Understanding Corporate Water Stewardship

Jay Sherman, WWF-US

+100

WWF is present in more than 100 countries on 5 continents

1961

WWF was founded In 1961

#8 and #2

Among all brands, WWF is the 8th most trusted in the US and the 2nd in Europe

+5,000,000

WWF has more than 5 million supporters

WWF's mission is to build a future in which humans live in harmony with nature.

WWF US Freshwater Goal

Sustainable infrastructure: Flow regimes and connectivity maintained or restored in major basins

Water smart agriculture: Supporting a more coherent approach to water stewardship in agriculture of major basins that helps secure essential water for the environment and community access

Transparent & resilient water management: operationalized in major basins

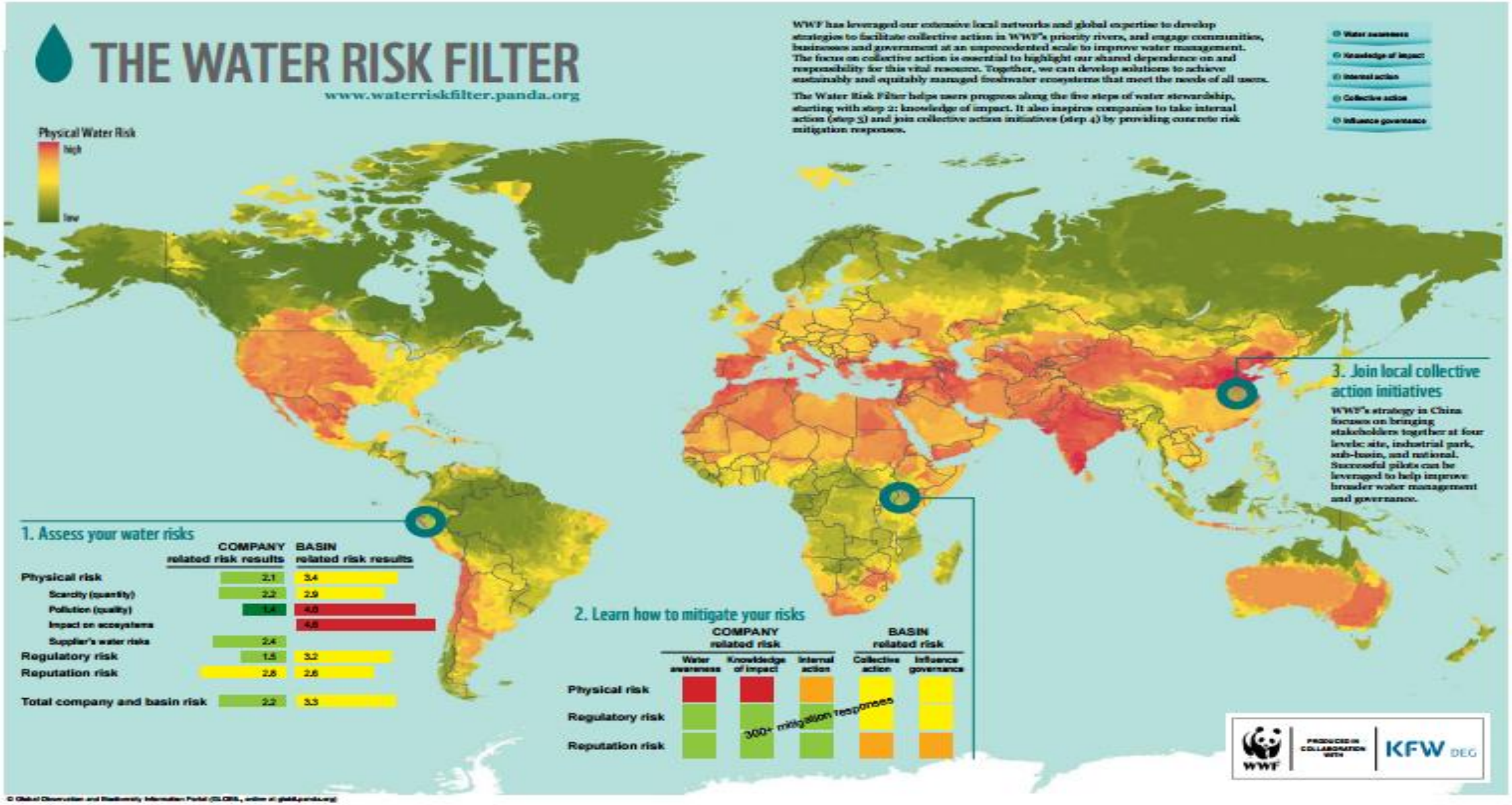

WWF
60% of companies say water will affect business growth and profitability within five years

