



October, 2019

WWF Water Risk Filter

Explore, Assess, Value & Respond to Water Risks

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Overview of the Water Risk Filter



Online tool designed for companies and financial institutions

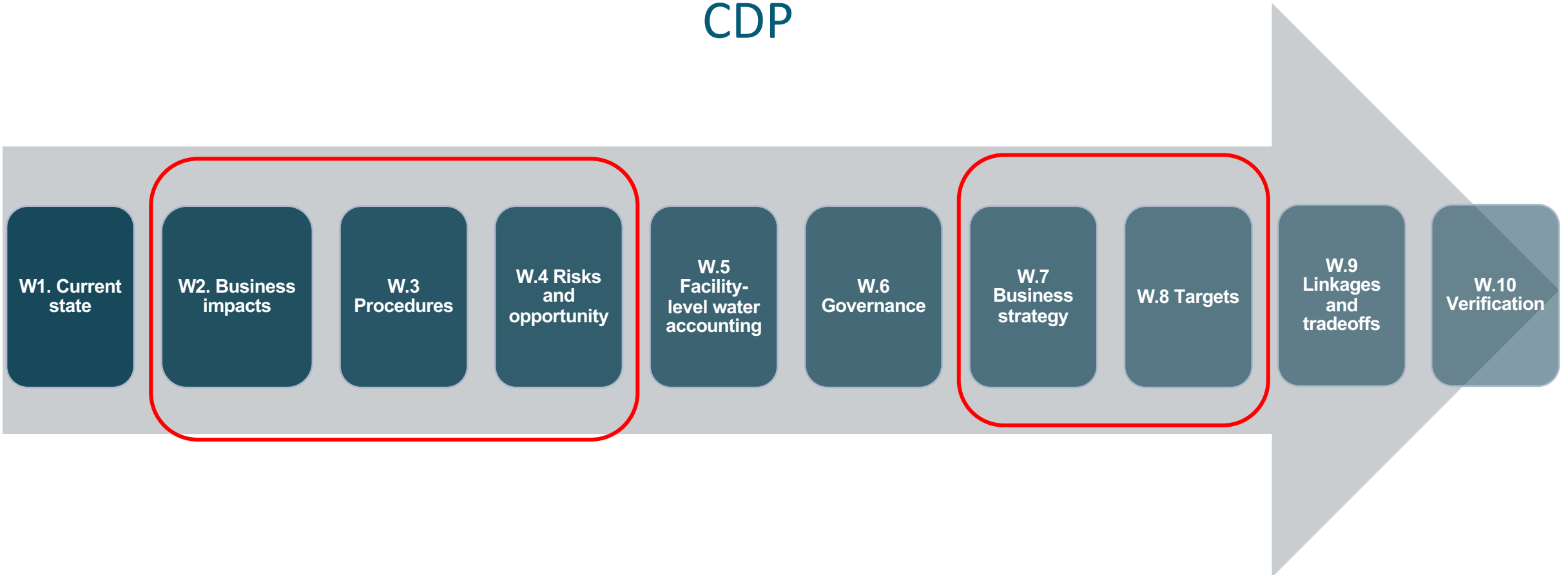
EXPLORE ASSESS RESPOND VALUE





CDP Water Security 2019 Questionnaire

How WWF Water Risk Filter can help with your water disclosure to CDP





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Water Risk Filter: Assess



Water Risk Filter – Reporting on risk assessment procedures in CDP

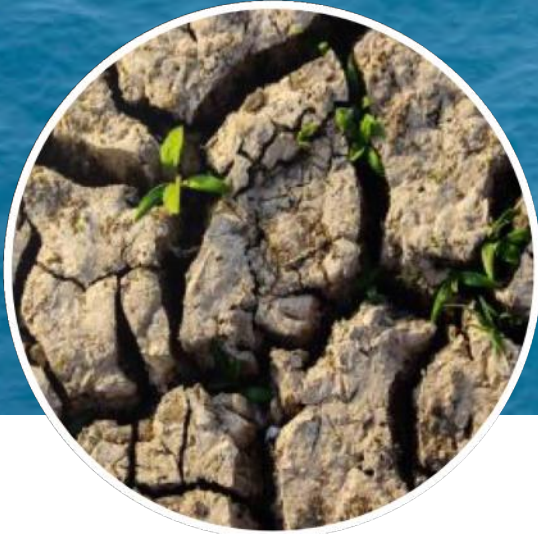
- Upcoming joint publication by WWF, WRI, WBCSD on our leading water tools
- Assess risks for both your direct operations and supply chain
- Water Risk Filter data is updated on annual basis

