



Infrastructure Investing and the Global Financial Crisis

Perspectives from the water sector

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November 18th, 2008



AGENDA

- ❑ The MENA Water Sector
- ❑ Metito's Approach
- ❑ Effect of the Financial Crisis



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FRESH WATER IN LIMITED SUPPLY AROUND THE WORLD

Global Water

97% Seawater

3% Freshwater

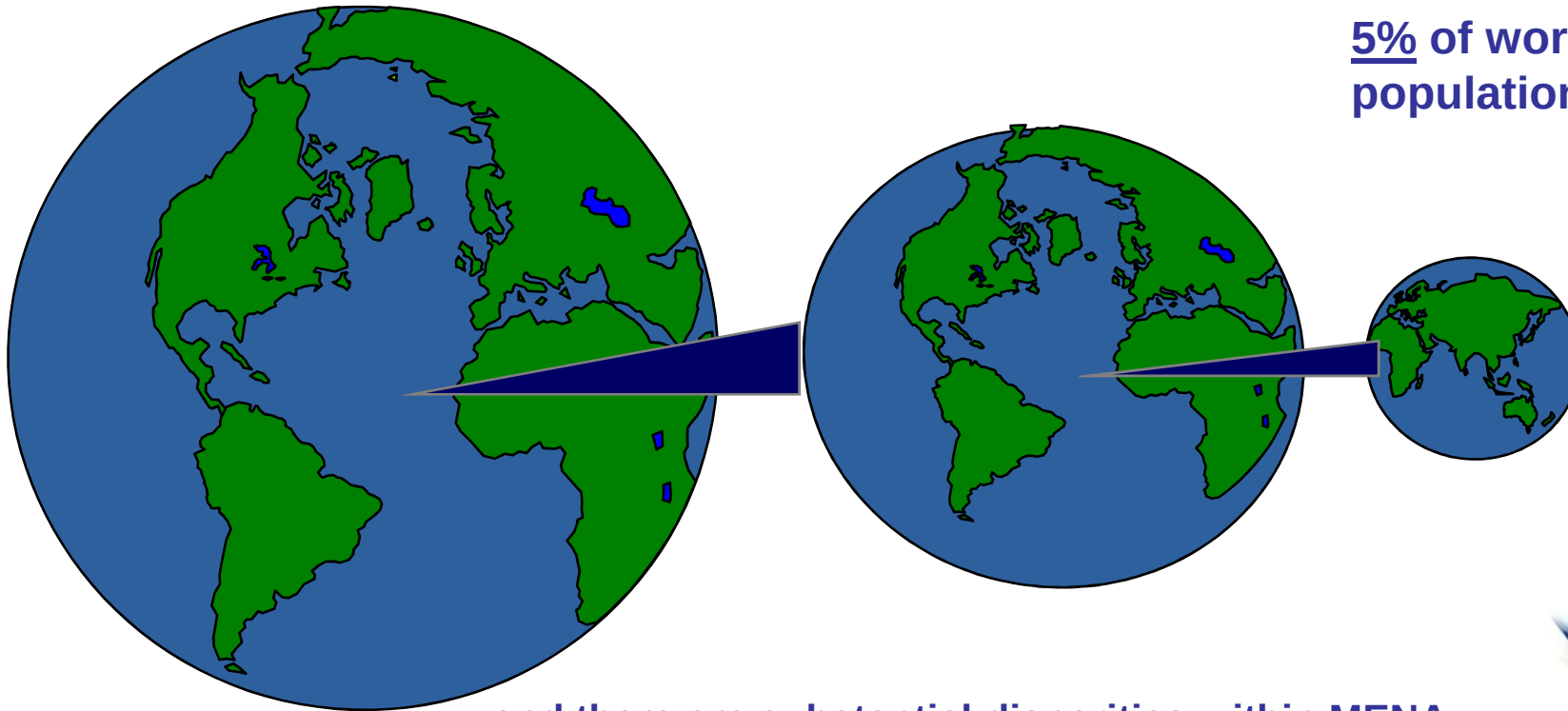
Global Freshwater

87% Not Accessible

13% Accessible

MENA

1% of accessible
freshwater in
the world
5% of world
population

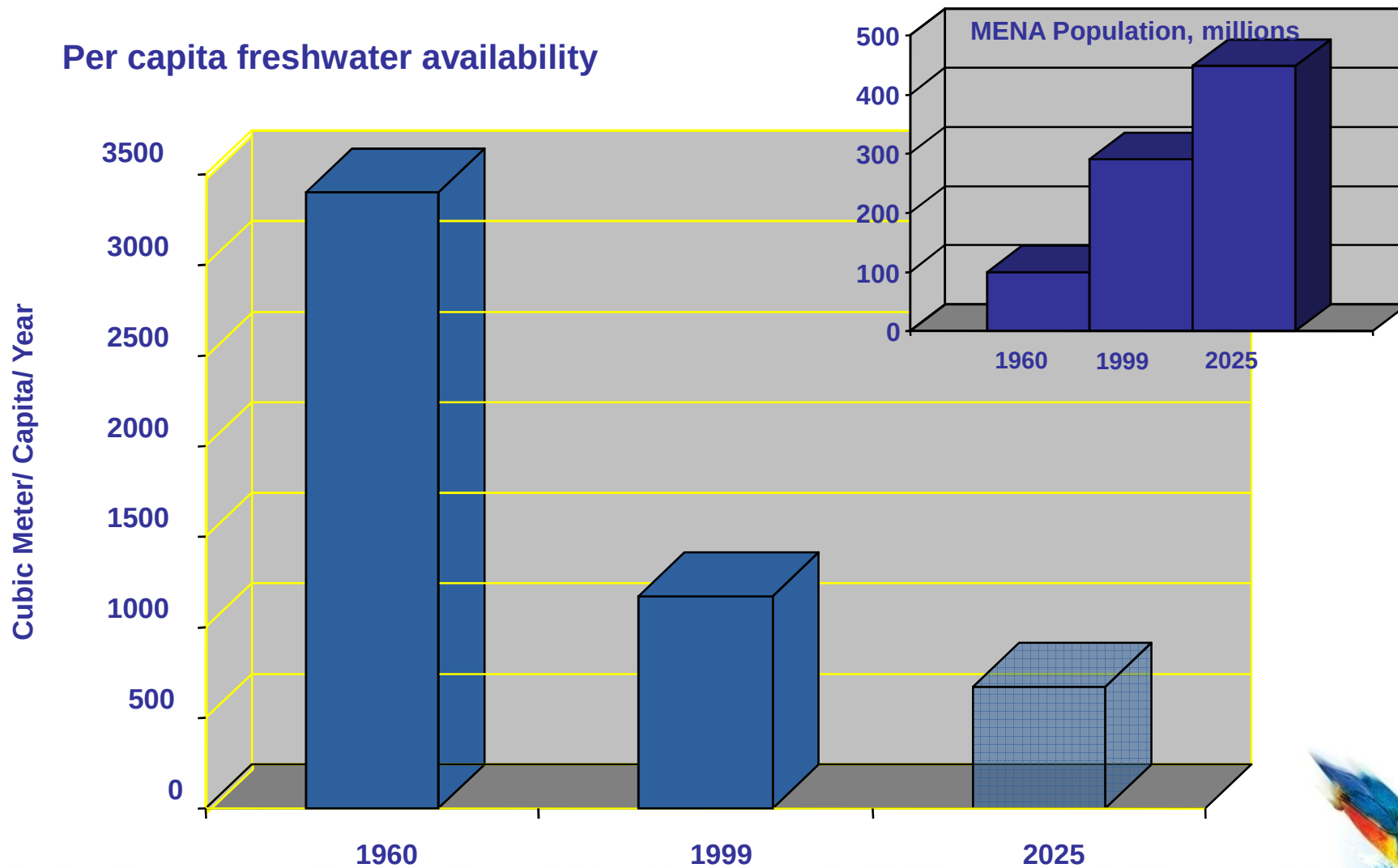


...and there are substantial disparities within MENA



FRESHWATER AVAILABILITY

Falling to crisis levels in MENA



Source:
World Bank, 2003

