

Business and water security risk

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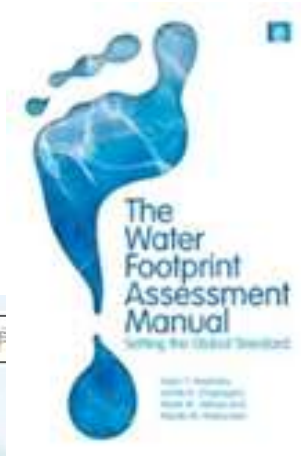
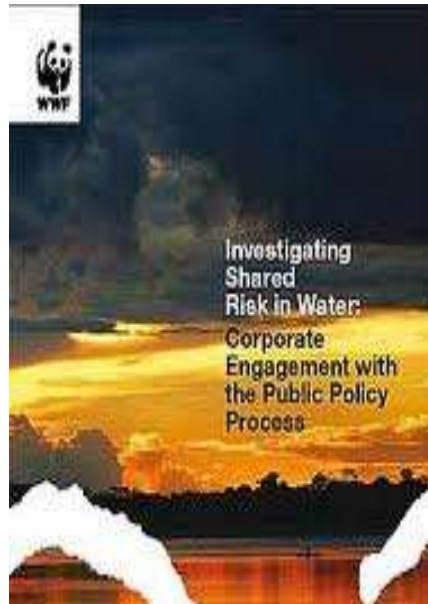


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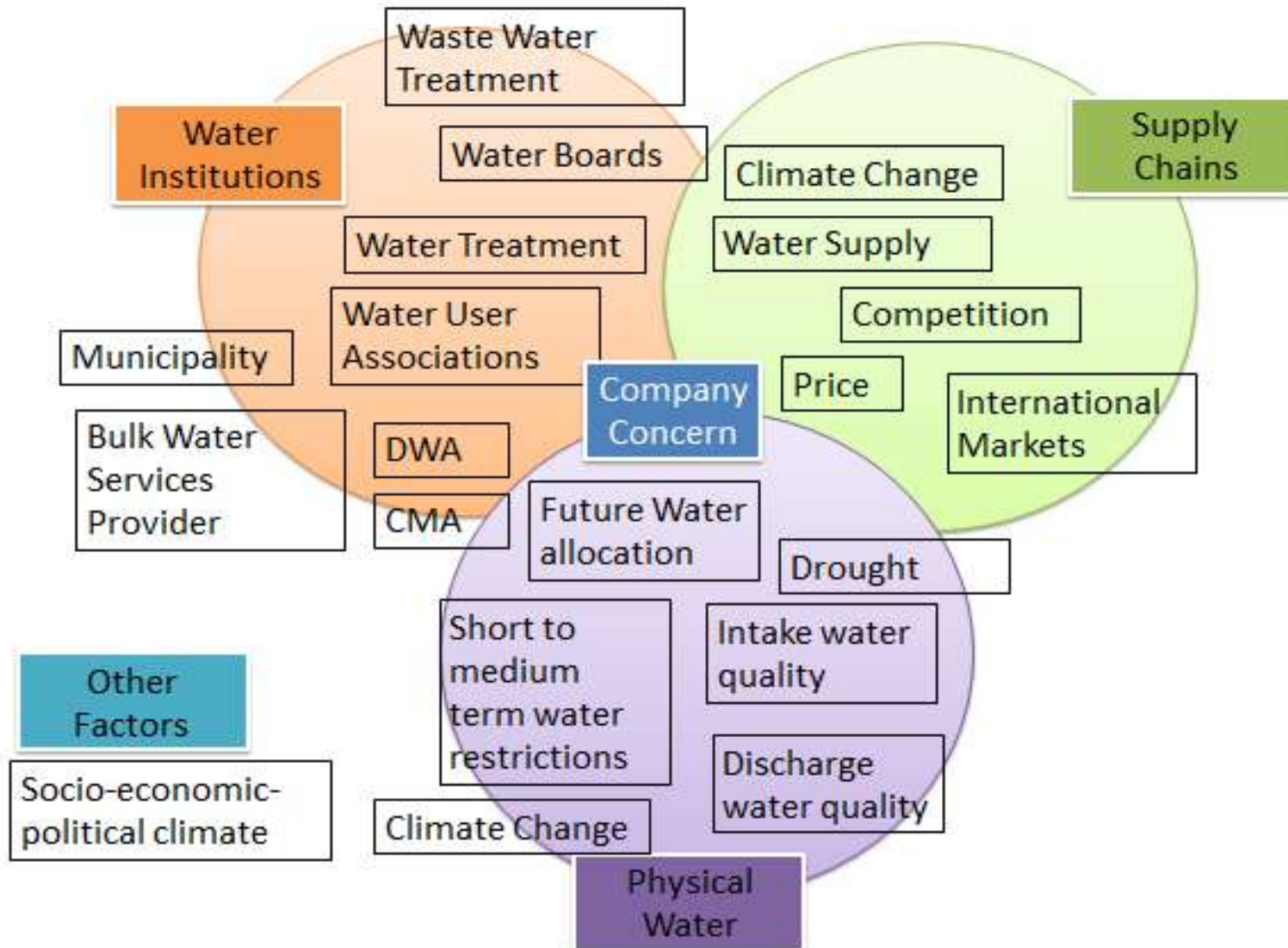


