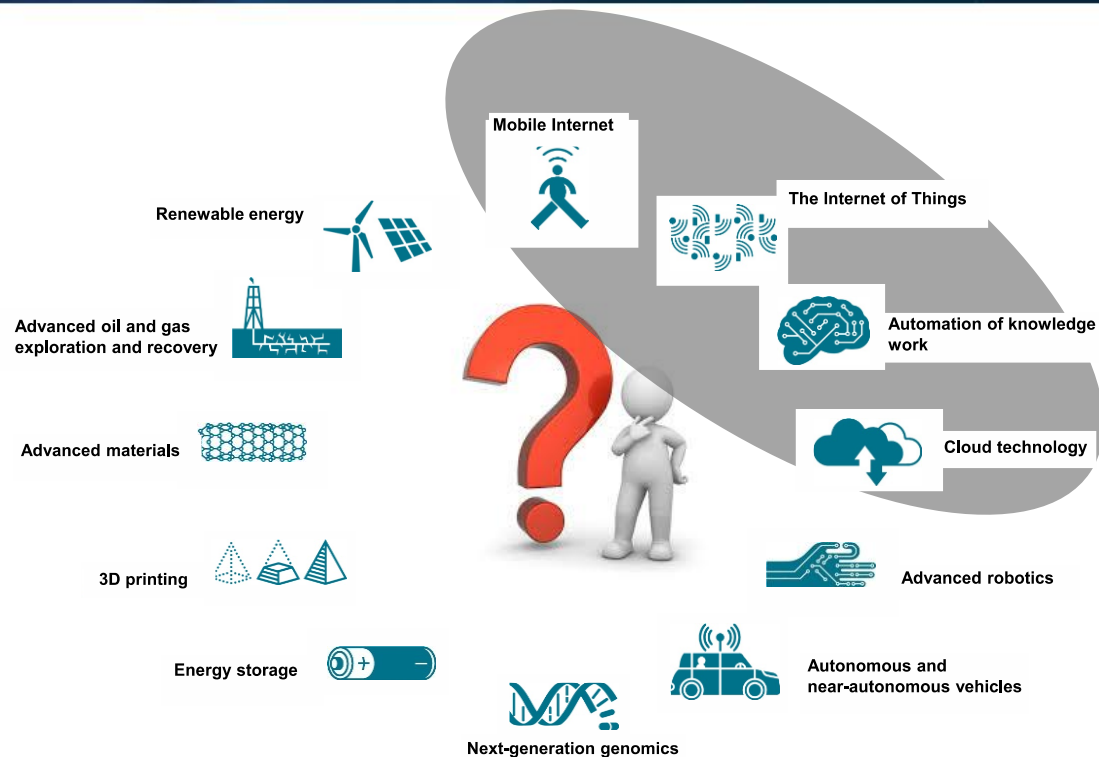


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OVERCOMING THE BARRIERS OF SMART WATER ADOPTION

Dr Carlos CAMPOS, SUEZ Advanced Solutions

TECHNOLOGIES RESHAPING THE WORLD