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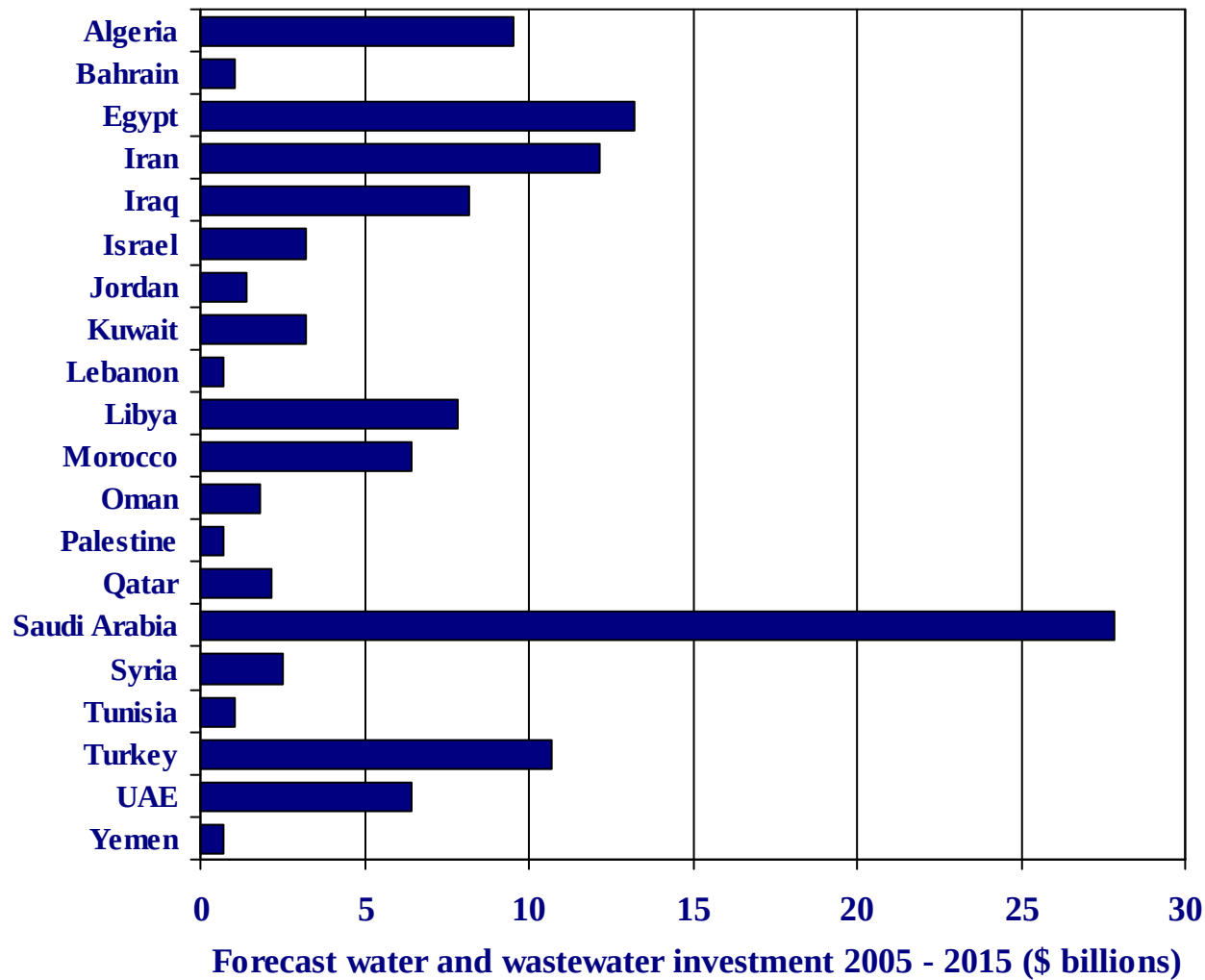


WATER CRISIS IN THE MENA REGION

- ❑ About 45 million people in MENA region lack safe water and more than 80 million lack safe sanitation.
- ❑ MENA region is the driest in the world.
- ❑ After years of investments, unaccounted for water is still around 50% in almost all MENA countries.



