



The CEO **Water** Mandate



Global Water Risks and Opportunities for Business:

Current State of Play and Future of Corporate Water Stewardship

October 2019

Overview

- Introduction
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 - Part 2: Water Stewardship Emerging Practice
 - Part 3: Opportunities Presented by the Climate Adaptation Imperative
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Background: CEO Water Mandate



The CEO Water Mandate

- UN Global Compact commitment platform for water
- Launched in 2007 by UN Secretary General, Ban Ki-moon
- Now endorsed by over 160 companies



DIRECT OPERATIONS



**SUPPLY CHAIN
AND WATERSHEDS**



COLLECTIVE ACTION



**PUBLIC
POLICY**



**COMMUNITY
ENGAGEMENT**



**TRANSPARENCY AND
DISCLOSURE**

CEO Water Mandate Action Platform Participants



Part 1: Achieving Water Security Through Corporate Water Stewardship

Water Security Definition

“Water security is defined here as the capacity of a population to safeguard sustainable access to adequate quantities of acceptable quality water for sustaining livelihoods, human well-being, and socio-economic development, for ensuring protection against water-borne pollution and water-related disasters, and for preserving ecosystems in a climate of peace and political stability”

UN-Water, analytical brief “Water Security & the Global Water Agenda,” 2013

Water Stewardship as Response Strategy

Water Stewardship is...



“...the use of water that is socially equitable, environmentally sustainable, and economically beneficial, achieved through a stakeholder-inclusive process that involves site- and catchment-based actions.”

Water Stewardship Progression



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Part 2: Water Stewardship Emerging Practice

Water Security is Embedded in the UN's Sustainable Development Goals



6.1 safe and affordable drinking water

6.3 water quality and pollution prevention

6.5 integrated water resources management

6.a cooperation and capacity-building

6.2 sanitation and hygiene

6.4 efficiency and sustainable withdrawals

6.6 water-related ecosystems

6.b participation of local communities

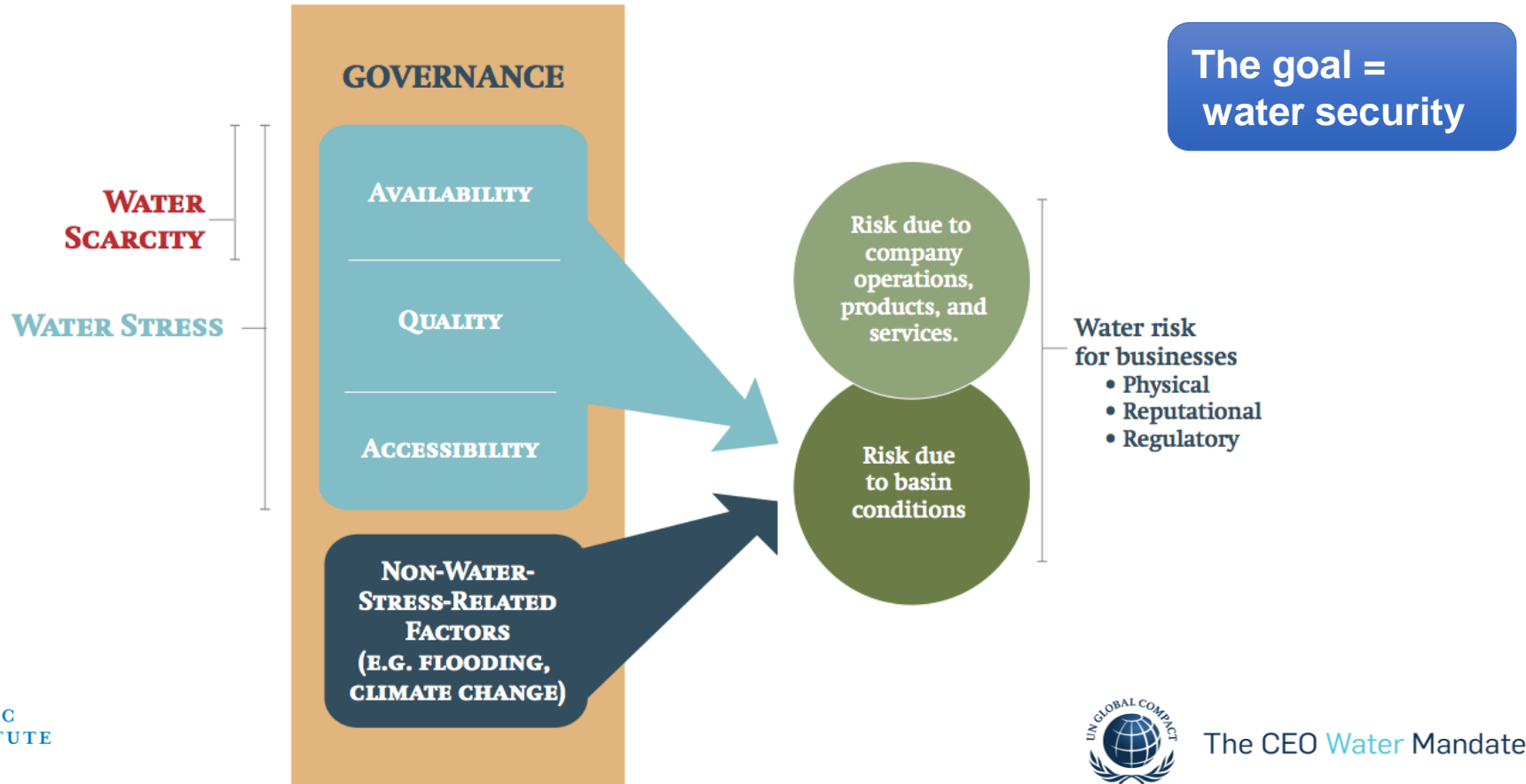
CEO Water Mandate's Water Action Hub: Aligning Stewardship Collective Action to SDGs



