

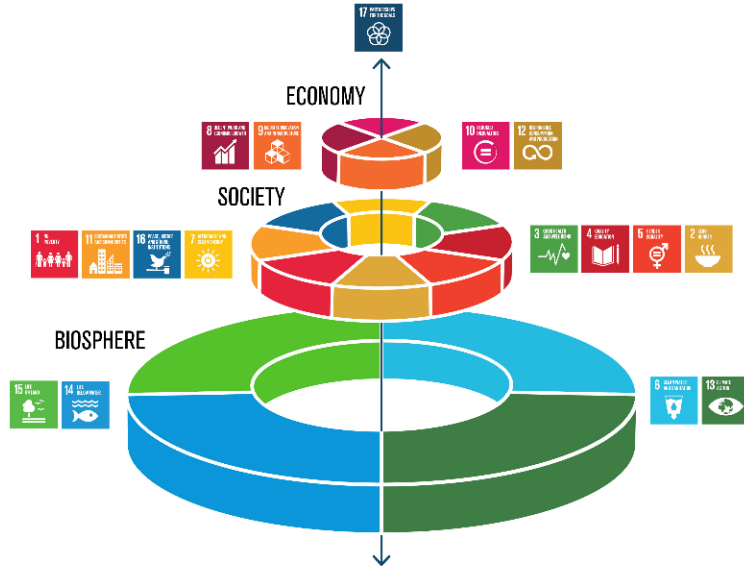


# AIWW SUMMIT 2018 ROTTERDAM 15<sup>th</sup> NOV

IMPLEMENTATION OF INTEGRATED SOLUTIONS BY CITIES, INDUSTRIES, UTILITIES AND FINANCE

# Institutional arrangements in valuing water

Stuart Orr, WWF International



# Institutional arrangements in valuing water

- What institutions? Who does this include?
- What's wrong with them now?
- Any institution must consider the following

# Institutional arrangements in valuing water

## Measure

- Water management is plagued by a lack of measurement of key attributes
- The 'hidden' values of rivers are even less well monitored
- Embrace 4IR, tech and data
- What are our 2020 SDG indicators?
- Address the fundamental flaw!

# Institutional arrangements in valuing water

## Value

- Our financial system fails water
- Valuation tools, frameworks exist
- Incentives and pressure are non-existent
- Role of Insurance, finance and PS?

# Institutional arrangements in valuing water

## Trade-offs

- Even with improved information, decision-making will require navigating difficult trade-offs, often across market and non-market values.
- Again, we have the tools to make better decisions

# Institutional arrangements in valuing water

## Governance

- Governance includes, but must go far beyond, government agencies and policies
  - System-scale planning for energy and water infrastructure
  - Context based targets
  - Bankable water solutions





Frederic Remington