DRIVERS FOR WATER UTILITIES

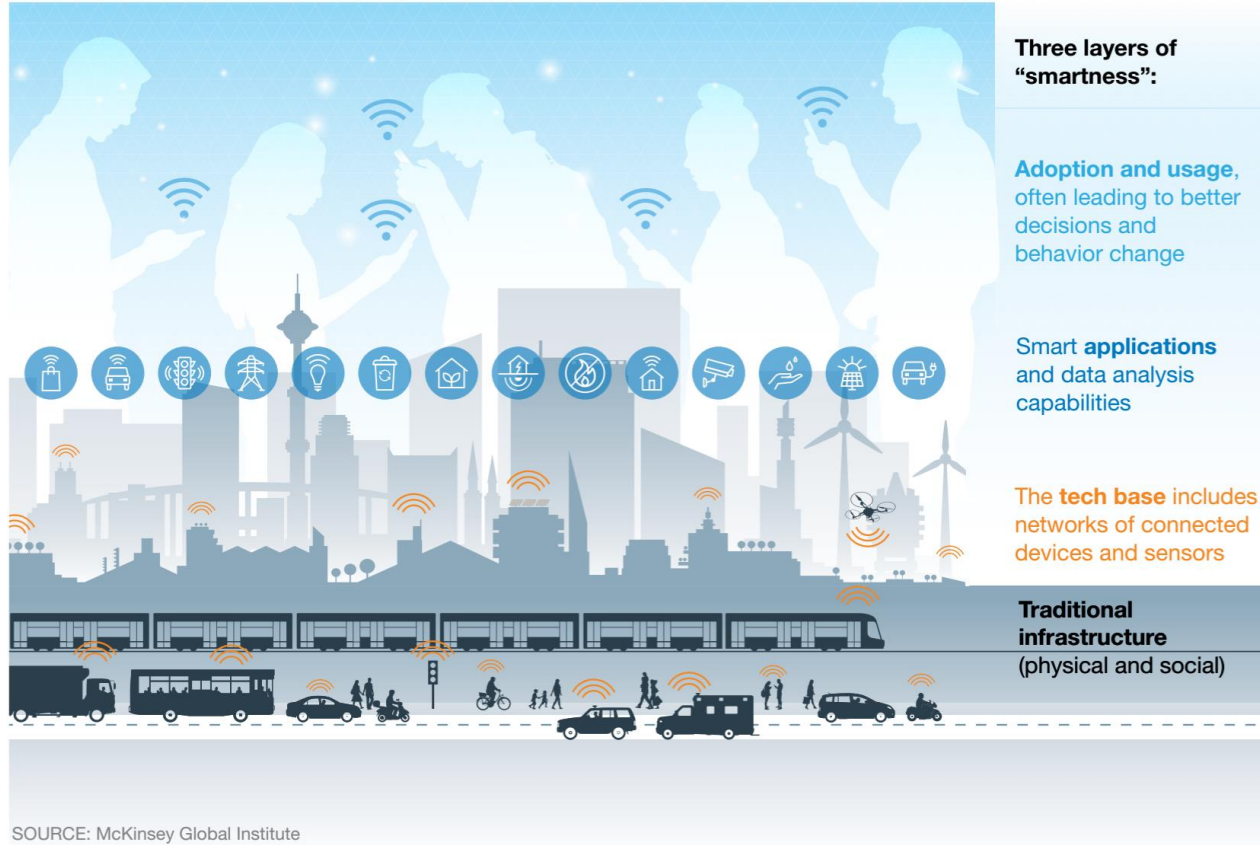





DATA PRIVACY SECURITY

SECURITY THROUGH THE 3 LAYERS

Develop the security framework of the entire “vertical stack”