SUSTAINABLE DEVELOPMENT GOALS

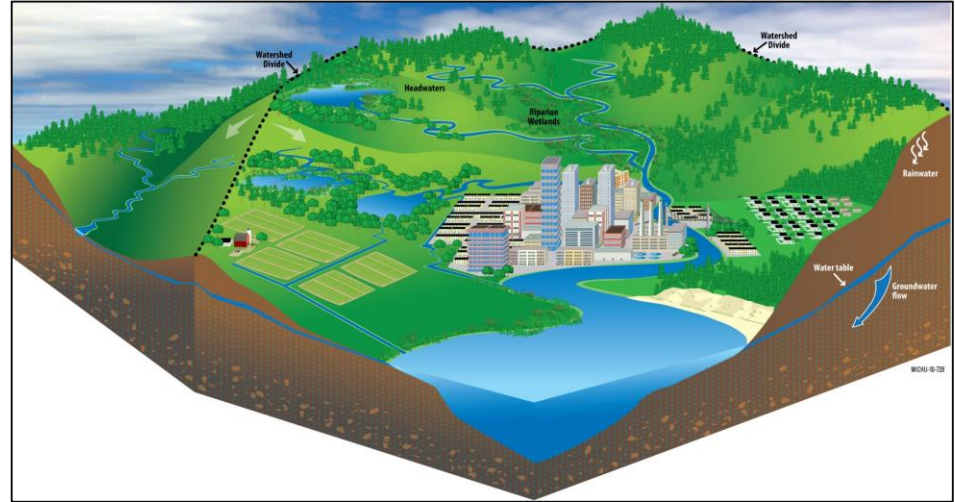


Stewardship Addresses SDG6 and Water Security (in Context)



Framework for Contextual Water Target Setting

- Companies need a reliable supply of water resources.
- Water issues are primarily local— each catchment has an unique characteristics.
- Risks to site level access to water manifest at the catchment-level.



Water targets need to reflect operating conditions at catchment level to: (1) reduce risk, (2) realise new opportunities, (3) contribute to overall water security & sustainability

Nature-Based Solutions: Increasing Interest and Action

**Landscape
restoration &
management**

**Wetlands for
water
treatment**

**Watershed
balancing /
replenishment**

**Regenerative
agriculture**

Water Funds

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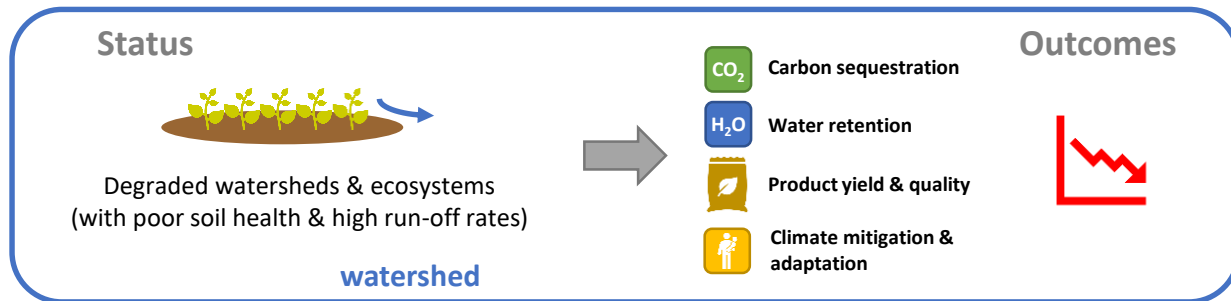
The Nature
Conservancy 