WATER
RESEARCH
COMMISSION

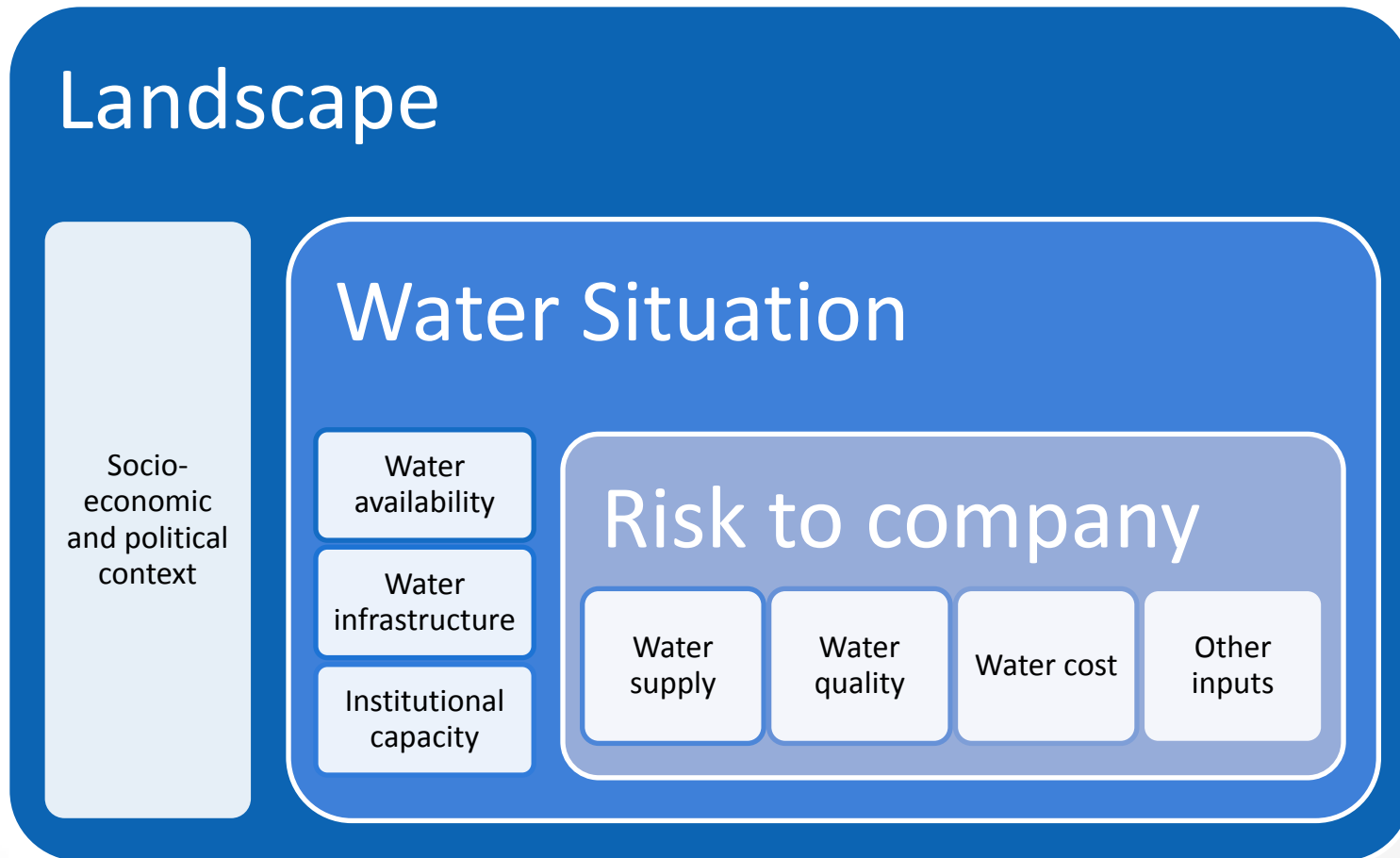
Growing concern: