SAWEA Workshop

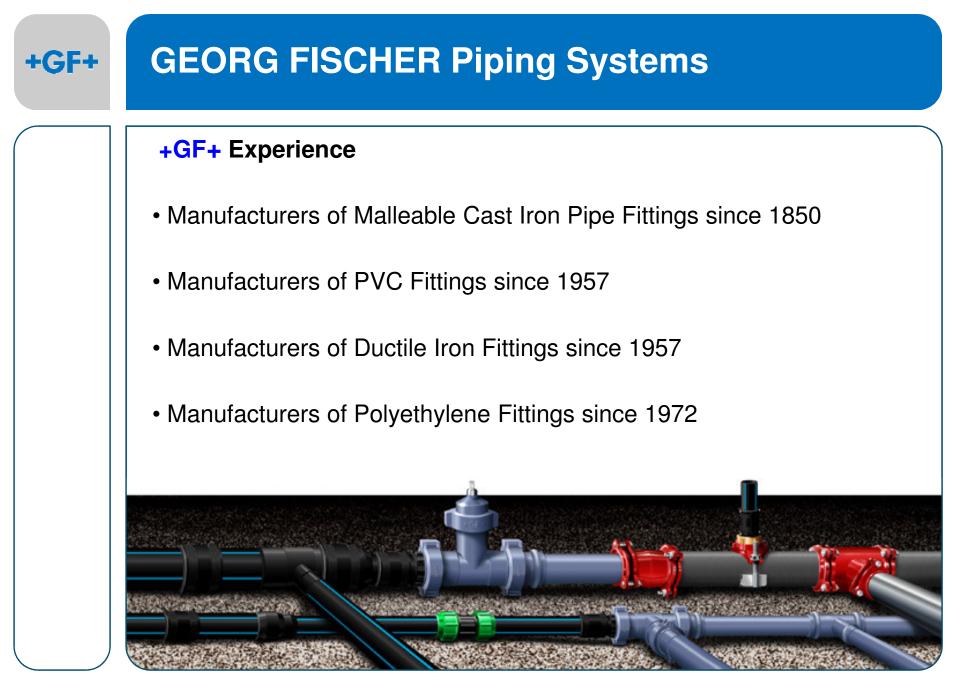
Holiday Inn, Al Khobar, Saudi Arabia 22nd – 24th February 2010

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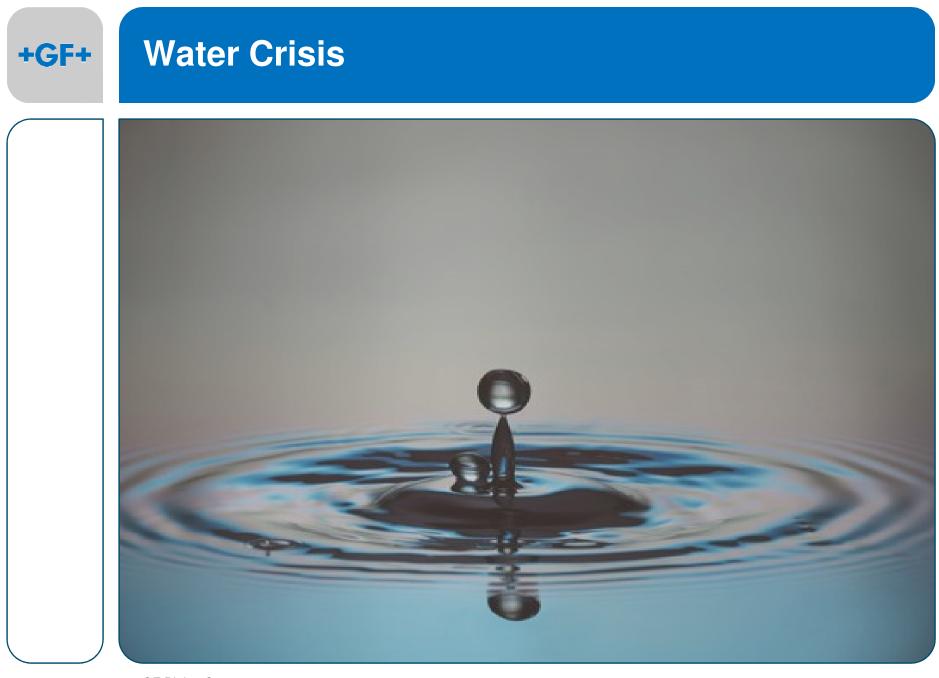
Fusion Welded Polyethylene PE100 Water Distribution Systems.

