

Water Scarcity or Safe Water Limitations

John Fawell

UK



Why should ILSI be interested?

- Already many existing programmes and initiatives – added value?.
- Recognition of (rapidly) changing circumstances.
- Global attention on water and sanitation needs – making a contribution.
- Recognition of need for sustainability in the broader context.



Threats to water

- Pressure on existing water resources is increasing.

Demand with growing population and growing cities.

Related demand for agriculture.

Climate change with more extreme events.

- Depletion of slowly renewed resources.
- More people more pollution.



Water scarcity and limitations on safe water

- Depends where you are but increasingly global industry needs to be prepared.
- Consideration of lower quality sources and novel sources.
- Require treatment and need to ensure water quality is fit for purpose.
- Includes reducing adverse impact on water resources.



Food Industry

- Issues affect farm to fork or source to bottle (via processing).
- Preparedness to address perception.
- Sound basis to make sure will not be undermined by antagonistic (opportunist) pressure groups.
- Scientifically sound and transparent “standards” and frameworks.
- Common interest so cooperation makes sense.



Practical Sustainability

- Water is key to a sustainable food supply.
- More urban environment means that a modern food industry is vital.
- But can be an easy target so important that can show quality is maintained while environmental impact is minimised.
- Planning for the long-term using sound and defensible principles.