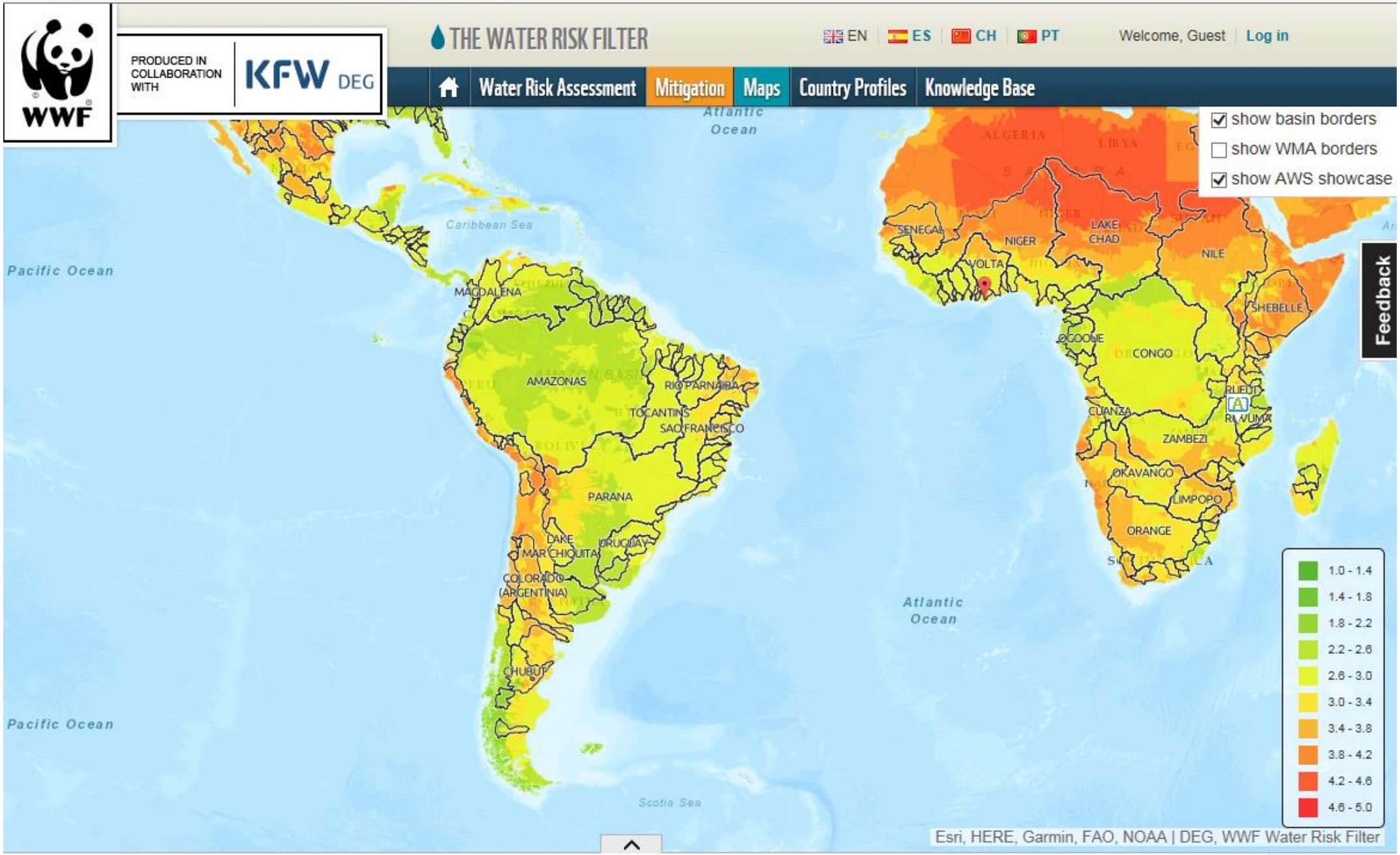

Facts
Size 1 Bottle
Per Serving
Calories 100
% Daily Value*
Total Fat 0g 0%
Sodium 35mg 1%
Total Carb. 28g 9%
Sugars 28g
Protein 0g
RBONATED WATER, HIGH FRUCTOSE CORN SYRUP, CARAMEL COLOR,
OSPHORIC ACID, NATURAL
FFEINE CONTENT: 24 mg/8.5 fl oz
A CRV
©2016 THE COCA-COLA COMPANY
CONSUMER INFO 1-800-438-2653
NY-MA-OR-ME-5¢ MI 10¢ HI-IA-VT-CT 5¢
www.coke.com

Coca-Cola 2020 Sustainability Commitments

WORLD Protecting the Environment	**Water**	Safely return to communities and nature an amount of water equivalent to what we use in our finished beverages and their production.**	115% (191.9 B liters) of the water used in our finished beverages (based on 2015 sales volume).
		Improve water efficiency in manufacturing operations by 25% compared with a 2010 baseline. (liters of water used per liter of product produced by the Coca-Cola system; % improvement since 2010)	1.98; 12%
	Packaging	Work with our partners to recover and recycle the equivalent of 75% of the bottles and cans we introduce into developed markets. (estimate percent progress)	59%
	Climate	Reduce the carbon footprint of "the drink in your hand" by 25% (estimate progress compared with a 2010 baseline).	13%
	Agriculture	Sustainably source our key agricultural ingredients.	More than 95% of Coca-Cola's globally sourced coffee and tea and an estimated 54% of our lemon supply meets Company-approved sustainable sourcing guidelines. Coca-Cola is contracted to purchase over 1 million tons of more sustainably sourced sugar in 2016.