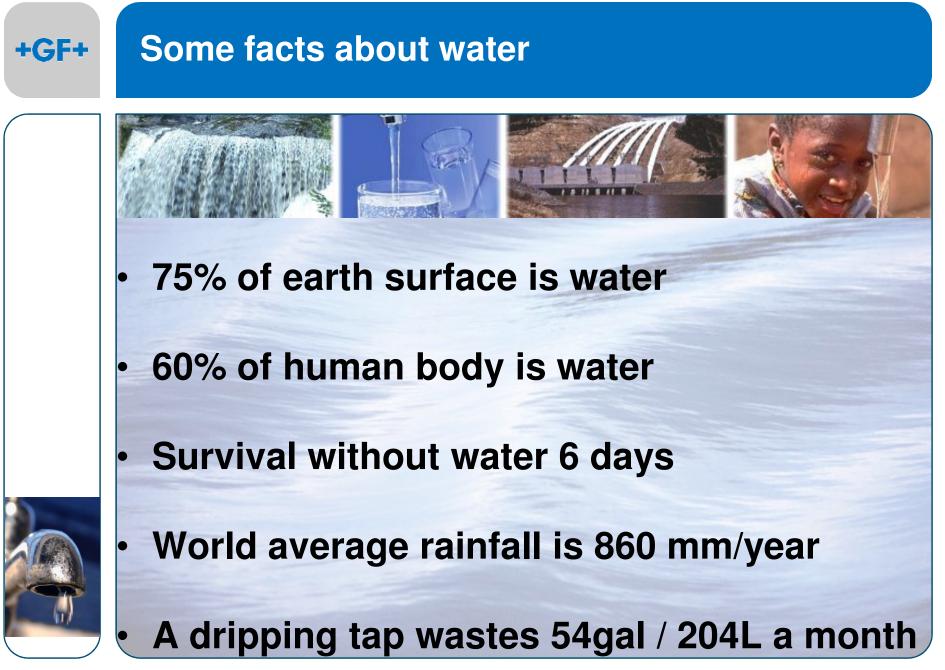
A cost effective solution to water loss.

