

GE Power & Water
Water & Process Technologies

Water & climate adaptation

GE Water's efforts

Colin Enssle

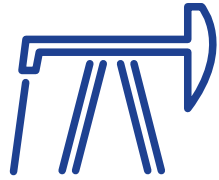
Senior Manager, Global Regulations & Marketing

June 27th, 2012



GE Energy

165+ countries • 100,000+ employees • \$43.7B in 2011



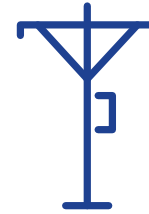
Oil & Gas

Drilling & Surface
Global Services
Measurement & Control
PII Pipeline Solutions
Subsea Systems
Turbomachinery



Power & Water

Aeroderivative Gas Turbines
Gas Engines
Nuclear Energy
Power Generation Services
Renewable Energy
Thermal Products
Water & Process Technologies



Energy Management

Digital Energy
Industrial Solutions
Power Conversion

GE Water & Process Technologies

Quick Facts

- HQ in Trevose, PA, USA
- 8,000 employees globally
- 50,000 customers in 130 countries
- 50 global manufacturing sites

Chemical & Monitoring Solutions

- **Cooling Chemistries**
- **Boiler Chemistries**
- **Wastewater Chemistries**
- **Fuel Oil Treatment**
- **Hydrocarbon Process Chemistries**
- **Industrial Process Chemistries**
- **Knowledge Management & Monitoring Solutions**

Engineered Systems

- **Ultrafiltration/Membrane Bioreactor**
- **Mobile Water Solutions**
- **Water Outsourcing**
- **Thermal/Zero Liquid Discharge**
- **Reverse Osmosis/Electrolytic Systems**
- **Filters & Membranes**
- **Advanced Biological Metals Removal (ABMet)**
- **Analytical Instruments**

Aligning the best people with the most advanced technology, products and services to solve any water or process challenge our customers may have.



Efforts in climate adaptation challenges

1 Technological solutions

Water scarcity challenges operations for refineries in Australia (BP) & Argentina (Repsol YPF)



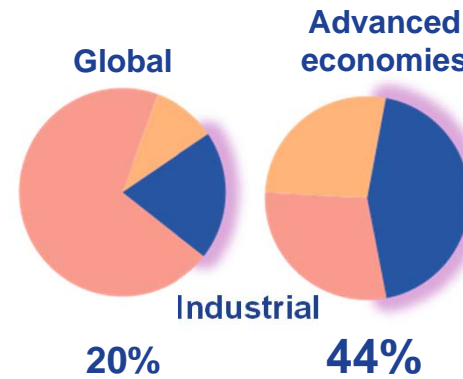
2 ecomagination

- Supplier responsibility program
- Water, energy intensity goals
- “Treasure Hunts”



3 Global Strategy & Planning

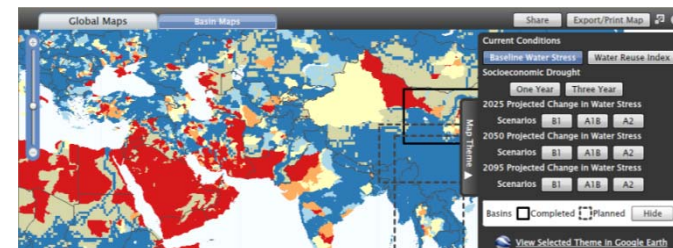
Water withdrawals



What if developing economies move in the same direction?

Source: Pacific Institute, The World's Water Vol 7
<http://www.worldwater.org/data.html>

4 Aqueduct Alliance



- Water risk atlas
- Business risks: quantity, quality, regulatory & reputational



imagination at work