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Energy Balance burning platform: efficiency calling

Dubai, 09th of June 2014

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Energy and Utilities Strategy & Sustainability

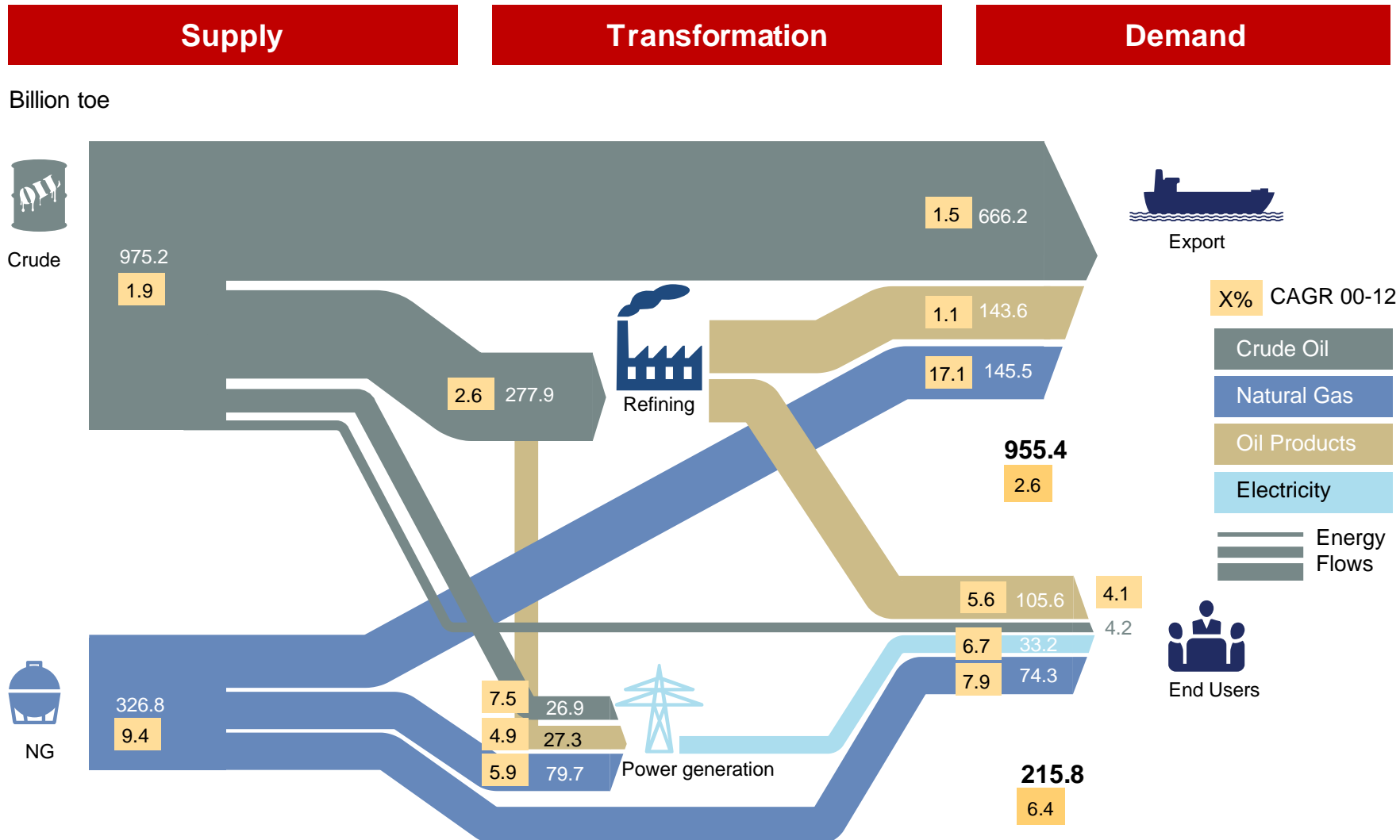
Italy, Central Eastern Europe, Russia, Turkey and Middle East

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Energy Balance provides all the key information to fully understand the evolution of national / regional sectors over time

GCC Energy Balance in 2012



UAE faces significant imbalance between the pace of internal energy consumptions and production