GF Piping Systems

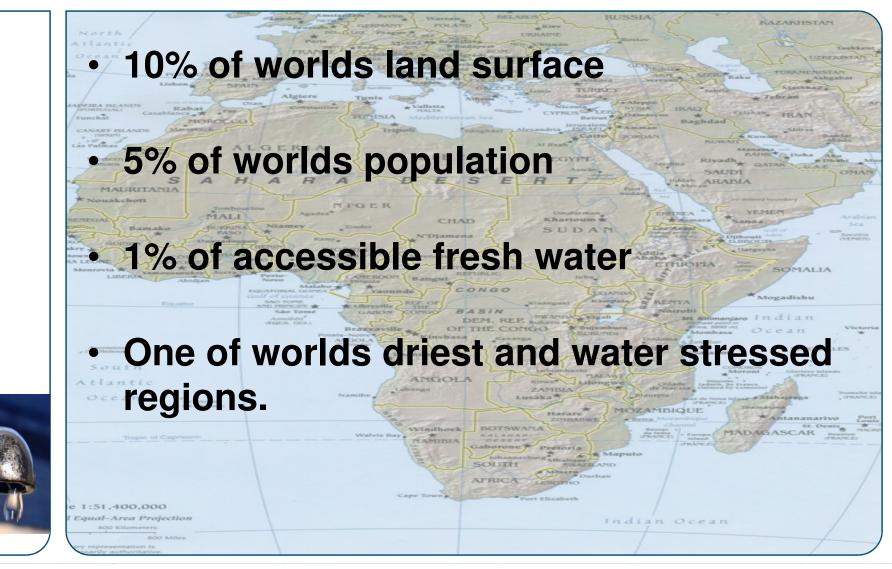




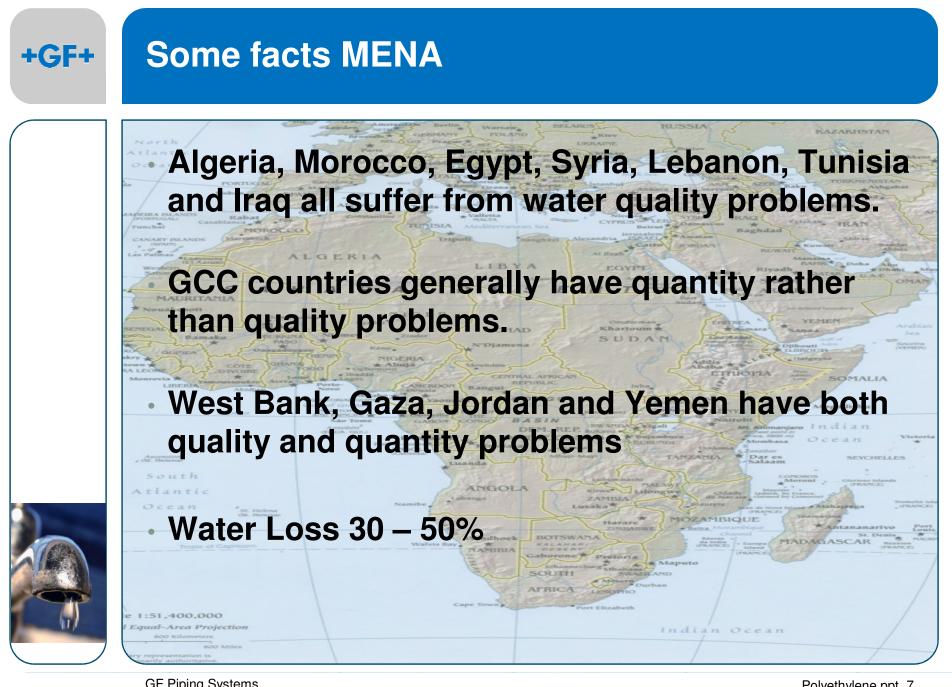




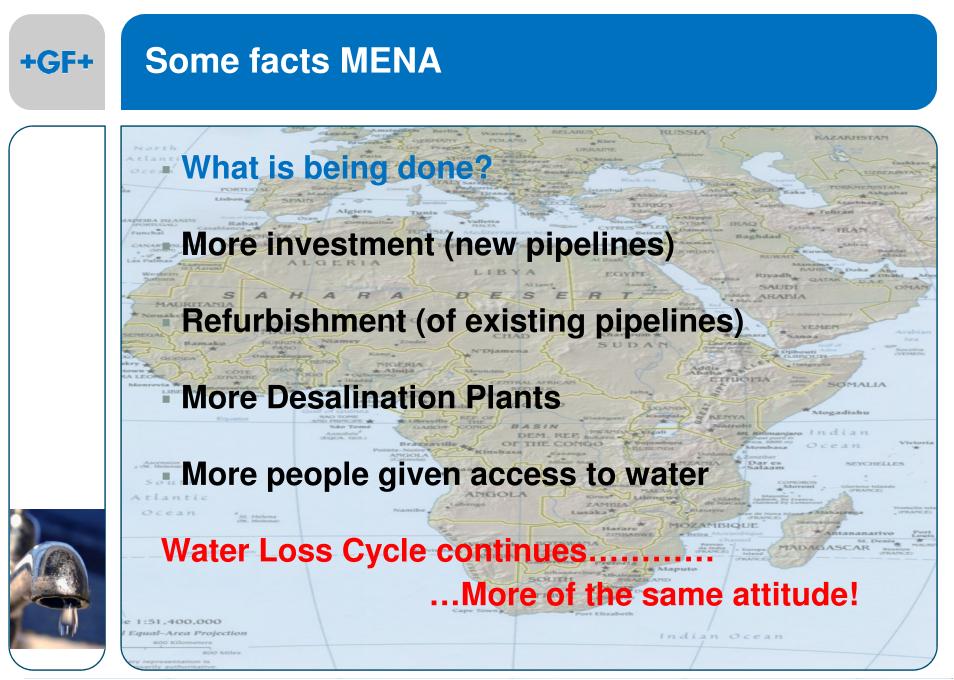
+GF+ Some facts MENA



15-Aug-04



Saudi Arabia – Water Situation 2007 +GF+ • Swiss Consultants (IPG) made studies in Jeddah and Riyadh • IPG estimate water loss at 20%. • Saudi Minister for Water stated it is higher (50%). • In Riyadh 1 million m3 of water is lost per day Riyadh has 5 million consumers 1 cu. metre costs 5 Saudi Riyal (Production, transportation and distribution). 