\$120B TO BE INVESTED IN THE REGION OVER THE NEXT DECADE



Source:
Global Water Intelligence

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DESALINATION IS SET TO GROW RAPIDLY

Global Water Intelligence forecasts for 2015

- ❑ Largest desalination market in the world remains the Gulf area – with a doubling of capacities
- ❑ Largest growth markets will be the Mediterranean Rim, with Algeria and Libya in particular experiencing 300% growth
- ❑ Membrane processes, particularly reverse osmosis, will continue to take market share from thermal desalination, with 59% of total new build capacity



KEY ISSUES IN THE MIDDLE EAST

- ❑ High non revenue water
- ❑ Inappropriate cost recovery
- ❑ Limited use of targeted subsidies
- ❑ Lack of sound investment planning
- ❑ Non-integrated resource management
- ❑ Limited environmental impact analyses
- ❑ Insufficient capacity building

Private sector needs to get more involved

Source: World Bank 2005 Review of Desalination Needs

METRO



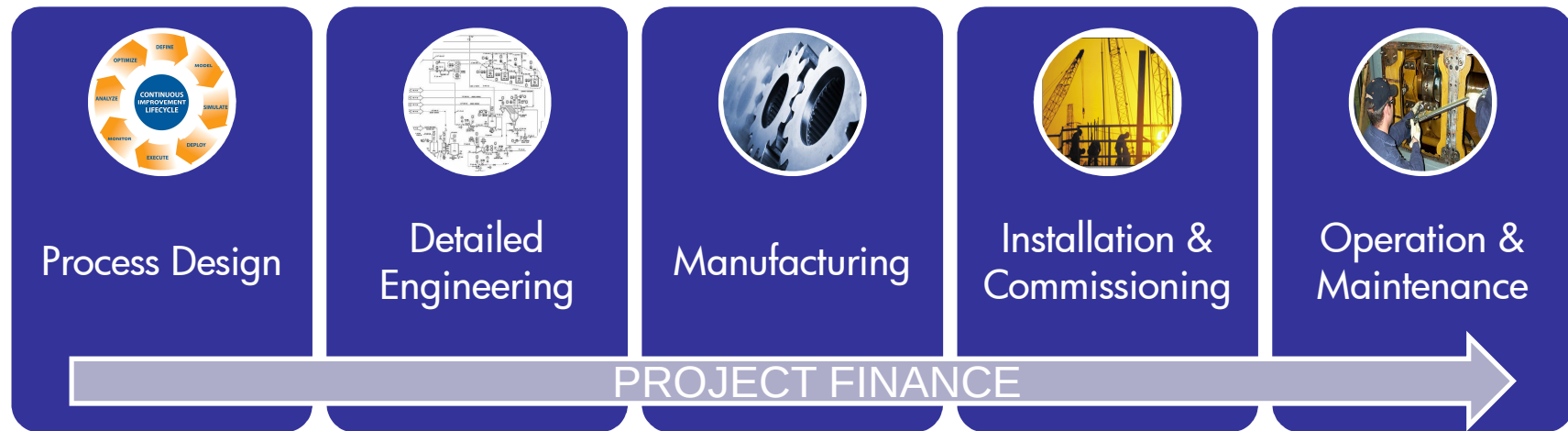
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FULL SERVICES WATER COMPANY



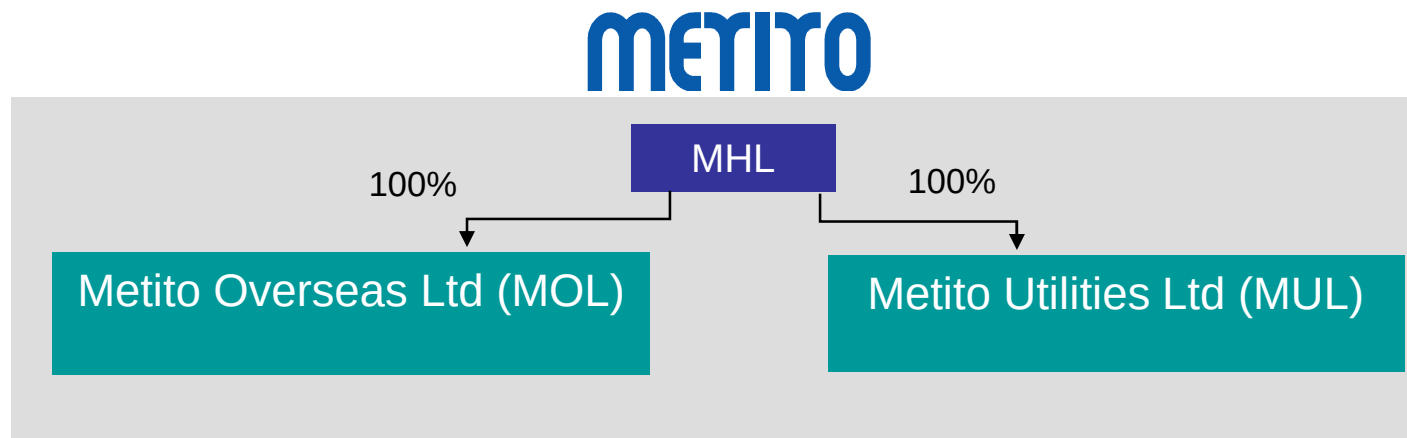
- ❑ International leader in the water industry
- ❑ Established in 1958
- ❑ Implemented over 2000 projects
- ❑ 19 Plants on BOO, BOT or full concession basis
- ❑ Private equity and IFC backed