MATURITY OF SOLUTIONS

LACK OF STANDARDS

WIZE ALLIANCE

End-to-end industrial use cases

Uses cases

Water
Metering



Gas
Metering



Waste
Management



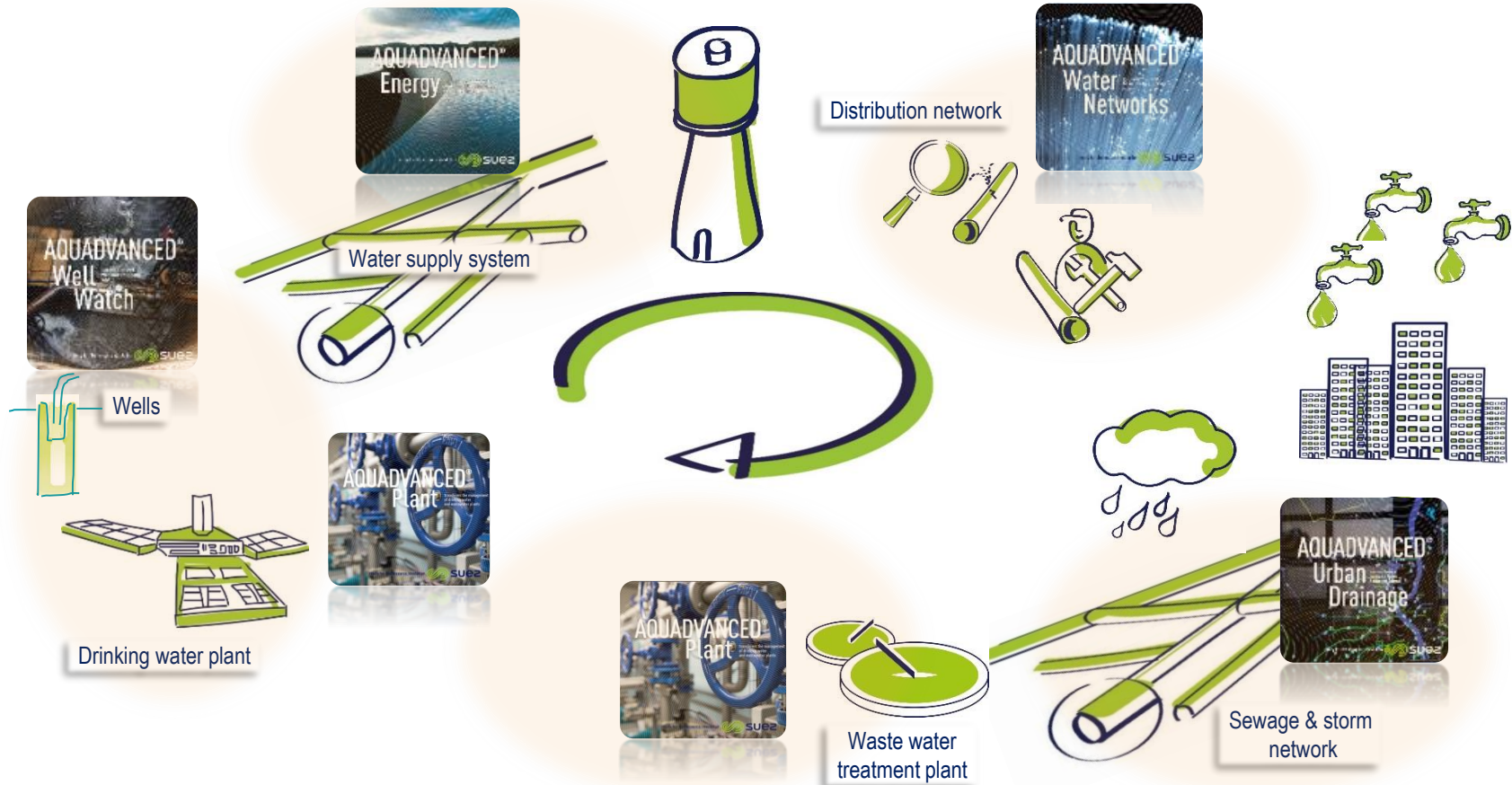
Large ecosystem and various types of members