Take the right actions . . . in the right places




THE WATER RISK FILTER
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Water Risk Assessment
Mitigation
Maps
Country Profiles
Knowledge Base
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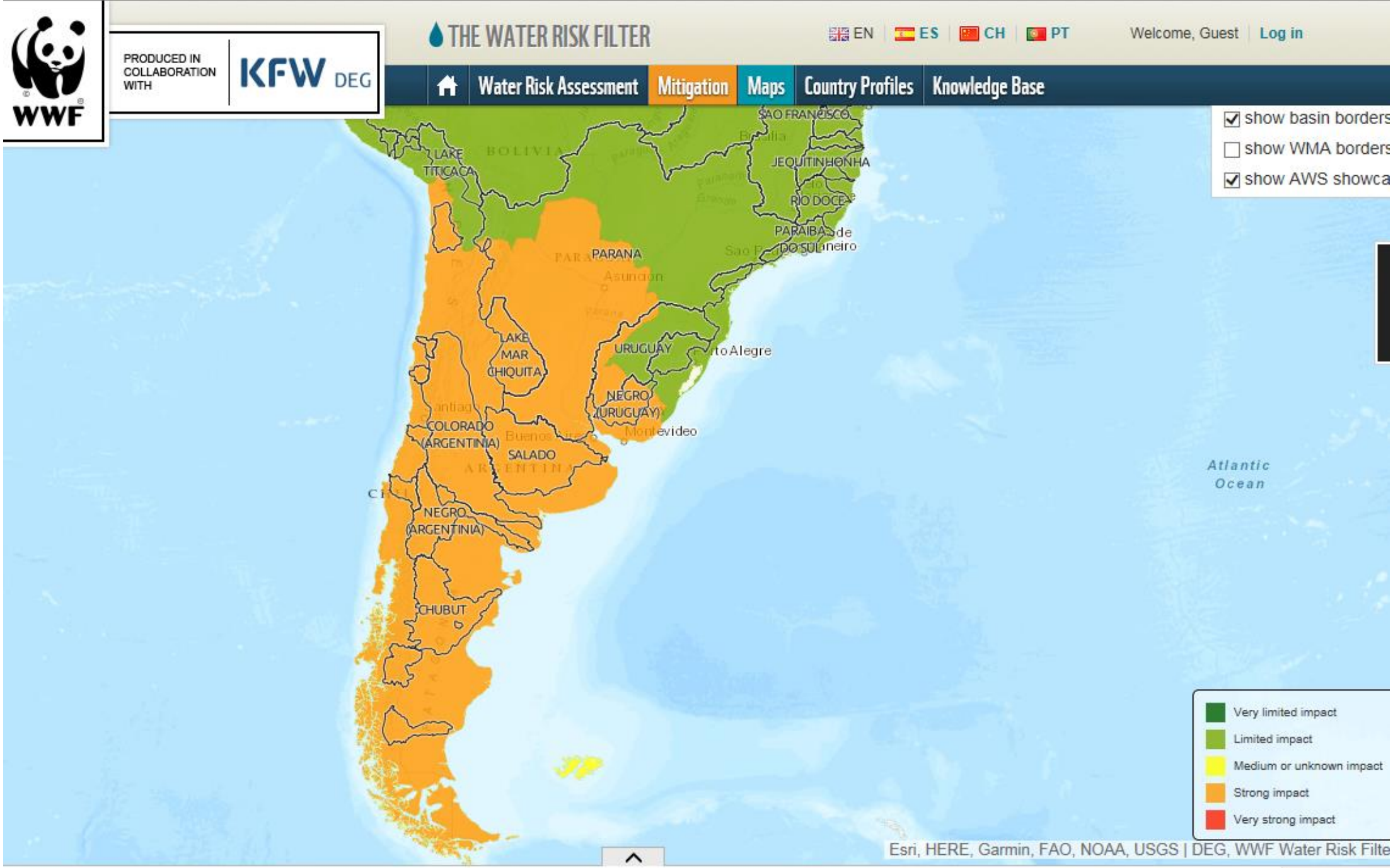
show AWS showcase
Feedback
Atlantic Ocean
Caribbean Sea
Pacific Ocean
Pacific Ocean
Atlantic Ocean
Scotia Sea
SENEGAL
NIGER
VOLTA
LAKE CHAD
NILE
SHEBELLE
OGOOUE
CONGO
CUANZA
RUVUMA
ZAMBEZI
OKAVANGO
LIMPOPO
ORANGE
MAGDALENA
AMAZONAS
RIO PARNAIBA
TOCANTINS
SAO FRANCISCO
PARANA
LAKE MAR CHIQUITA
URUGUAY
COLORADO (ARGENTINIA)
CHUBUT
1.0 - 1.4
1.4 - 1.8
1.8 - 2.2
2.2 - 2.6
2.6 - 3.0
3.0 - 3.4
3.4 - 3.8
3.8 - 4.2
4.2 - 4.6
4.6 - 5.0
Esri, HERE, Garmin, FAO, NOAA | DEG, WWF Water Risk Filter
r: All facilities
Map region: Global
Map layer: Overall water risk
Choose an industry
Download
s map do not necessarily represent views of WWF.
Website disclaimer
WWF privacy policy

The Water Risk Filter produces four types of automatically generated reports in PDF format covering all relevant items of the risk assessment. Theser reports are directly generated from the 'Water Risk Assessment' and Portfolio results section