5 million Saudi Riyals per day is lost = 2 billion Saudi Riyal per year • Saudi Arabia will invest 300 billion SR in next 10 years. 69% distribution pipes are PVC 31% are Ductile Iron Service lines are PE **GF** Piping Systems



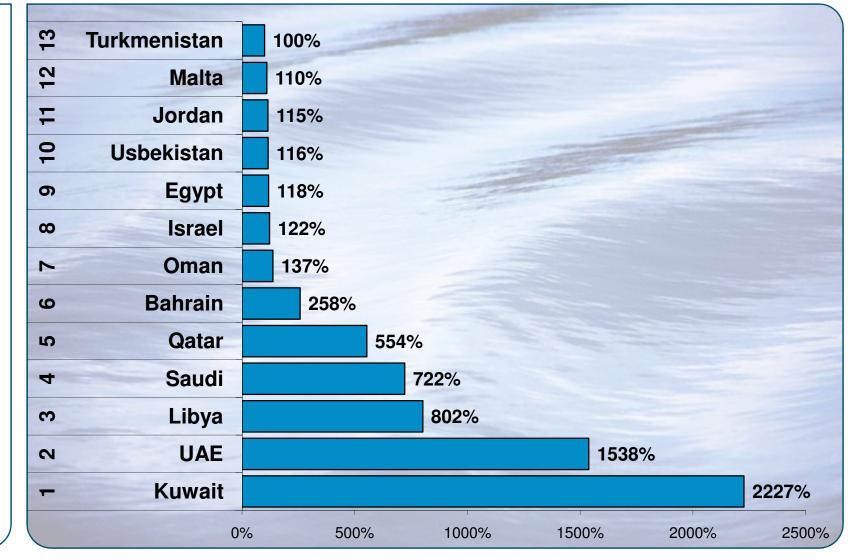


Pouring MONEY down the drain

GF Piping Systems

Polyethylene.ppt 10

Countries, which use more Water than naturally available (in %)



GF Piping Systems

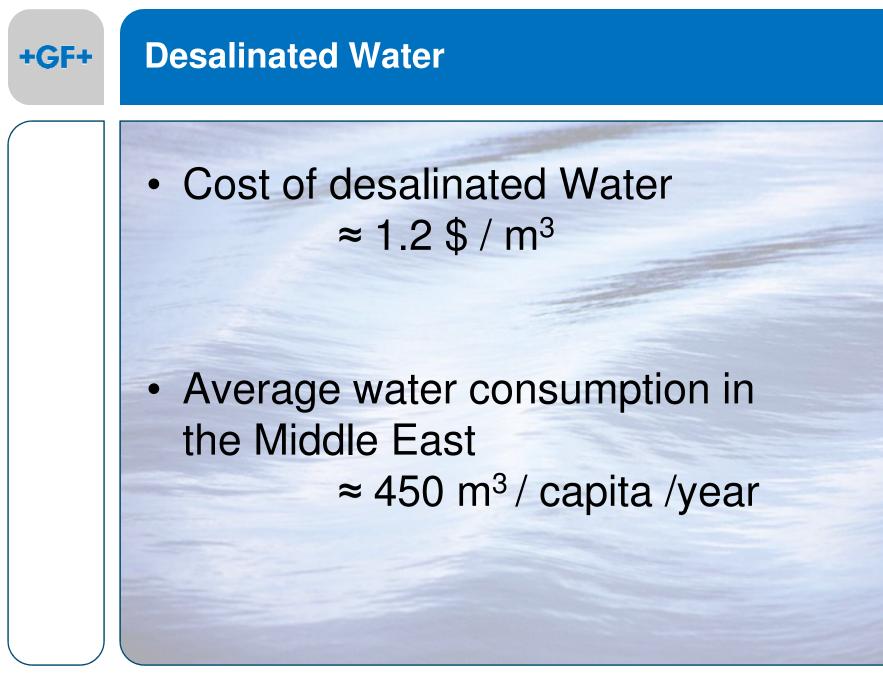
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Water has to be manufactured in Desalination Plants