(W3.3a) Select the options that best describe your procedures for identifying and assessing water-related risks.

Value chain stage	Coverage	Risk assessment procedure	Frequency of assessment	How far into the future are risks considered?	Type of tools and methods used	Tools and methods used	Comment
Direct operations	Select from: <ul style="list-style-type: none">• Full• Partial• None	Select from: <ul style="list-style-type: none">• Response drop-down options below table	Select from: <ul style="list-style-type: none">• Six-monthly or more frequently• Annually• Every two years• Not defined	Select from: <ul style="list-style-type: none">• Up to 1 year• 1 to 3 years• 3 to 6 years• More than 6 years• Unknown	Select all that apply: <ul style="list-style-type: none">• Tools on the market• Enterprise Risk Management• International methodologies• Databases• Other	Select all that apply: <ul style="list-style-type: none">• Response drop-down options below table	Text field [maximum 1,500 characters]
Supply chain							
Other stages of the value chain							



The Water Risk Filter: Risk Assessment Framework



Basin

Physical risk

Regulatory risk

Reputational risk



**WATER
RISK
EXPOSURE**



Operational

Physical risk

Regulatory risk

Reputational risk



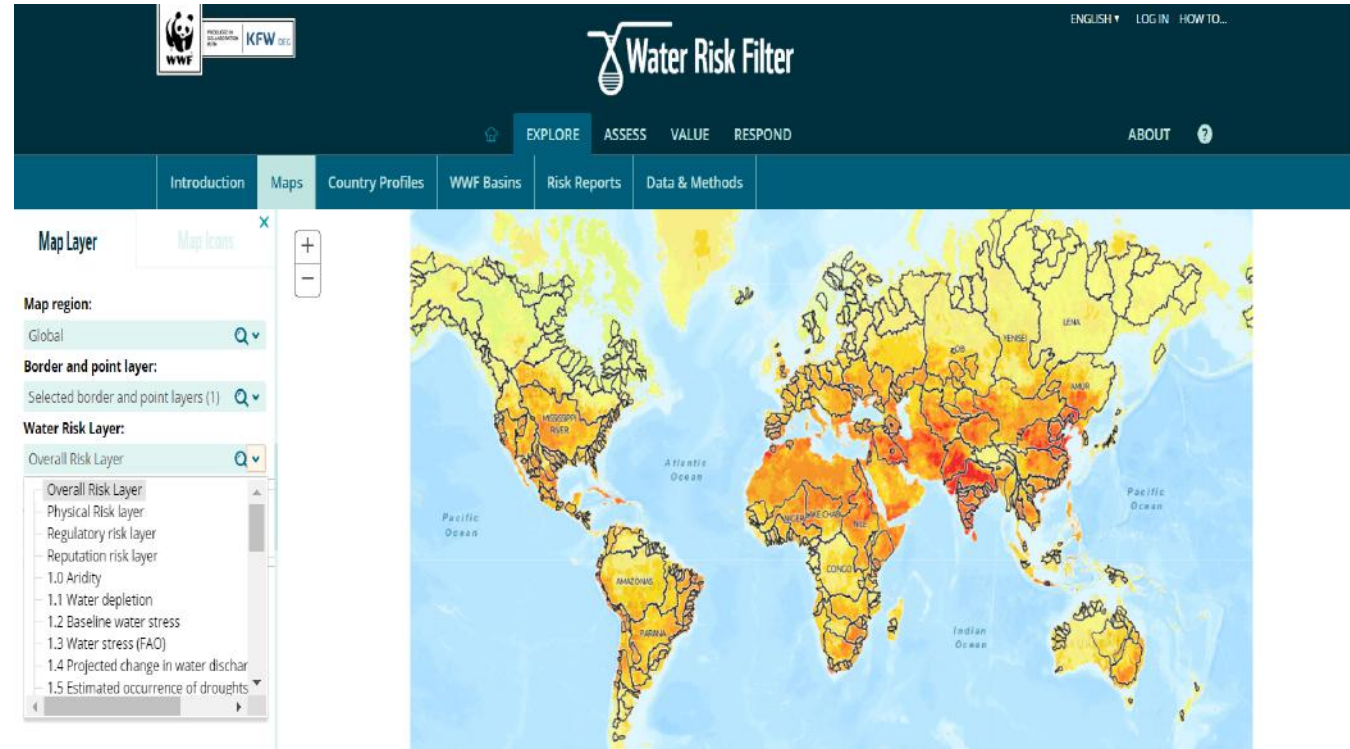
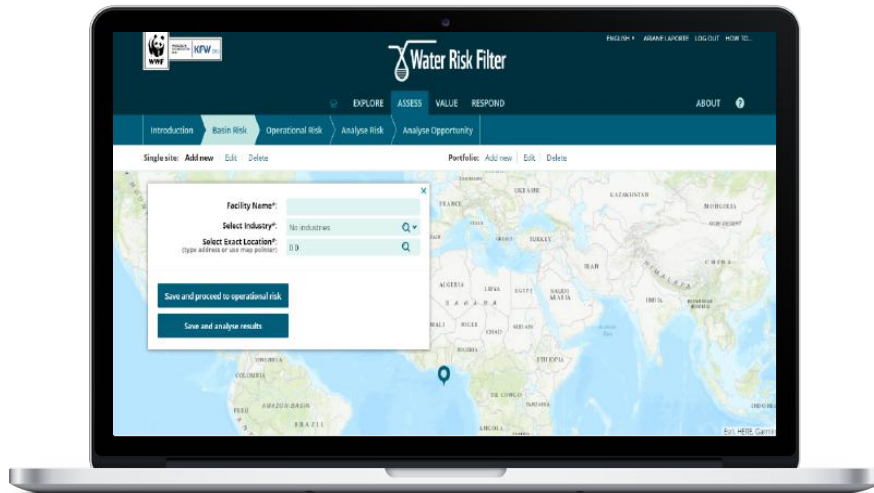
(i.e., the nature of your business & your operational practices)