business water risk



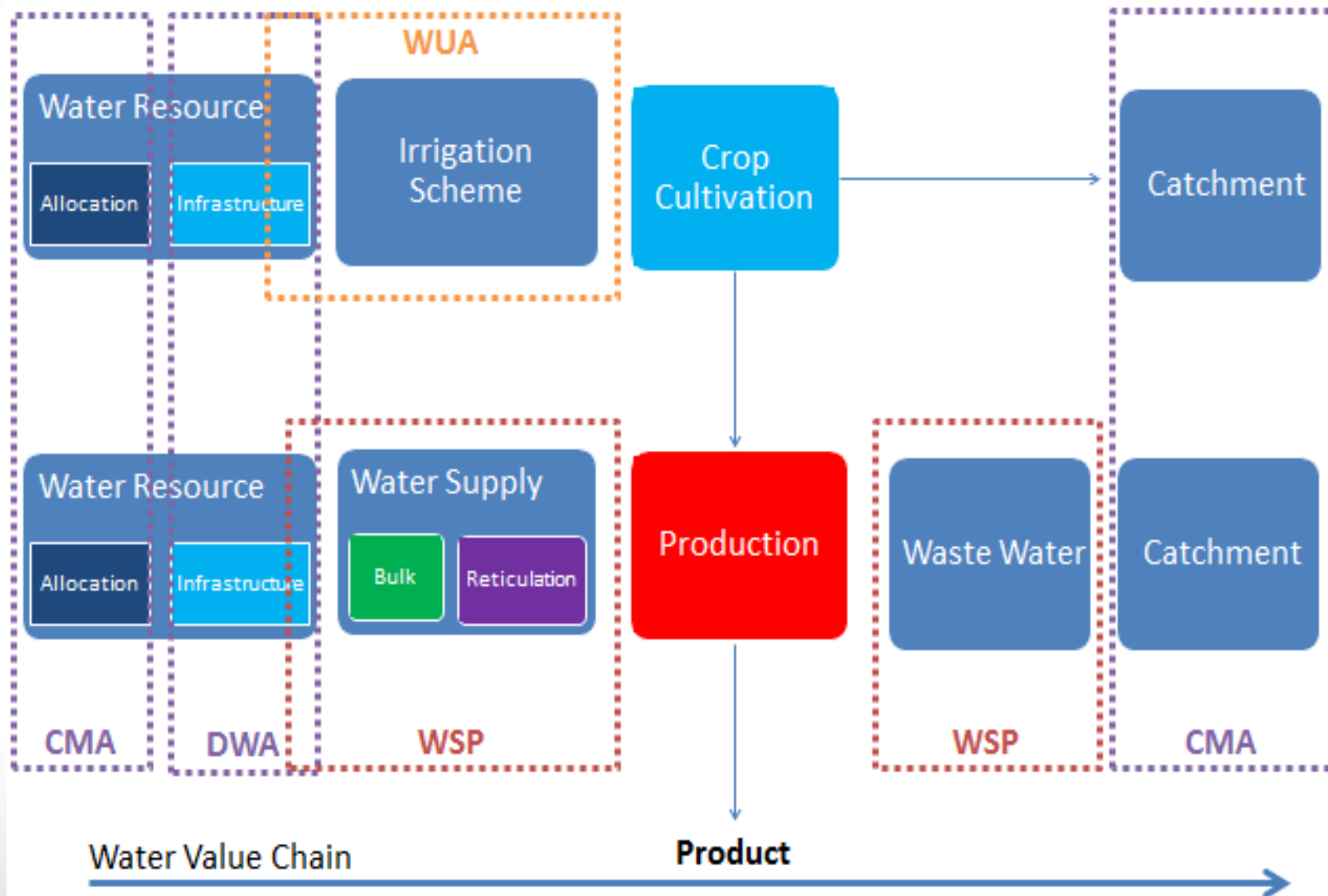
A complexity of concerns