- The 'Portfolio results' report contains high level risk results of all assessed facilities of your company or client, and provides insights on the exposure to water risks on a portfolio level. Risk scores are represented in a risk matrix and in a list. Select 'Portfolio results' -> Select and filter relevant facilities/commodities to include -> Download -> PDF
- The 'Water Risk Assessment' reprot contains all the information of that specific facility's risk assessment. The heat map and all underlying individual risk indicators are presented in the report. Select 'Water Risk Assessment' -> Select relevant facility on the left -> Download -> PDF
- The 'Visualisation' report contains specific information of the portfolio or selected/filtered facility's risk assessments. A selected data visualisation type is presented in the report. The whole or selected risk assessment information is being presented. Select 'Analysis' -> Select and filter relevant facility on the left -> Download -> PDF
- We have worked together with the Carbon Disclosure Project (CDP) to ensure you have a head start in filling in the next CDP questionnaire. We provide all the information that is available for your company on a portfolio level in the same structure as the CDP Water Initiative questionnaire. . This report is provided in the Excel results download (Download => Excel (including CDP 2016), so answers can be copy-pasted into the CDP questionnaire, providing you the opportunity to amend your answers.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show AWS showca
BOLIVIA
LAKE TITICACA
SAO FRANCISCO
JEQUITINHONHA
RIO DOCE
PARAIBA DO SUL
PARANA
Asuncion
LAKE MAR CHIQUITA
URUGUAY
NEGRO (URUGUAY)
COLORADO (ARGENTINA)
SALADO
NEGRO (ARGENTINA)
CHUBUT
Montevideo
Atlantic Ocean
Very limited impact
Limited impact
Medium or unknown impact
Strong impact
Very strong impact
Esri, HERE, Garmin, FAO, NOAA, USGS | DEG, WWF Water Risk Filte
All facilities
Map region: Global
Map layer: 5. Impact Climate change
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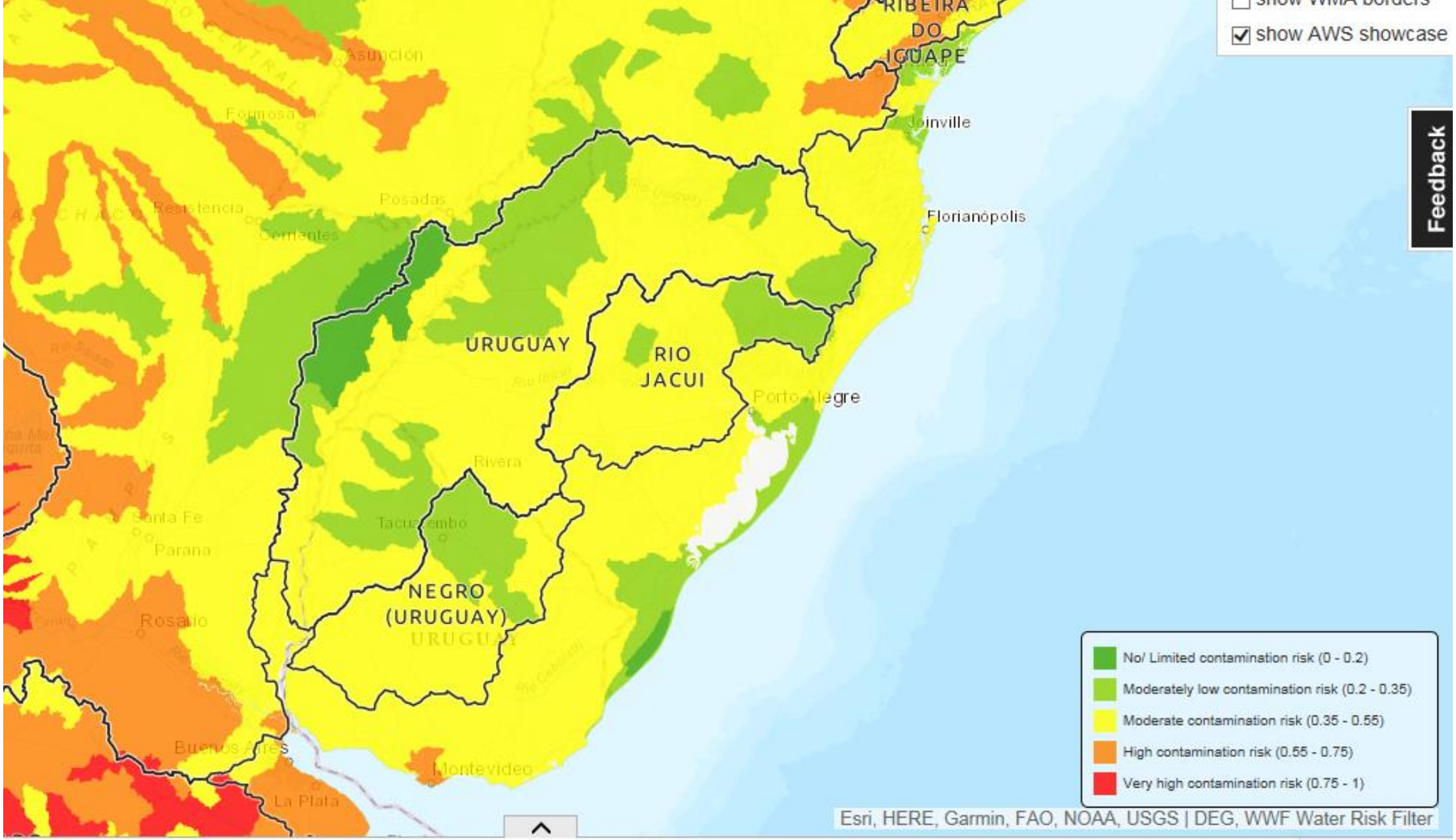
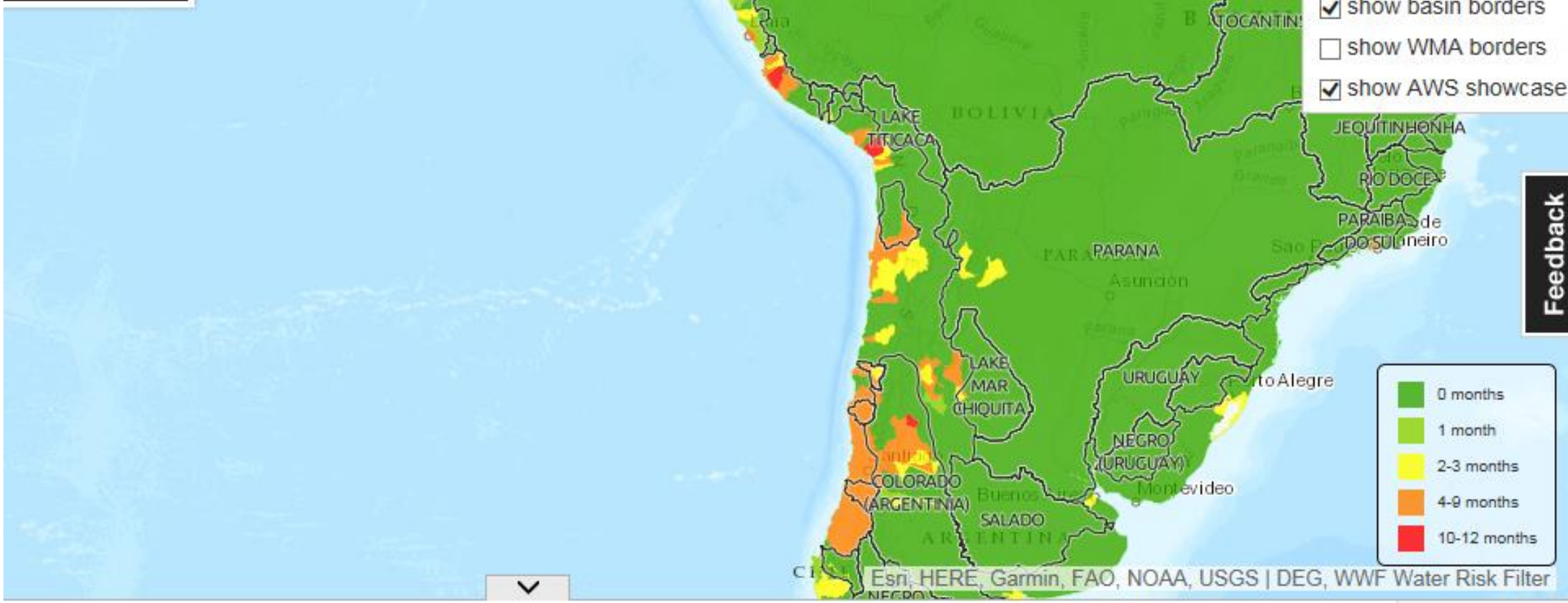


Feedback

Map region: Global ▾ Map layer: 8. Water Pollution ▾

Download ▾



Feedback

Map region: Global ▾ Map layer: 2. Number of months with severe scarcity (WaterGap3)

Download ▾

"The depletion metric is based on the ratio of consumptive use to renewable available water. Water depletion categories on even divisions of consumption-to-availability, with an additional distinction for watersheds less than 5% depleted to account for the large number of watersheds at very low depletion levels and a threshold of 75% based on a natural division were identified in the data. Identified categories allow to integrate inter- and intra-annual variation with average annual variation into a single scale, the simplicity of which is important for decision-makers. "

Source: Brauman, KA, BD Richter, S Postel, M Malby, M Flörke. (2016) "Water Depletion: An improved metric for incorporating seasonal and dry-year water scarcity into water risk assessments." Elementa: Science of the Anthropocene.