Water Risk Filter: Assess – input data



1 Input location of site



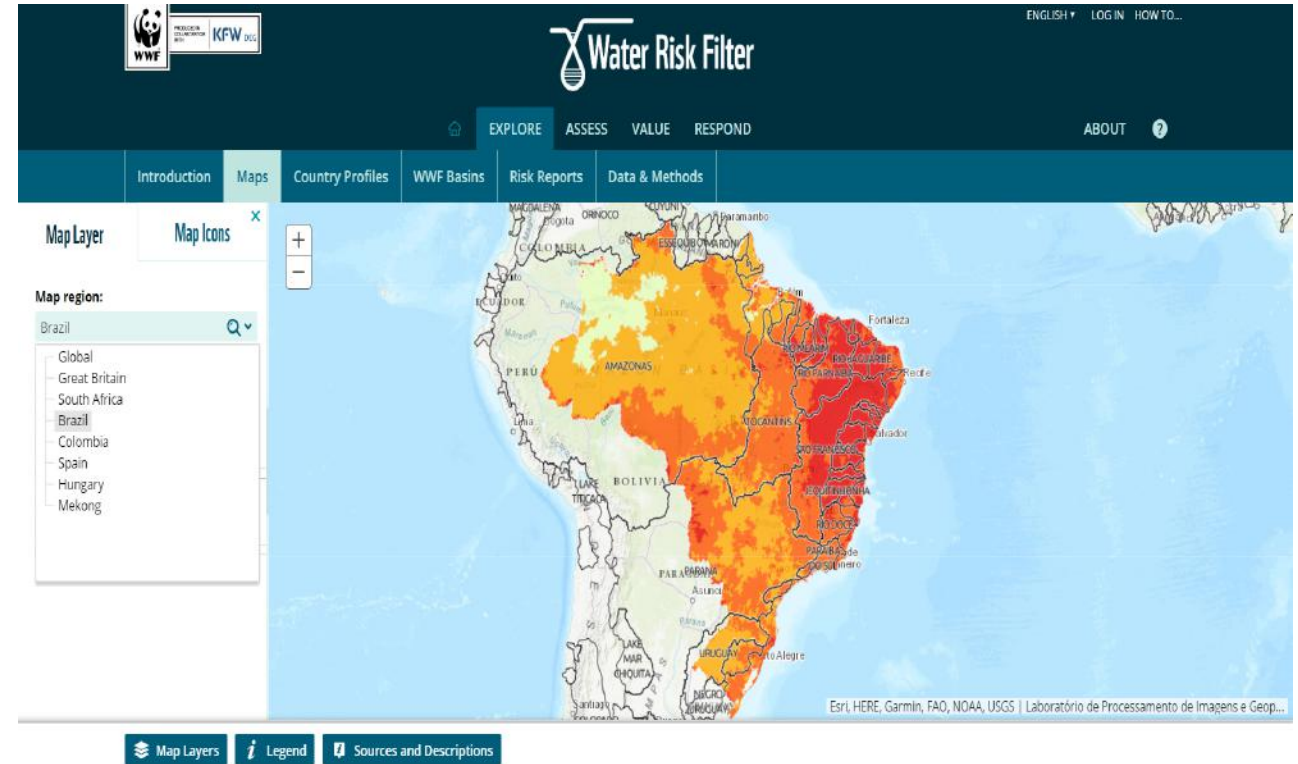
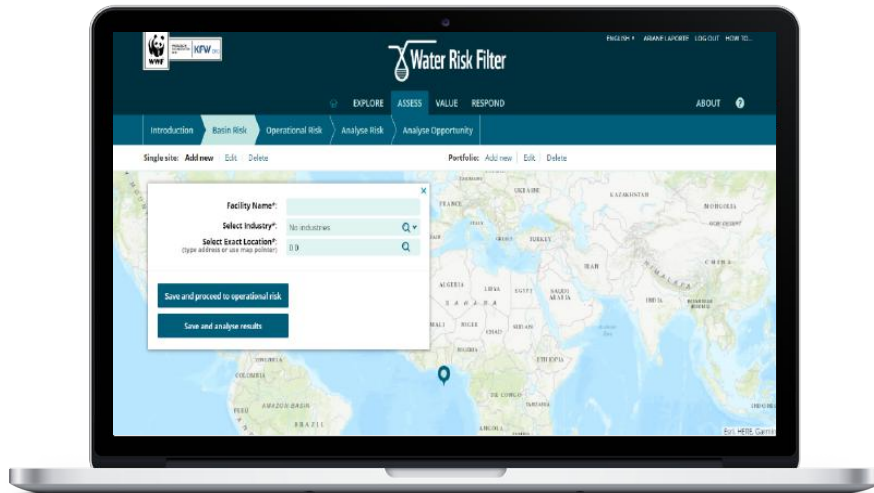
Automatically assesses basin risk exposure



