



# Freshwater

## Risk and Opportunity for Financial Institutions

Wissenschaft & Praxis für  
Grüne Finanzen  
Expertenkonferenz

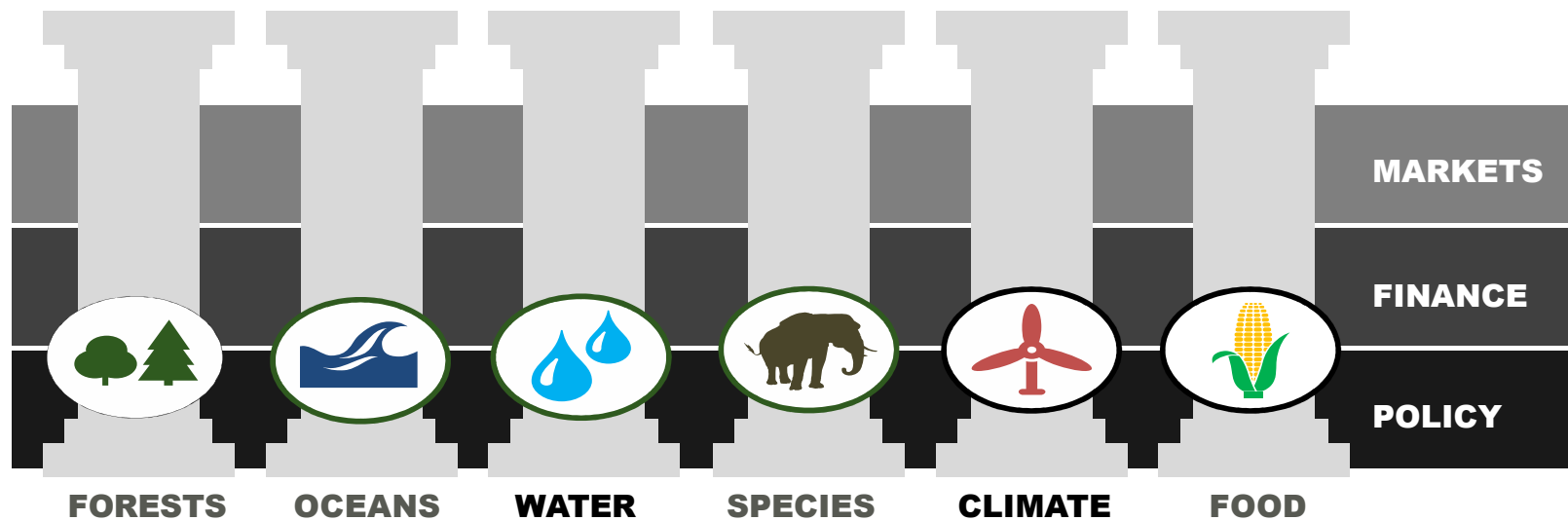
19. November 2018

Swiss Re, Centre for Global  
Dialogue, Zürich



# World Wide Fund for Nature

- World's largest conservation organization
- Active in > 100 countries
- > 5 Million supporters globally





# Studie: WWF / Umweltbundesamt

## Green Finance am Beispiel Süßwasser Umweltrisiken für Finanzinstitute steuerbar machen

- Hierbei sollen Wasserrisiken sowie Möglichkeiten zur Reduktion dieser Risiken in Kredit- und Anlageportfolios von Finanzinstituten in einem Dialogprozess mit Finanzinstituten, Politik und Zivilgesellschaft erarbeitet werden.
- Zu beantwortenden Fragen sind:
  - Wie sind Prozesse von Finanzdienstleistern durch Wasserrisiken betroffen?
  - Welche Regionen und Sektoren sind besonders betroffen?
  - Welche Informationen von Kunden sind notwendig?
  - Wie kann ein Finanzinstitut die Risiken bewerten?
- Das Ziel ist bei Entscheidern aus Finanzinstituten Bewusstsein für Wasserrisiken zu schaffen, die Öffentlichkeit zu informieren und regulatorische Prozesse anzustoßen.



PRODUCED IN  
COLLABORATION  
WITH

KFW DEG



# Water Risk Filter

ENGLISH ▼ LOG IN

EXPLORE

ASSESS

VALUE

RESPOND

Sample Results

- 35+ water risk layers from best available datasets
- High-resolution datasets for various countries (SA, BRA, ESP, etc.)
- 140 country profiles to understand water regulation
- Full library of water risk reports

[www.waterriskfilter.org](http://www.waterriskfilter.org)

## Explore

Global Results  
What you can do  
Country Profiles  
Reports & News

## Assess

Your Entries  
Results & Analysis

## Mitigate

Physical Risks  
Regulatory Risks  
Reputational Risks

## Information

FAQ  
What is...  
How to...  
About  
Further Readings



Search WRF





# The Water Risk Filter 5.0 - Assess



## Basin water risk



(i.e., the nature of your basin – contextual water status & other users)

## Operational water risk



(i.e., the nature of your business & your operational practices)

**Water risk exposure**



# The Water Risk Filter 5.0 - Explore



32 basin water risk data: physical, **regulatory** and **reputational**



POTSDAM INSTITUTE FOR CLIMATE IMPACT RESEARCH





# The Water Risk Filter 5.0 - Explore



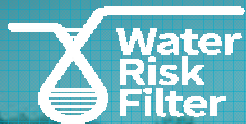
...high resolution data sets to better understand local context



## Coming Live: Respond Section

- Link risk assessment results to provide customized set of mitigation response actions
- Link to water stewardship frameworks, including AWS, Ceres Aqua Gauge, CDP Water Security, CEO Water Mandate





## Coming Live: Value Section

- New valuation tool to explore how a portfolio's water risk exposure may potentially affect financial value
- In collaboration with Water Foundry & powered by CDP data



# WWF Germany Sustainable Finance

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