Link: http://www.earthstat.org/

Orinoco Report Card 2016

University of Maryland
CENTER FOR ENVIRONMENTAL SCIENCE

INSTITUTO HUMBOLDT COLOMBIA

fundación omacha

WWF

Indicators of Basin Health


Basin Report Cards
Health & Nutrition
Management & Governance
Economic
Social & Cultural
Water Quality & Quantity
Ecological


Coca-Cola
IB28511275C
TWENTY DOLLARS

UNDERLYING CATCHMENT CHALLENGES & THEIR BUSINESS IMPACTS

SITE

WATERSHED

Scarcity

Quality

Ecosystem health

Social Equity

DIRECT OPERATIONS

SUPPLY CHAIN

Physical Risk

Reputational Risk

Regulatory Risk

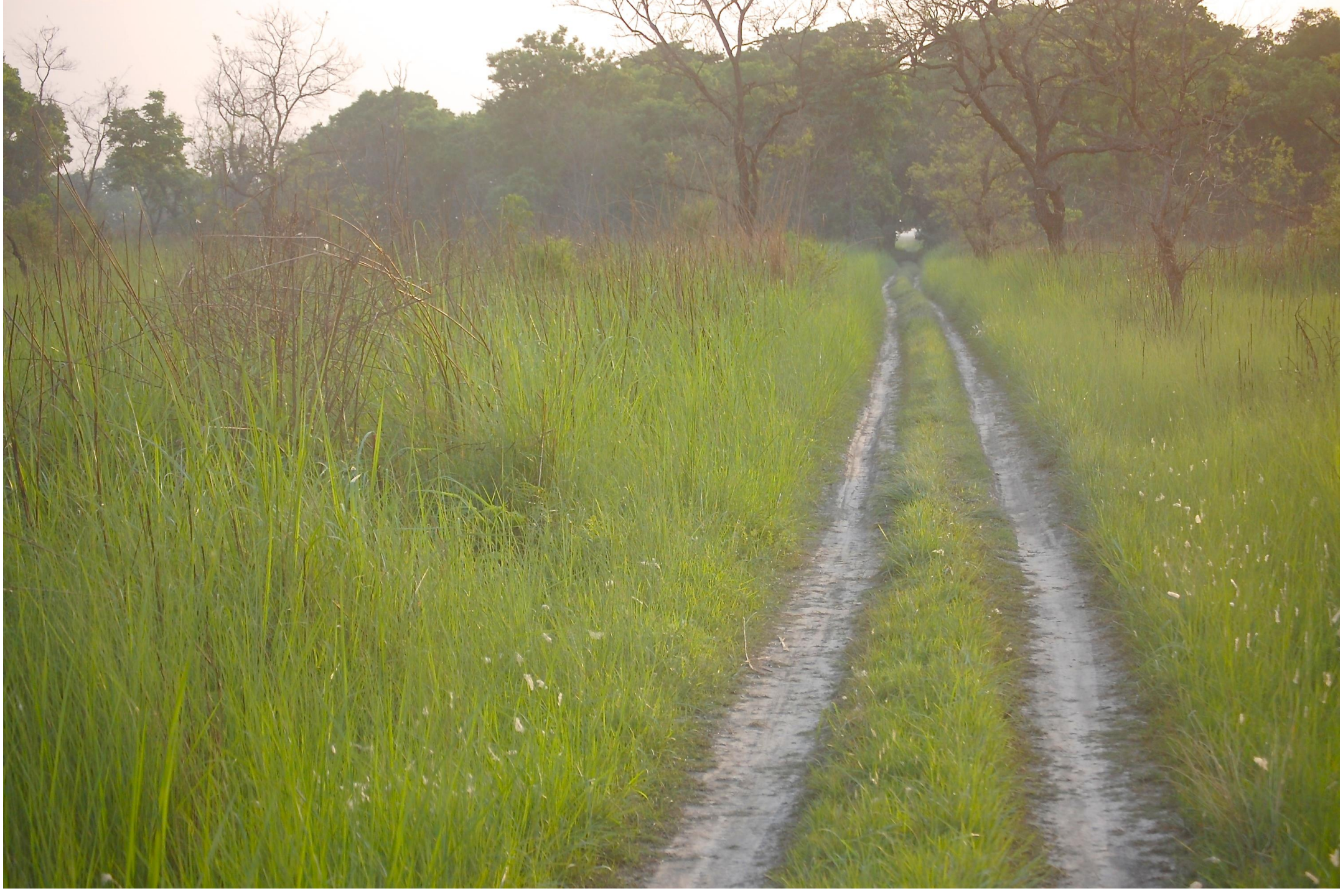
Financial Risk

Cost/time savings

Improved productivity

Competitive advantage

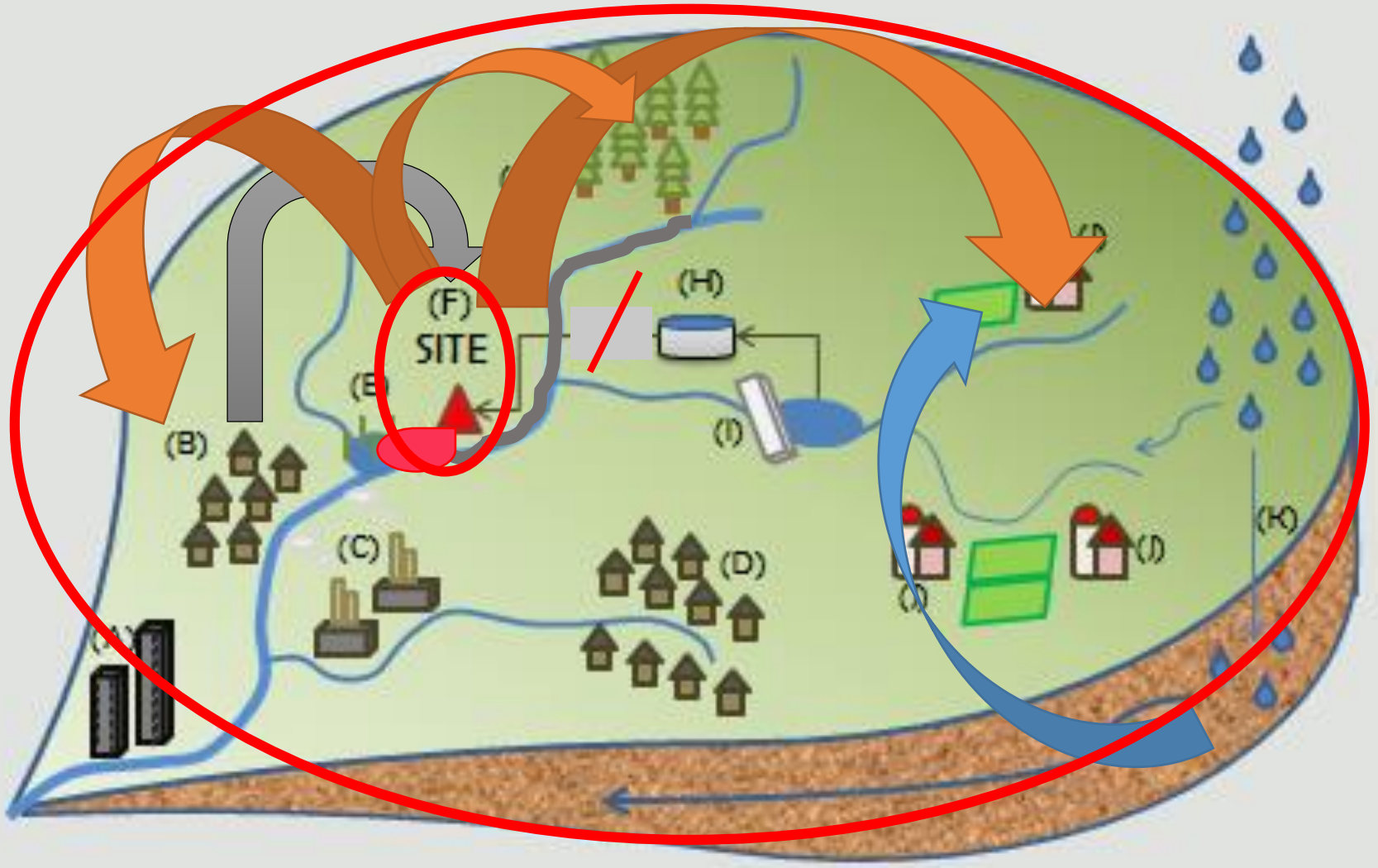
Decreased liabilities



WATER STEWARDSHIP DEFINITION

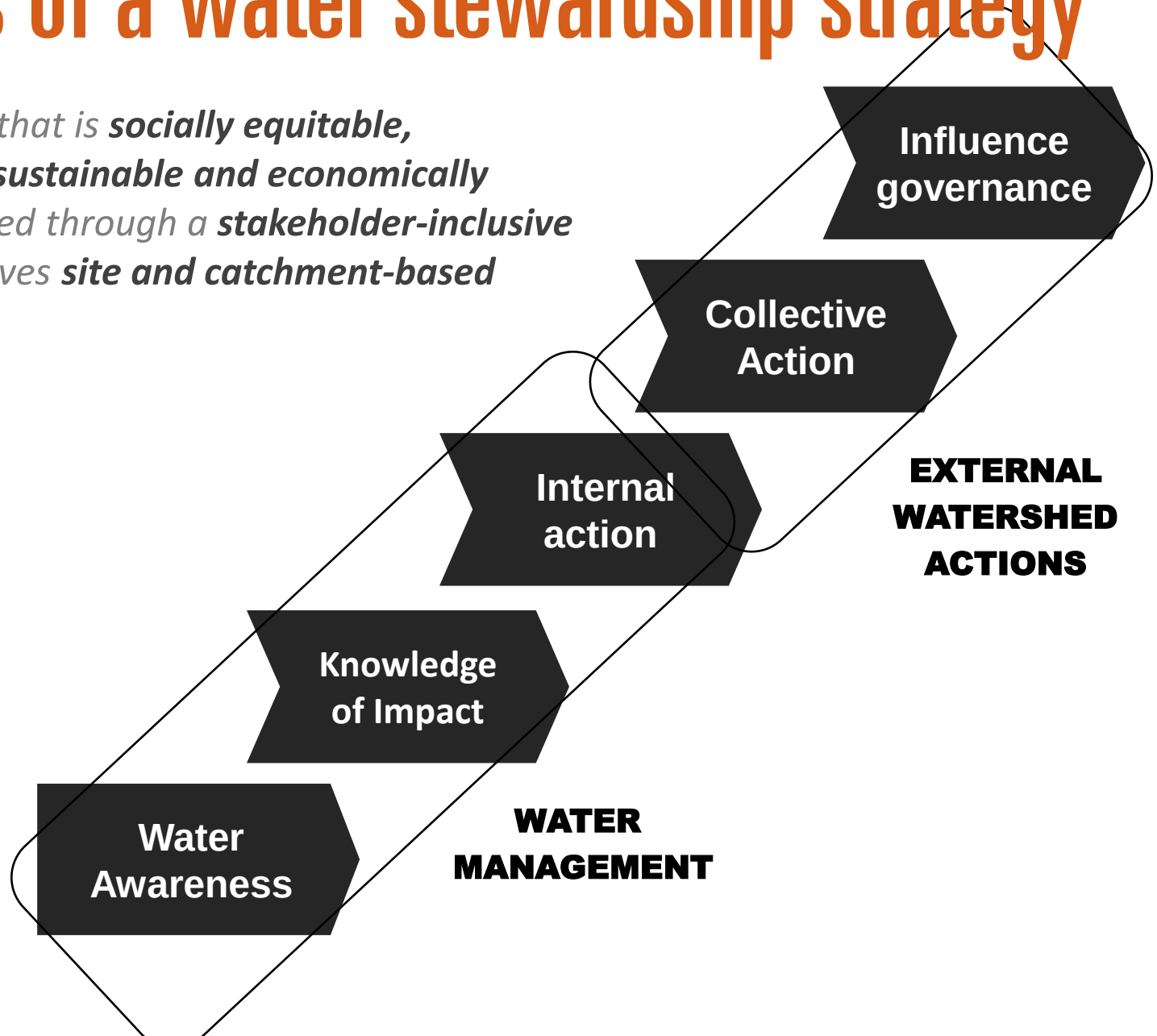
"The use of water that is socially equitable, environmentally sustainable and economically beneficial, achieved through a stakeholder-inclusive process that involves **site** *and* **catchment-based actions**."

