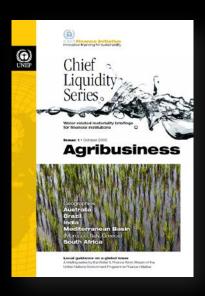
Climate change adaptation An industry perspective

Geneva

Justin Abbott

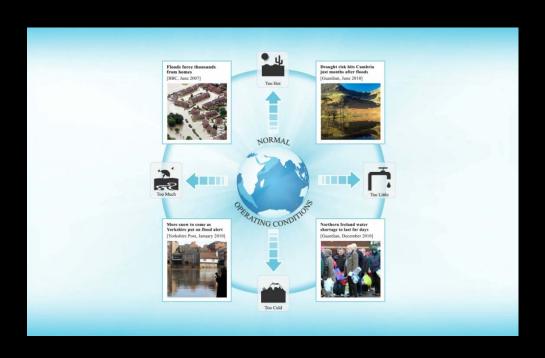
Drivers





An industry perspective

Understanding risk



GEMI Local Water tool

Ceres Aqua Gauge

Water Footprint Assessment Standard by the Water Footprint Network

Global Water Tool by the World Business Council for Sustainable Development

Aqueduct by the World Resources Institute

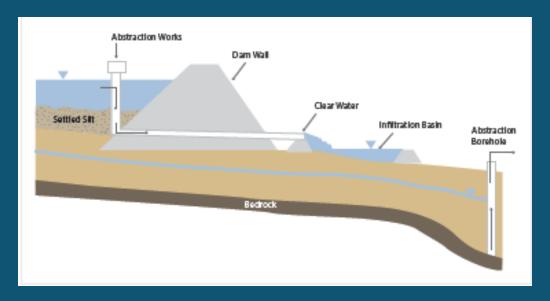
Water Risk Filter by WWF/DEG
Corporate Water Disclosure Standards
led by the Pacific Institute

An industry perspective

Adapting to risk

An industry perspective Adapting to risk – Developing alternative sources

- Sector; Mining
- Groundwater
 recharge; dam and
 infiltration basins to
 capture and store
 flood waters.





An industry perspective Adapting to risk - Recycling water

- Sector; Food
- Harvesting rainwater, capturing process waters.



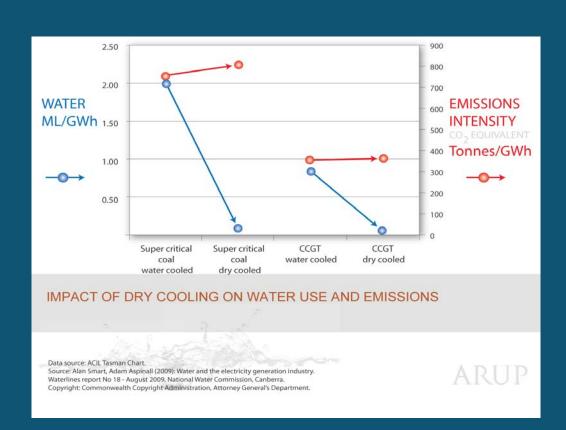
An industry perspective Adapting to risk – Closing the loop

- Sector; Power and Steel
- Water re-use across sectors



An industry perspective Adapting to risk – Reducing water consumption

- Sector; Power
- Water efficient technologies; direct dry cooling



An industry perspective Adapting to risk – Understanding systems

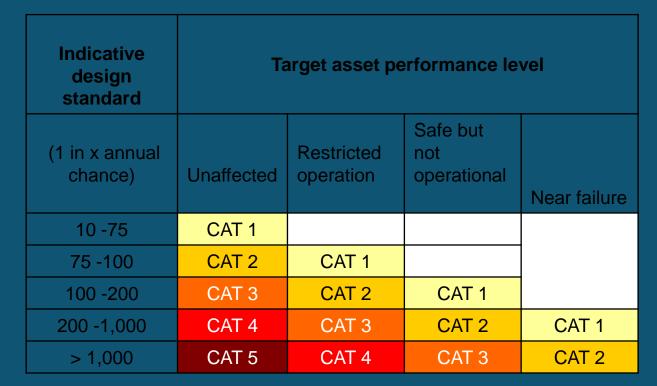
- Sector; Utilities
- Developing

 consistent
 understanding of
 flood risk.



Network Rail

ARUP



∨EOLIA

An industry perspective Adapting to risk – Partnerships

- Sector; Energy
- Community

 engagement,
 addressing leakage
 within community
 infrastructure.