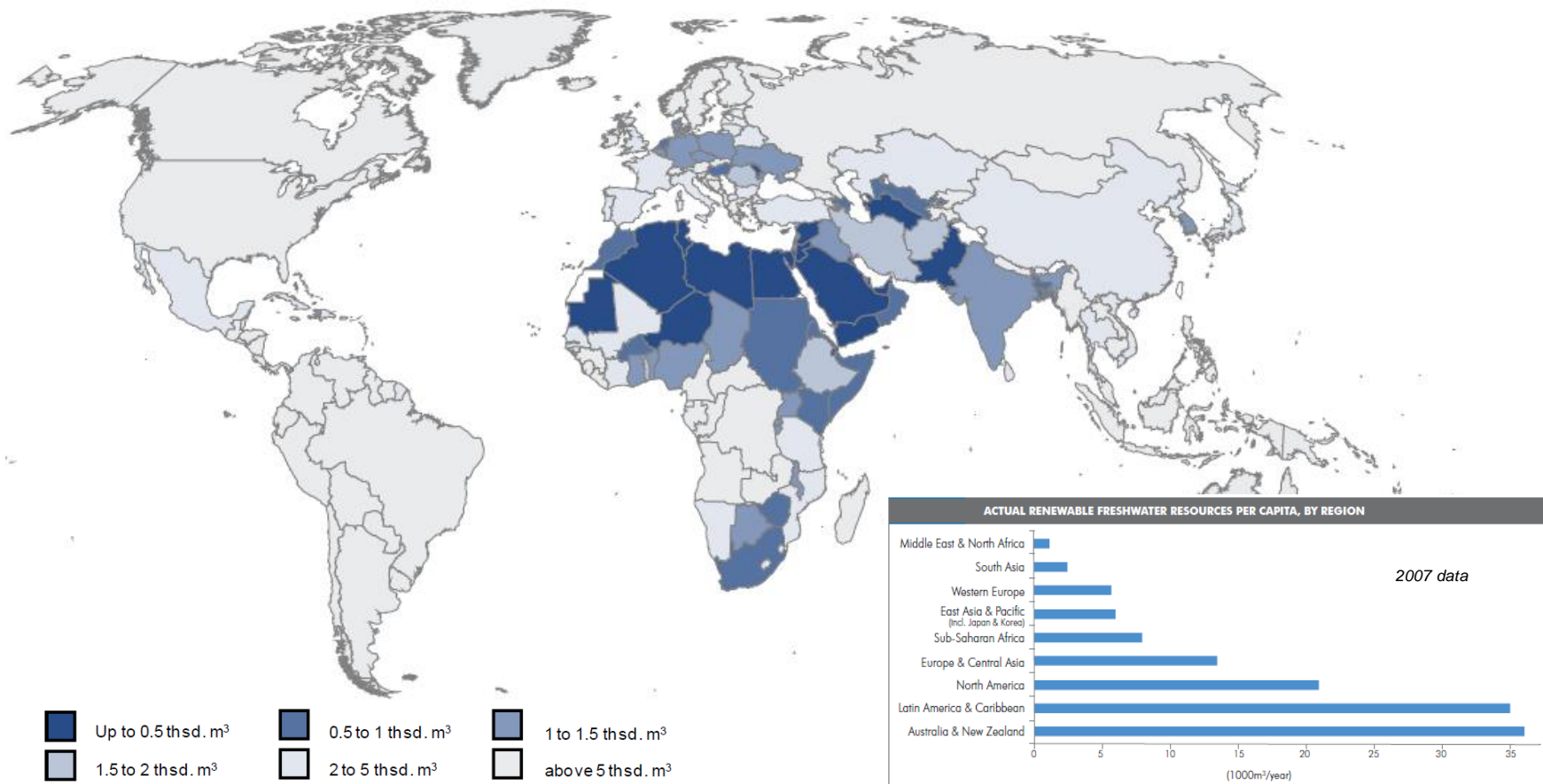
GCC Energy Balance: Key Facts

| Country | En. prod. 2000 | En. Prod. CAGR (00-12) | En. cons. 2000 | En. Cons. CAGR (00-12) | Energy balance index ⁽¹⁾ |
|---|----------------|------------------------|----------------|------------------------|--|
|  KSA | 479.3 | +2.1% | 57.7 | +6,7% | 68.3  |
|  UAE | 156.4 | +1.8% | 25.4 | +6.1% | 67.2  |
|  Qatar | 59.5 | +12.4% | 5.8 | +8,7% | 12.9  |
|  Kuwait | 114.3 | +2.8% | 8.2 | +4,3% | 61.6  |
|  Oman | 61.0 | +1.8% | 3.1 | +17,3% | 88.8  |
|  Bahrein | 14.9 | +1.8% | 2.6 | +6,5% | 62.1  |