METRO



METITO OVERVIEW

Metito is the largest Middle-Eastern based privately owned specialized water and wastewater treatment company. Established in 1958, the Group has two principal businesses:



Engineering, manufacturing, contracting, operations and maintenance.

Investment into owning and operating plants.



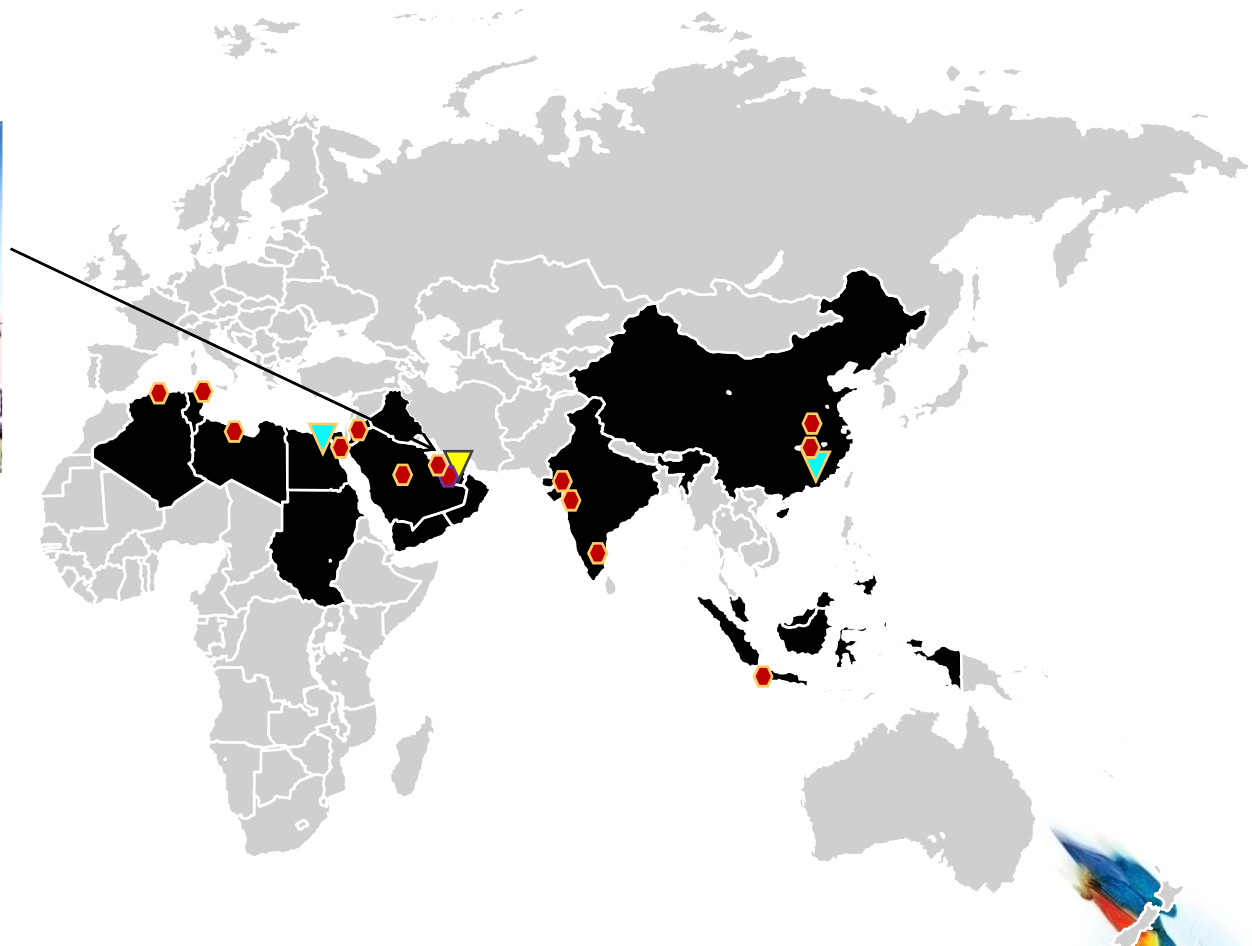
OPERATING IN 22 EMERGING MARKET COUNTRIES

▼ Global Headquarters,
UAE



▼ Regional
Headquarters in
- Egypt
- China

● Companies / offices



The Group has in excess of 2,200 employees and has developed into the leading water company from the Atlantic to the Pacific

**MOTT
MACDONALD**

METITO UTILITIES PROJECTS

MUL has 19 projects in UAE, China, Egypt, Bahrain and Indonesia.



Nabq Central, Egypt



Riffa Views, Bahrain



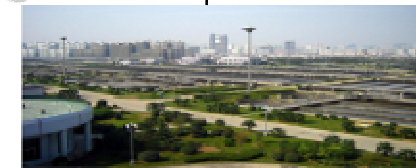
Dubai Investments Park, UAE



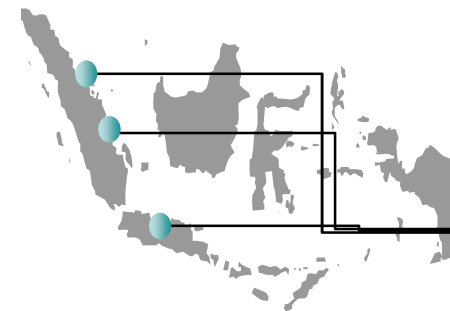
Yuan Ping, Municipal TOT & BOT, China



NQP, Municipal BOT, China



HWC, Municipal TOT, China



Pelindo I & II, Indonesia

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KEY THEMES OF THE FINANCIAL CRISIS

- ❑ The contradictions of IRR expectations
- ❑ The demands of governments
- ❑ Small is beautiful