3 **INTEROPERABILITY**

AQUADVANCED® software suite for water cycle management



VISIO360™

A cockpit vision of the operations

Planning &
Logistics
Field interventions

RT Advanced
systems
Operational performance

Data management
RT data sharing with
stakeholders

SCADA
Monitoring of
water cycle

WEB platform
Access to municipality

Crisis
Management
Situation analysis and
decision making





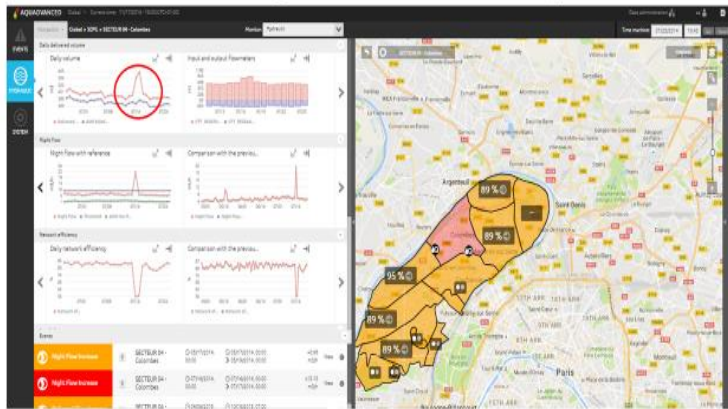
4 UNCERTAIN ROI

UNLOCKING ROI OF SMART SOLUTIONS

Integrating AMI with network hypervision platforms

Leak detection using AMR data

SEPG > Secteur 4 > 25.07.2014
Hydraulicview



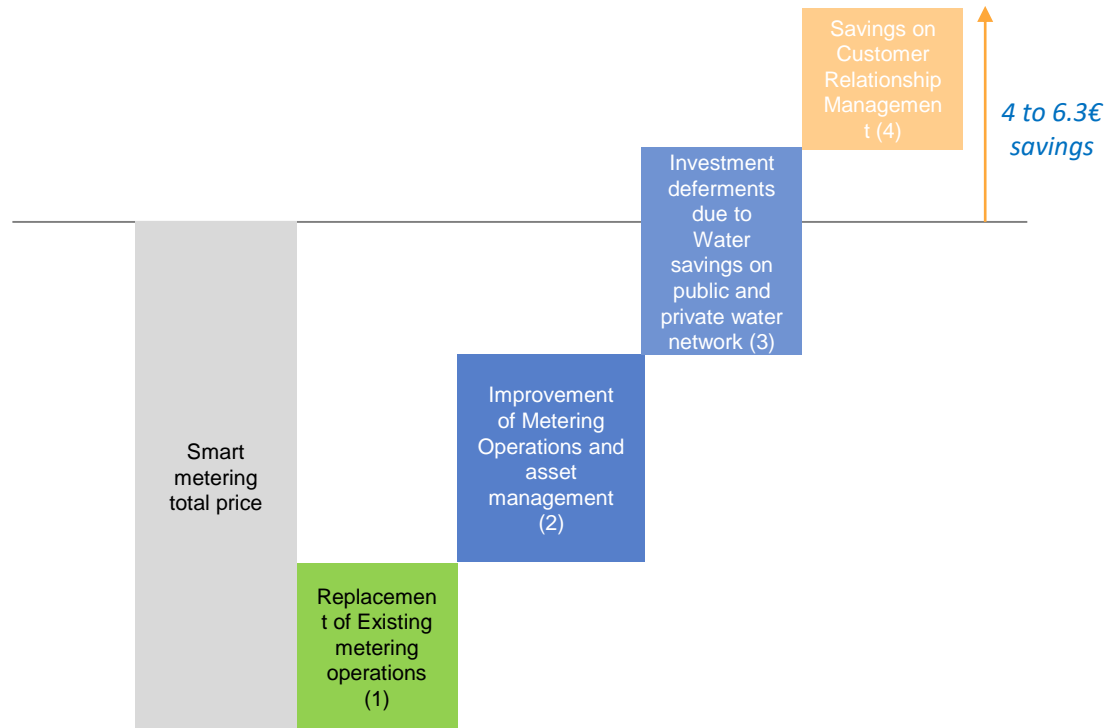
Leak detection using AMR data



Combination of Aquadvantage Water Networks and Smart Metering allows for precise identification of leaks