(1) Proprietary index developed by Accenture Strategy. Methodology in appendix. In extreme synthesis: if 0-30 points: green (no energy balance issues), 31-60 points: orange (issues to be managed), 61-100 points: red (critical issues ask for immediate action)

Water scarcity is also an acute problem in the MENA region

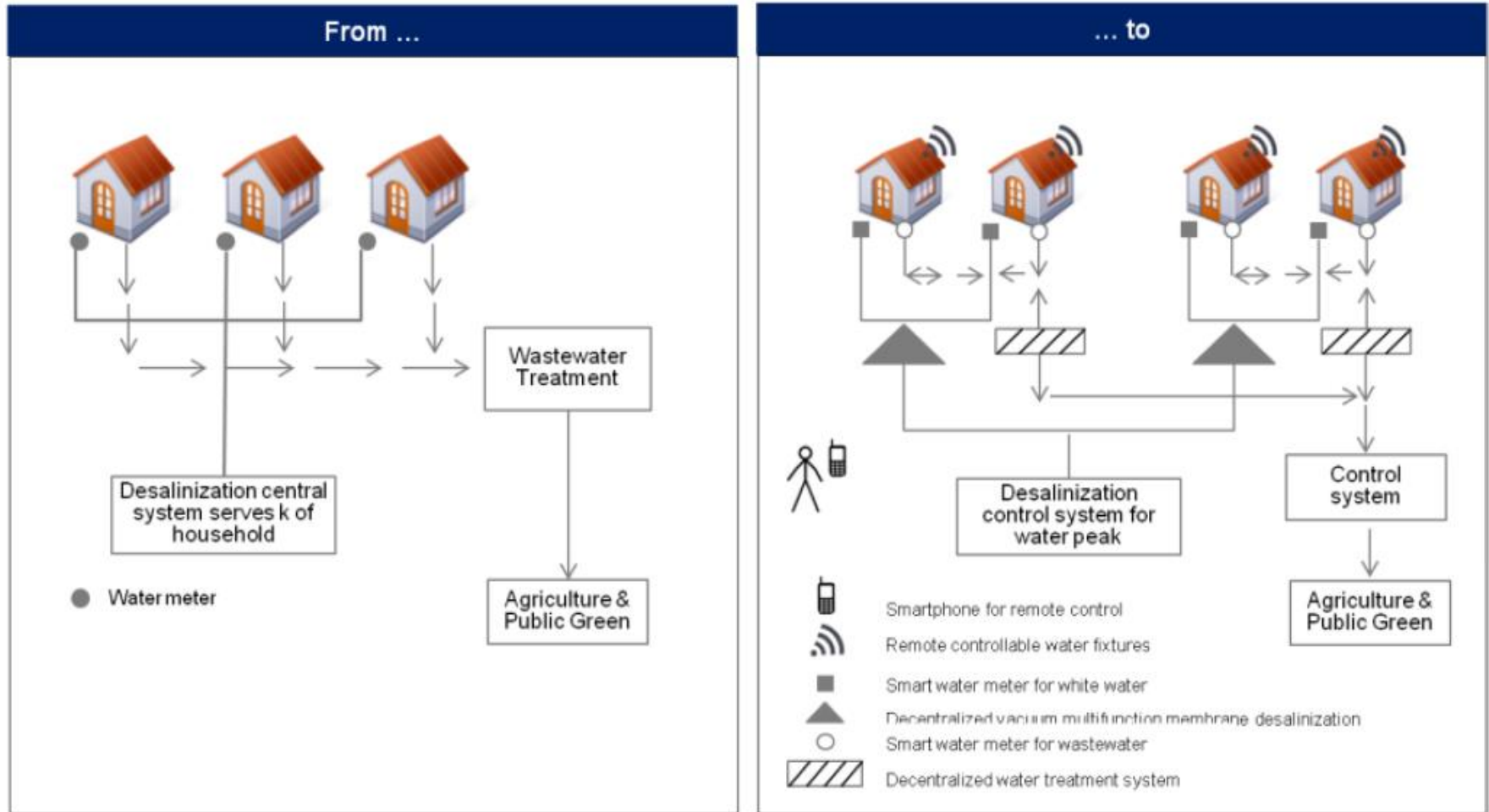
Global water challenges by regions



Source: [Deutsche Bank, Water: Investments of EUR 500 bn required – every year!, June 6, 2011](#)

Advanced water management solutions could contribute but decentralized water management could be a game changer

Household water management system





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