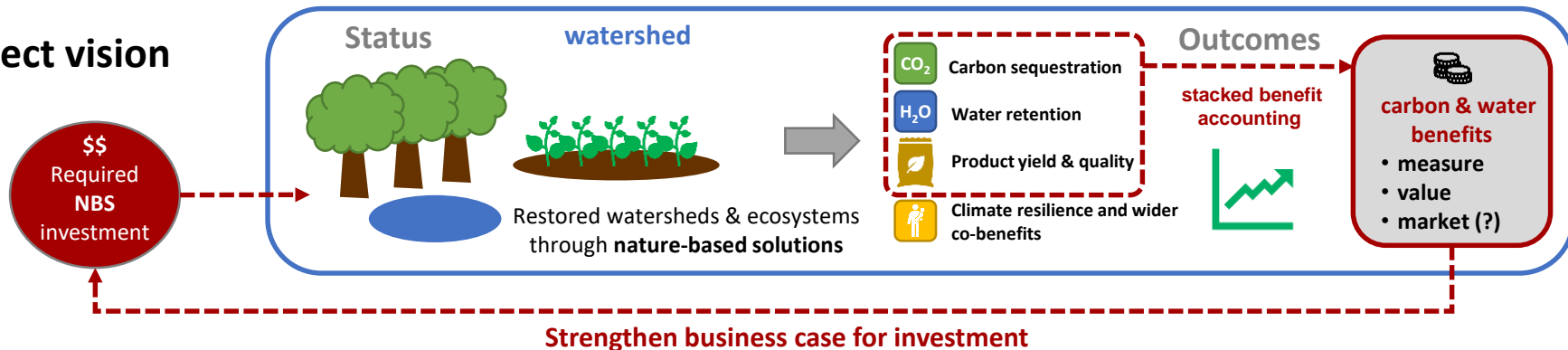
**Gold
Standard**
Climate Resilient & Sustainable Development

Scaling NBS: the concept

Current situation



Project vision



Part 3: Opportunities Presented by the Climate Adaptation Imperative

The urgent need for an integrated and inclusive approach...



Global Action – Signposts of Change



- COP25 Chile (the 'Blue COP')
- Nationally Determined Contributions
- Global Commission on Adaption
 - Action Track on Water

Barriers to Business Action

Barrier area	Description
Understanding	<ul style="list-style-type: none">• Do not recognise that future climate trends will differ from the past ones.• Uninformed about the potential business risks to value chain over various timescales.• Uncertain on how to price risk.
Planning	<ul style="list-style-type: none">• Difficulties in obtaining accurate and relevant climate information and data• Difficulties in dealing with high levels of uncertainty in climate projections in planning and decision-making.• Short term focus of planning.
Finance	<ul style="list-style-type: none">• Discouraged by perceived costs of making adjustments to business plans.• Not convinced in potential yields from adaptation investments.• Lack of awareness of solution options.

Sources: Global Commission on Adaptation; USAID (2017); Delphi 2014, ICMM 2013; Loechel 2012, Loechel *et al.* 2013; Maher & Peace 2015; Moran *et al.* 2015, Rodgers *et al.* 2014

Case Examples: Building Resilience

Direct operations



**Improving water efficiency
in manufacturing**

Healthy catchments



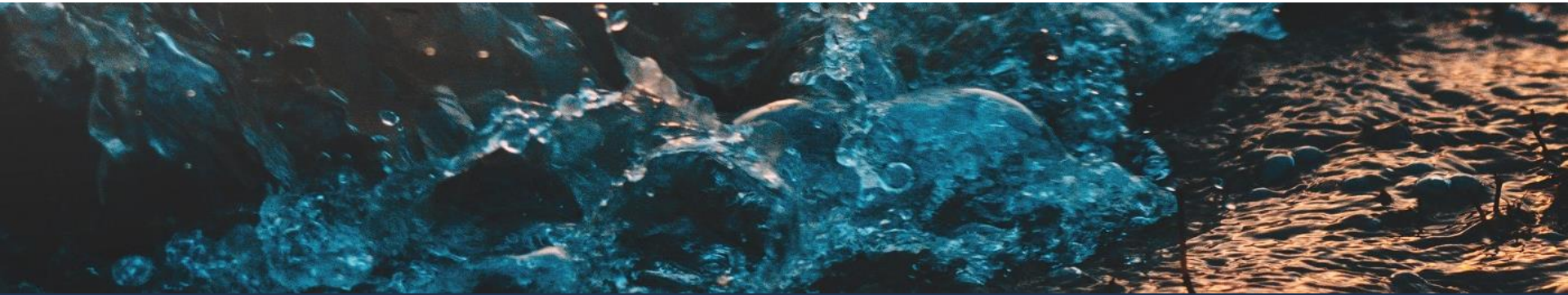
**Replenishing groundwater
through reforestation,
Mexico**

Supply chains



**Manos al Agua – Intelligent
Water Management, Colombia**

Thank you!



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