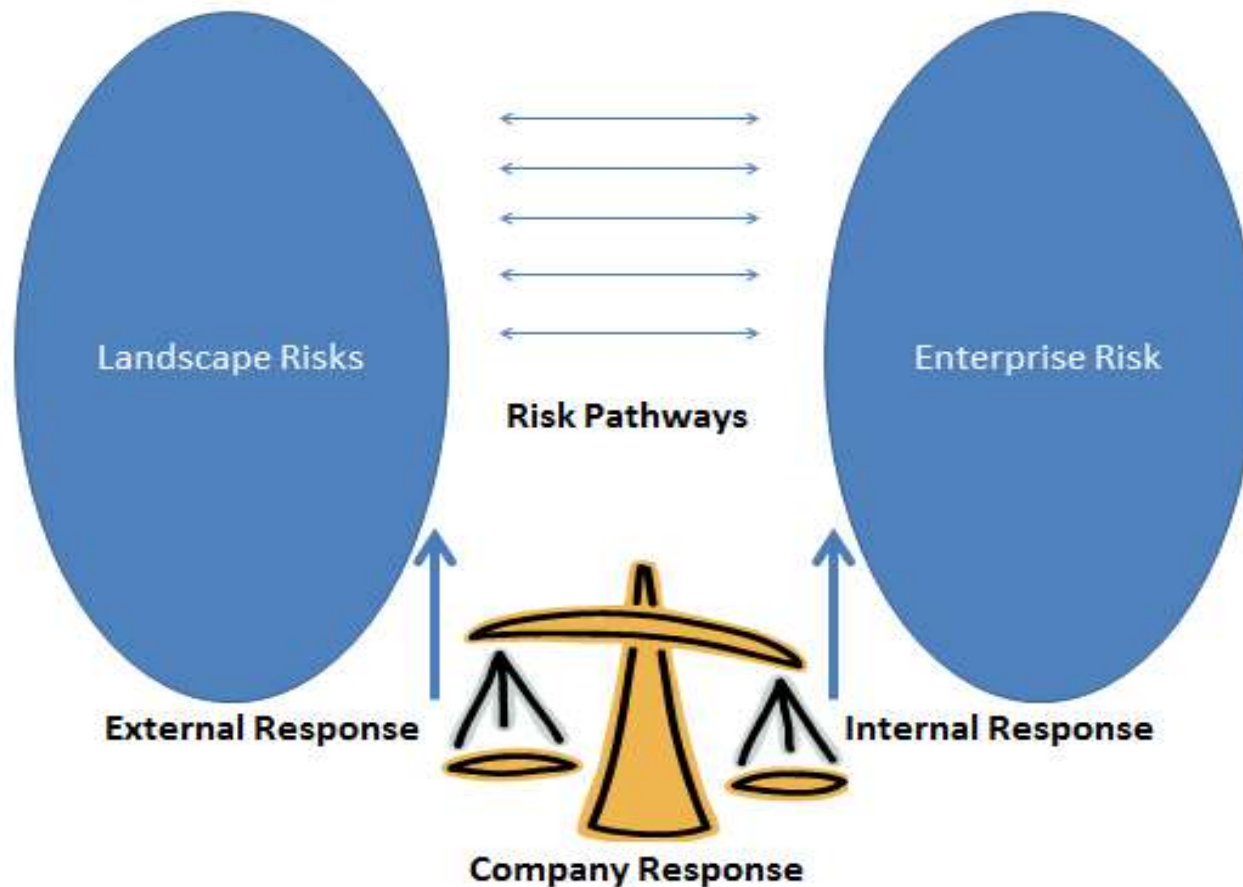
Business risks nested within broader landscape