- ❑ Each government reacts differently
- ❑ China – a model to copy?



KEY THEMES OF THE FINANCIAL CRISIS

- ❑ The contradictions of IRR expectations
 - Investors expecting higher returns
 - Cash flowing into safe assets
- ❑ The demands of governments
- ❑ Small is beautiful
- ❑ Each government reacts differently
- ❑ China – a model to copy?



KEY THEMES OF THE FINANCIAL CRISIS

- ❑ The contradictions of IRR expectations
- ❑ The demands of governments
 - Underwritten bids
 - High bid bonds
- ❑ Small is beautiful
- ❑ Each government reacts differently
- ❑ China – a model to copy?



KEY THEMES OF THE FINANCIAL CRISIS

- ❑ The contradictions of IRR expectations
- ❑ The demands of governments
- ❑ Small is beautiful
 - Project sizes of \$50-\$250M
 - Opportunity for the water / wastewater sector
- ❑ Each government reacts differently
- ❑ China – a model to copy?



KEY THEMES OF THE FINANCIAL CRISIS

- ❑ The contradictions of IRR expectations
- ❑ The demands of governments
- ❑ Small is beautiful
- ❑ Each government reacts differently
 - Qatar: no effect
 - Saudi: cancel BOT's, go back to EPC's
 - Dubai: considering its first IWPP
 - Libya: consider new laws
 - Egypt: pushing PPP programme forward

- ❑ China – a model to copy?