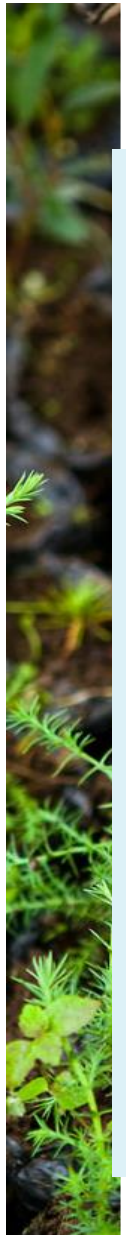
STEWARDSHIP

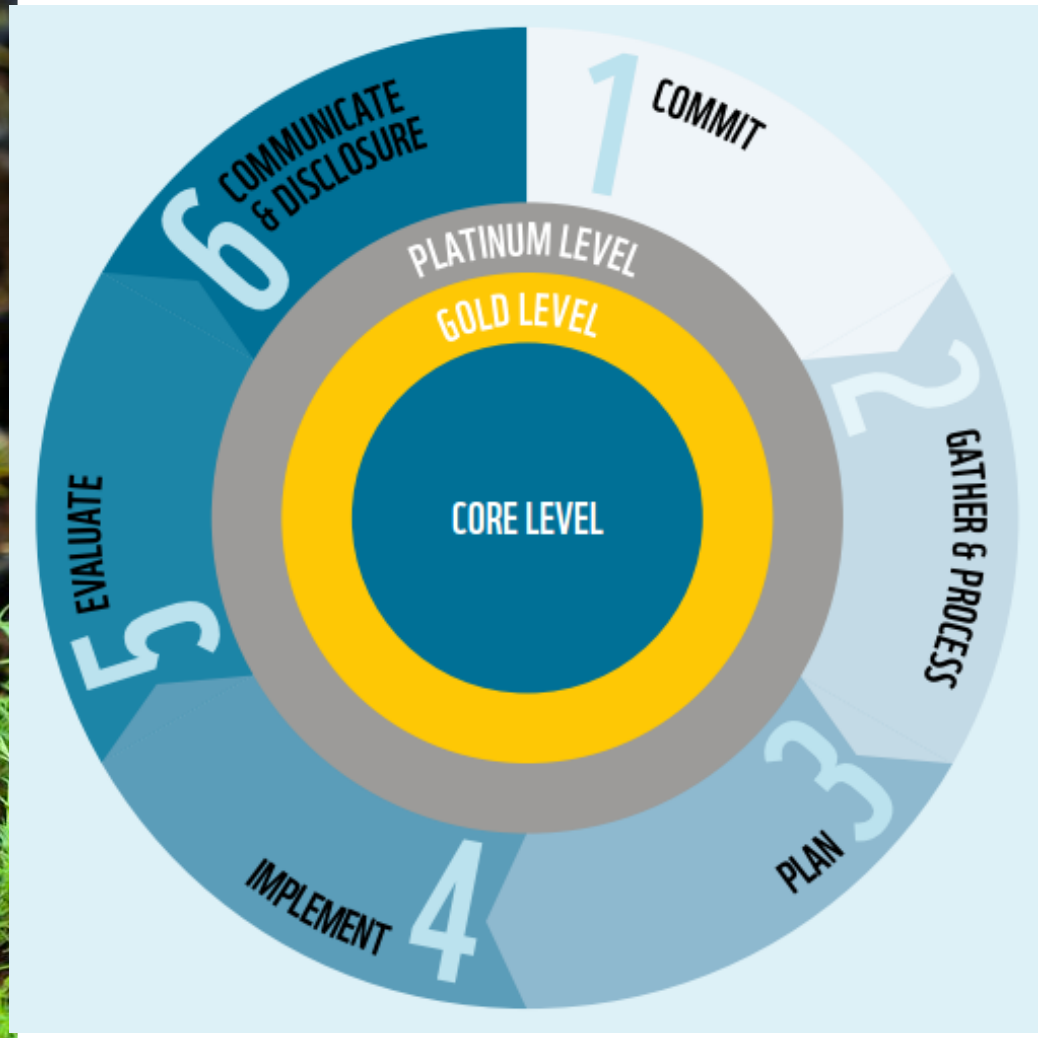


Elements of a water stewardship strategy

*" . . .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** . . ."*

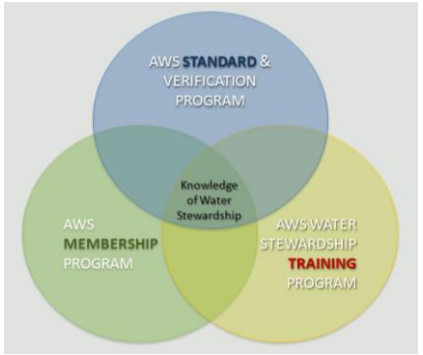






Four Key Outcomes

1. Good water governance
2. Sustainable water balance
3. Good water quality status
4. Healthy important water-related areas



Welcome to The Coca-Cola Company/WWF Water Efficiency Tool Box

This CD-ROM is your one-stop tool box for water efficiency within your plant. You will be able to easily access or calculate your water-use ratio (WUR) and access tools to help you improve your plant's water efficiency.

By using this tool box, you can clearly see how your plant's water efficiency compares to others in your country, division, operating group, and peer group (similar plants throughout the system).

This tool will help you quickly find the appropriate tools to reduce your water use and save money - there are many ideas to consider when addressing water minimization and we have designed this tool to help you focus on the ones that make the most sense for your plant, based on your current efficiency and product/package mix.