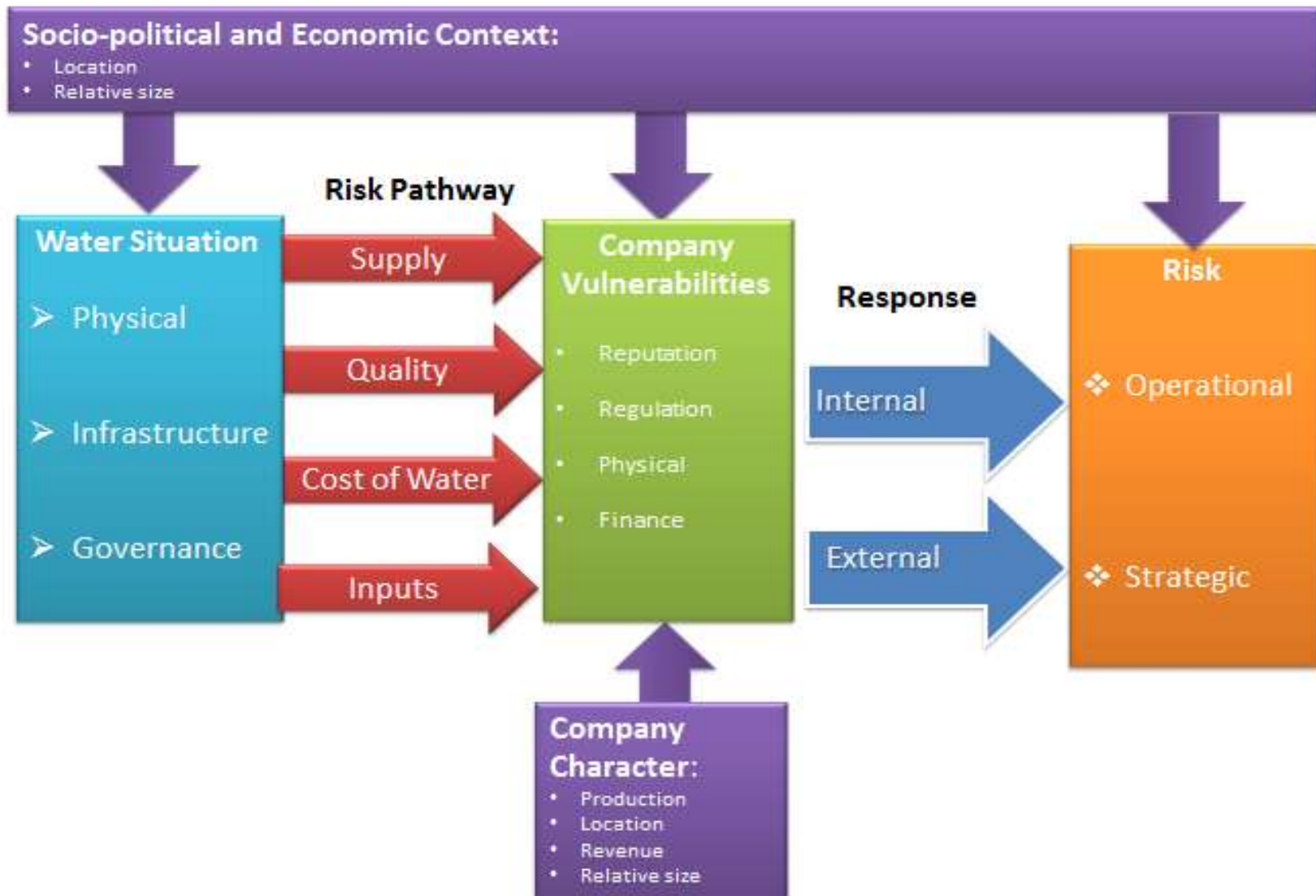
The agro-processing water value chain



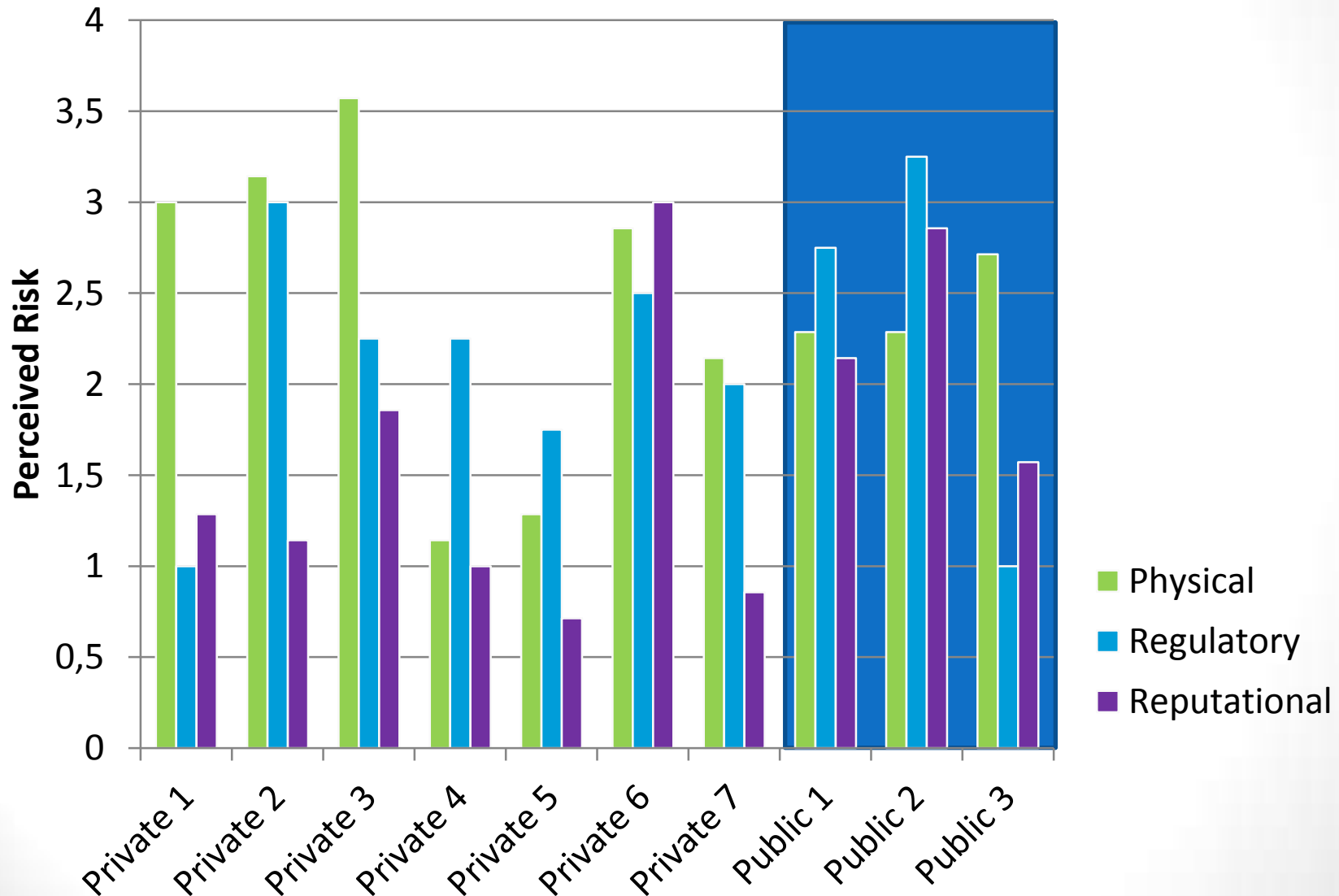
Response options



Water related vulnerabilities and risks



Theewaterskloof water risk perceptions



Interview response summary

- Physical risk
 - Not a concern now, but a real concern going forward: Cape Town, population growth and climate change
 - Supplied by municipality more concerned
- Regulatory risk
 - Not heavily regulated at the moment, anticipate changes in the near future, acting proactively
 - Industry regulation and not municipality
- Reputational risk
 - Depends on nature and culture of business
- Financial risk
 - Not relevant in terms of volumes of water, but relevant for infrastructure and if regulations change

PRIVATE SECTOR:

Physical:

- Availability
- Infrastructure

Regulatory:

- Regulatory regime
- Industry Regulation

Reputational:

- Social community
- Customers

Financial:

- Cost of water
- Cost of other risks

Landscape Risk:
Socio-political, economic
and environmental

Secondary Risk:

Physical
Governance
Infrastructure

Primary Risk:

- Quality
- Quantity

WATER RISK

PUBLIC SECTOR:

Physical:

- Supply
- Environmental
Allocation

Regulatory:

- Statutory governance
- Good governance

Reputational:

- Service delivery
- Business perceptions

Financial:

- Financial
- Economic
development