GF Piping Systems

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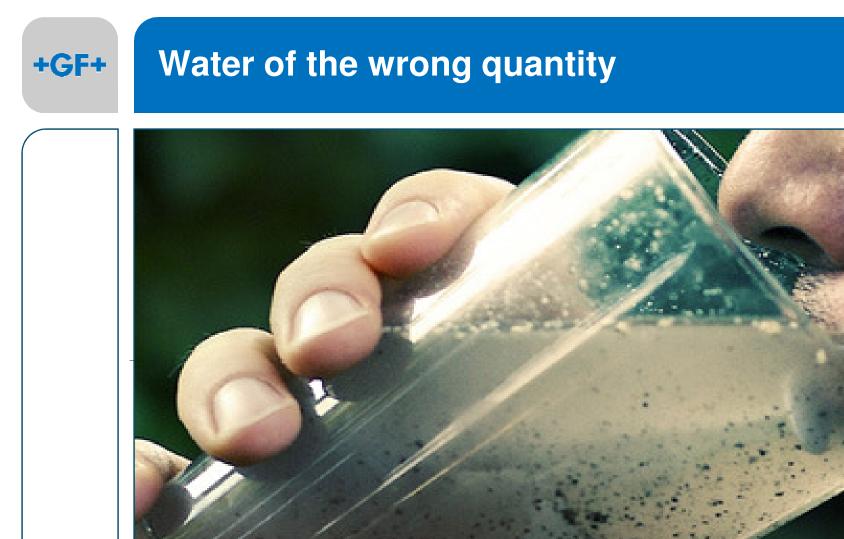
+GF+ What are the problems?



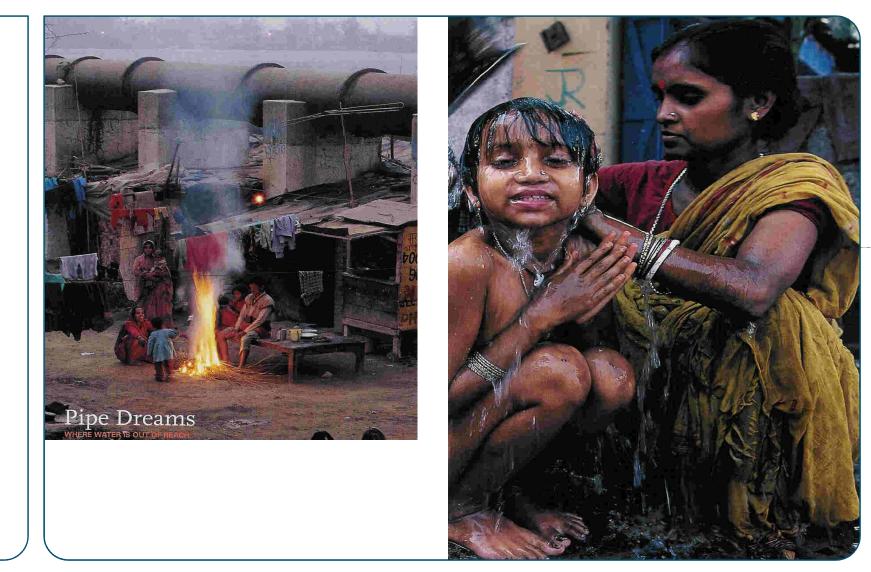
- Water of wrong quality
- Water of wrong quantity
- Wrong use of Water
- Pollution of Water
- Using water only once
- Loosing Water due to leaking piping systems







+GF+ Water of the wrong quantity



GF Piping Systems

+GF+ Water of the wrong quantity



GF Piping Systems