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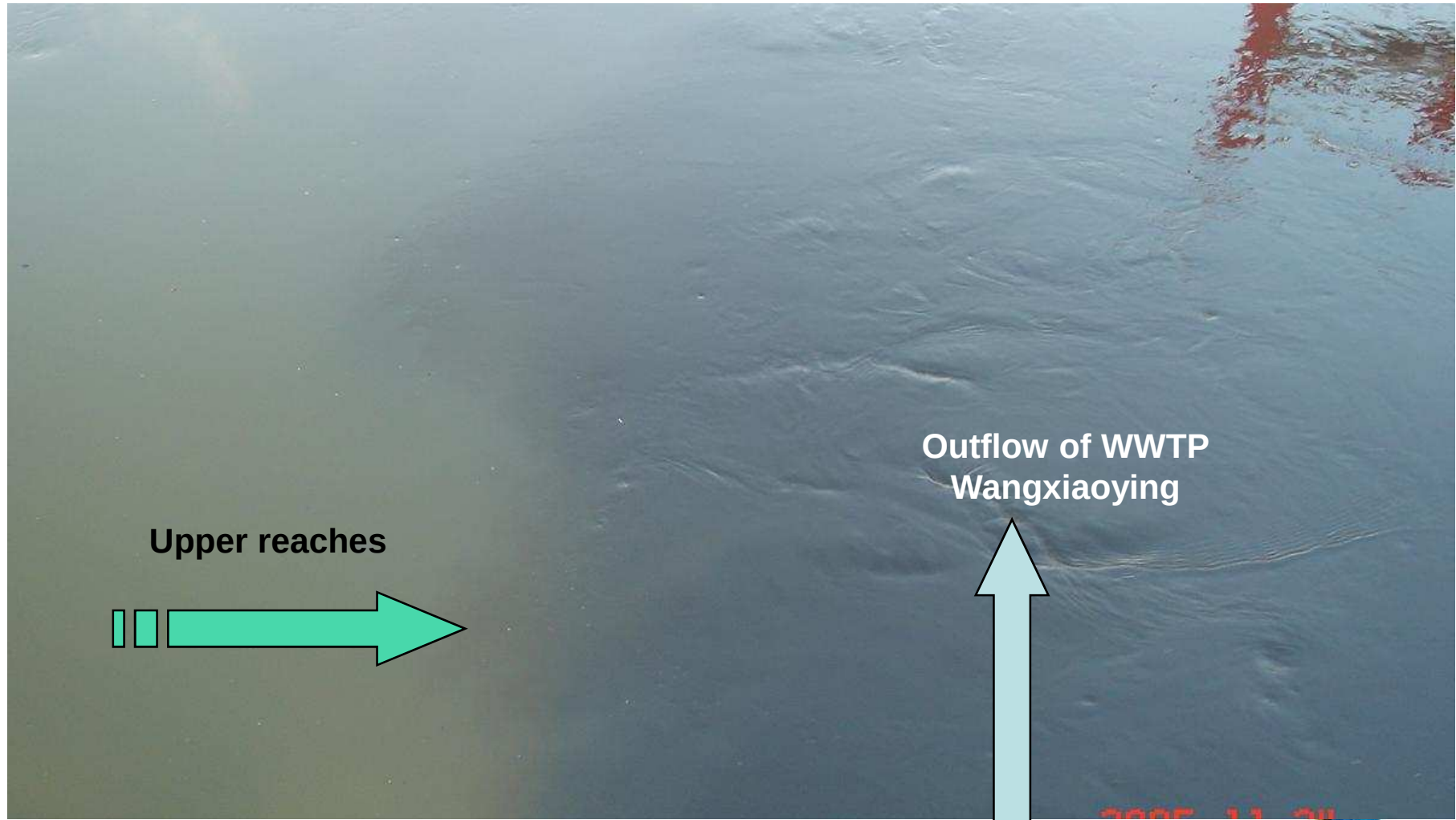


CHINA – A MODEL TO COPY?

- ❑ Similar water shortages to MENA
 - ❑ Huge environmental needs
- 
- ❑ \$700B infrastructure stimulus package
 - \$40B on wastewater alone
- 
- ❑ Local banks highly liquid
 - ❑ Local equity investors very competitive



HEFEI - DISCHARGE POINT IN NANFEI RIVER



NANCHANG – 180,000 m³/d built in 6 months



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*Commitment to a
Cleaner Environment*

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