Next

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Three important tools for you to know about:

WASTE$mart
A basic training course on the methodologies of minimization
DOWNLOAD

Water Saver
A benchmarking and good practives tool to understand use & target critical minimization points
DOWNLOAD

Aquacheck
A 30-day, comprehensive assessment designed to maximize the efficiency of the system
LEARN MORE

Sort your water efficiency priorities:

Select priority
- Select priority
- greatest change to water-use ratio
- absolute water savings
- cost savings
- associated cost

See results

Plant

Water-Use ratio

4.14

- ✓ 5.47 country average
- ✓ 4.53 division average
- ✗ 2.60 company average
- ✗ 3.50 comparable plants
- ✗ 3.30 peer group
- 58 % population in this country without safe drinking water

CHOOSE ANOTHER PLANT

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Implement your source water protection plan to meet your 2020 goals.

Practices and Implementation Tools

for Water Stewardship

Find Practices for Your Plant:

by Risk/Vulnerability

OR by Goal

OR by Placement Text

OR by Keyword(s)

SEARCH

Advanced Search »

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13 CLIMATE ACTION
1 NO POVERTY
14 LIFE BELOW WATER
15 LIFE ON LAND
11 SUSTAINABLE CITIES AND COMMUNITIES
10 REDUCED INEQUALITIES
8 DECENT WORK AND ECONOMIC GROWTH
4 QUALITY EDUCATION
16 PEACE, JUSTICE AND STRONG INSTITUTIONS
3 GOOD HEALTH AND WELL-BEING
17 PARTNERSHIPS FOR THE GOALS
7 AFFORDABLE AND CLEAN ENERGY
6 CLEAN WATER AND SANITATION
5 GENDER EQUALITY
9 INDUSTRY, AND INFRA

WATER STEWARDSHIP ONLINE

IW: LEARN will host and manage a knowledge hub highlighting capacity-building material including case studies, tools (what and when to use them), initiatives and partnership-building resources for continued learning.

GET STARTED

What is Water Stewardship?

Why is it a journey?

What does the journey look like?

PRIORITIZE

What information on the:

- Watershed
- Company
- Site

Do you need in order to prioritize action?

GAIN SUPPORT

How do you make the case for water stewardship with these sectors?

- Private
- Public
- Civil

IMPLEMENT

How do you implement water stewardship at the:

- Site
- Watershed

PARTNER

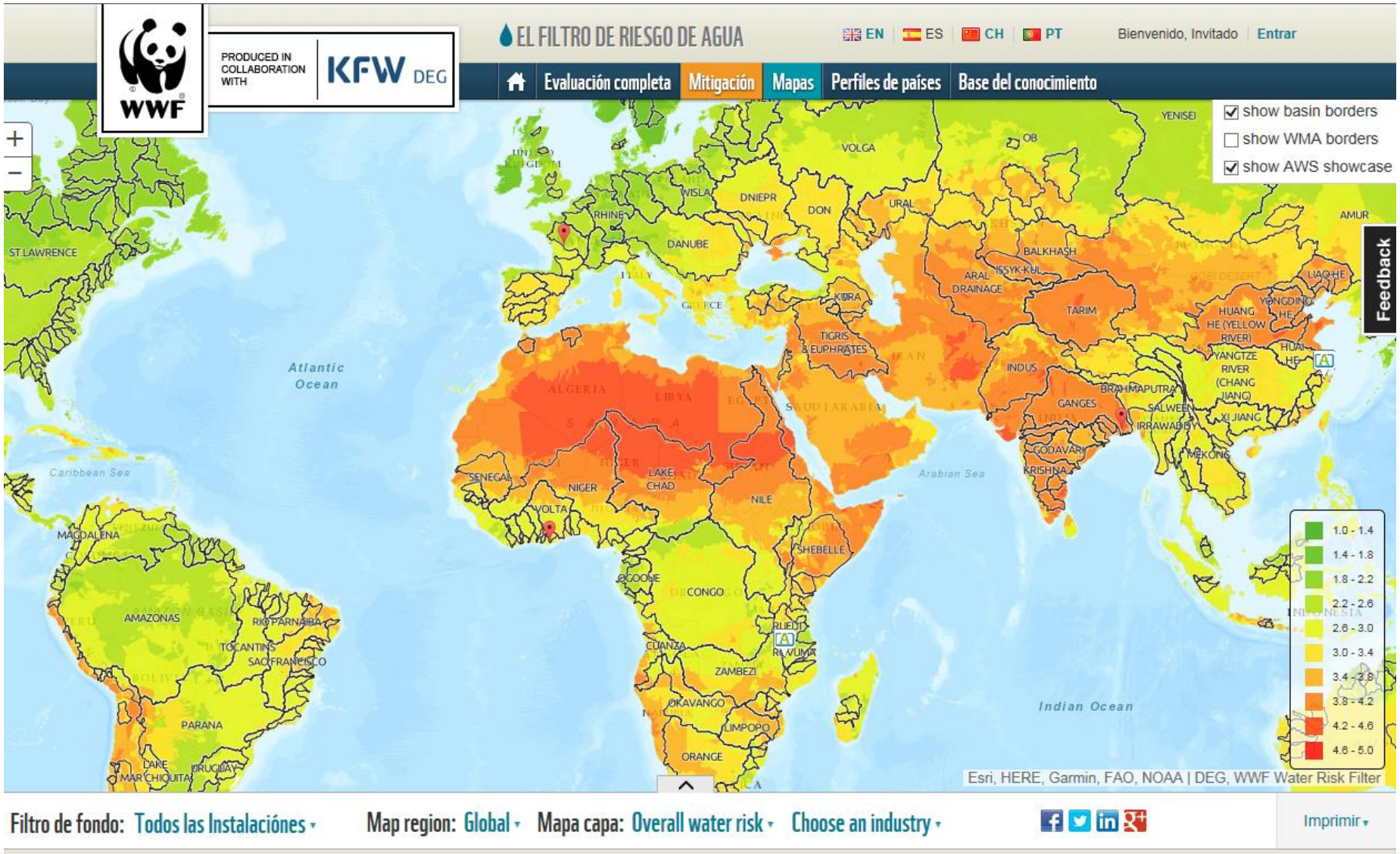
How do you initiate and manage partnerships for water stewardship with:

- Stakeholders
- Groups
- Platforms

DISCLOSE

How can you best communicate and disclose water stewardship progress?

Water Risk Webinar-December 6, 2017

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Building Partnerships
Lessons Learned
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Resources
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Partnerships achieve greater scale and impact.
Start building collaborations today.
http://wwfcocacolapartnership.com