An industry perspective Adapting to risk – Observations

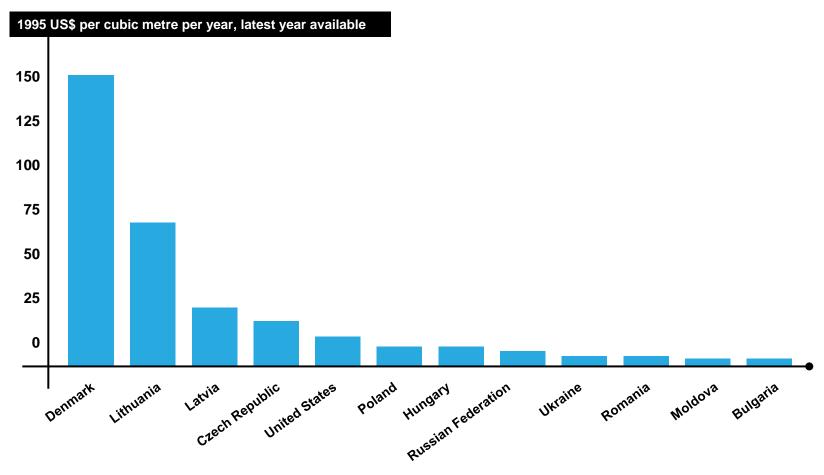


Looking forward



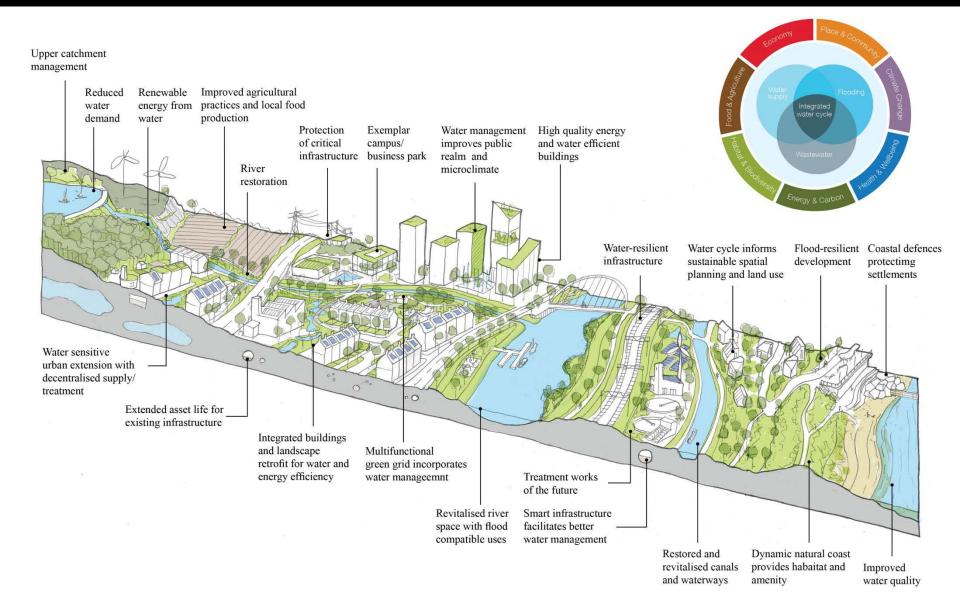
An industry perspective Looking forward - Recognising opportunity

Industrial water productivity varies greatly across countries

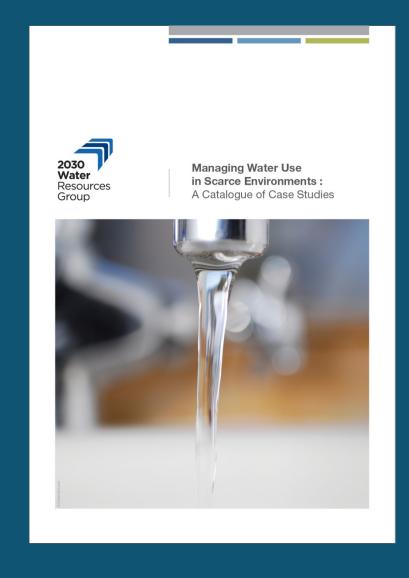


Source: Based on UNIDO 2007

An industry perspective Looking forward - Efficient interventions, working across catchments



An industry perspective Looking forward - Evidence base for action



Thank you.