UNLOCKING ROI OF SMART SOLUTIONS

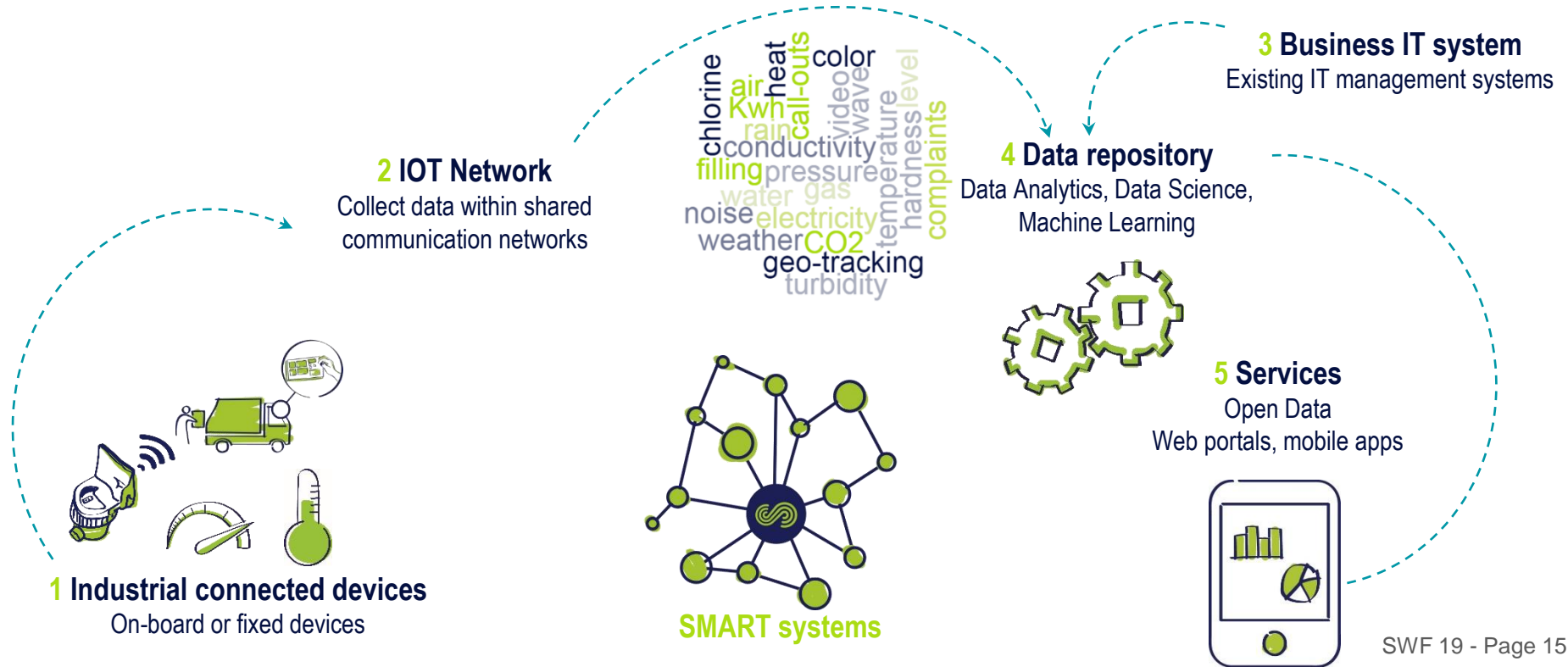
Assessing Value Creation from Smart Metering



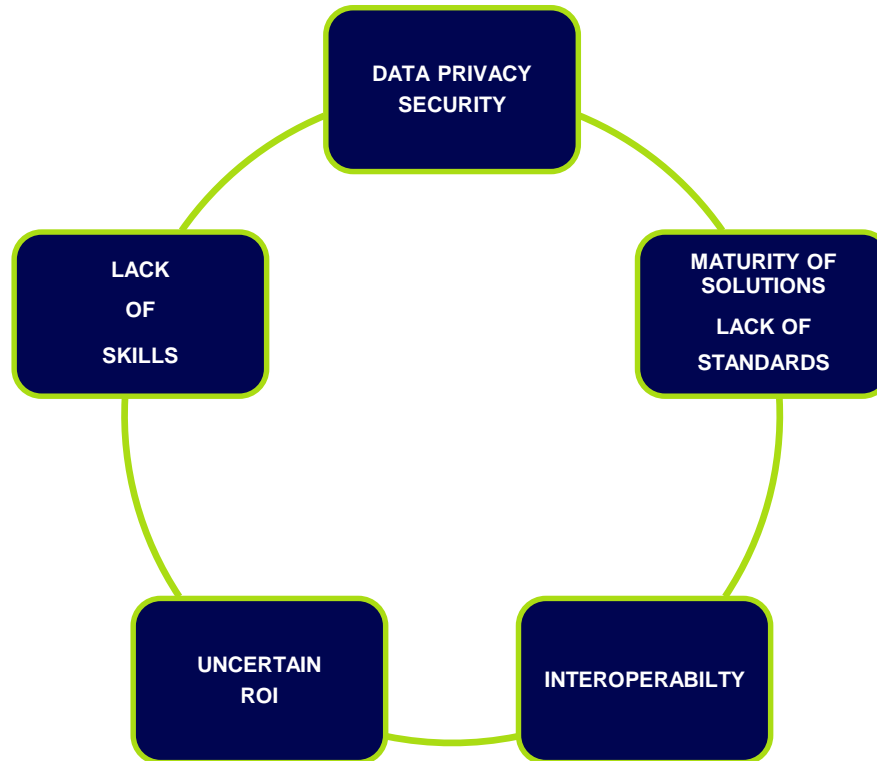


LACK OF SKILLS

A new set of skills & Technologies for a SMART UTILITY



BARRIERS FOR SMART WATER ADOPTION



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THANK YOU



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