Water Risk Filter: Assess – input data



1 Input location of site

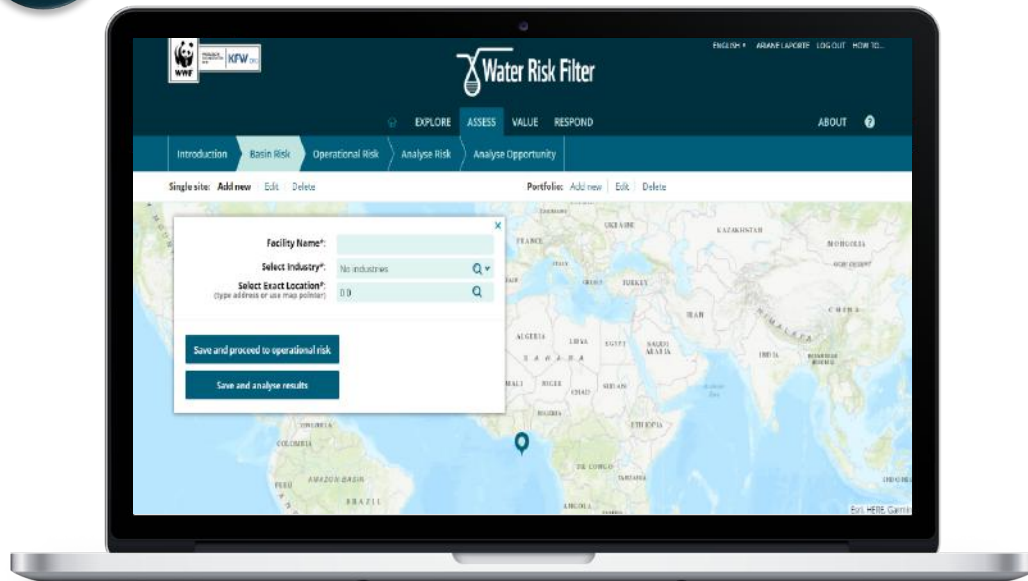


From global data sets to local high resolution data sets

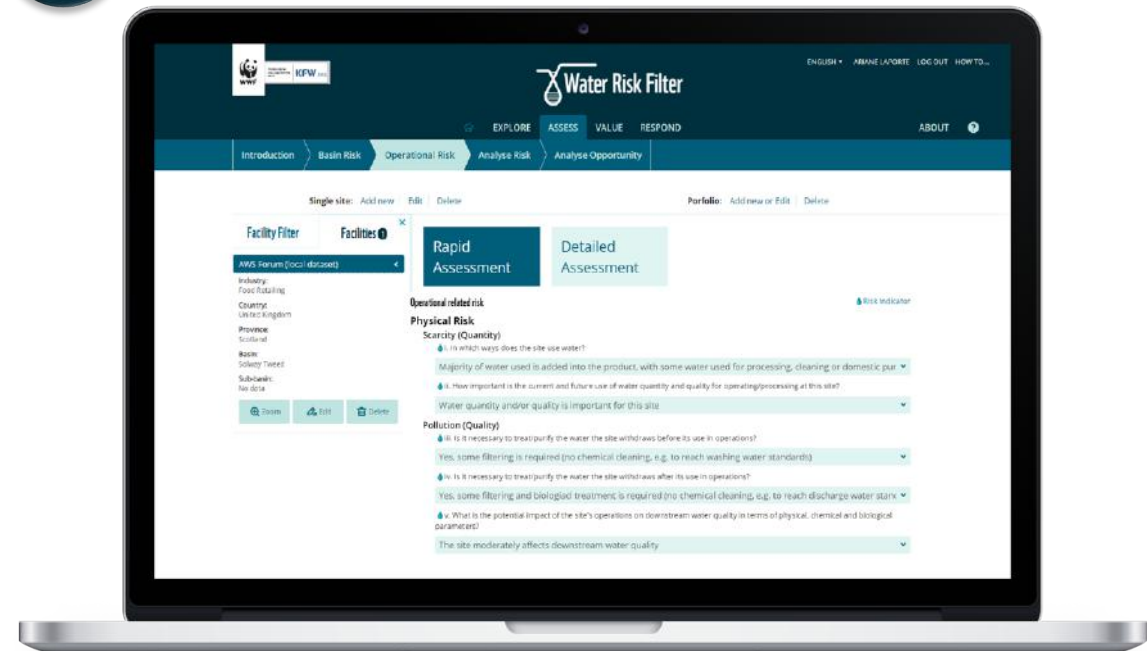


Water Risk Filter: Assess – input data

1 Input location of site



2 Input site operational data

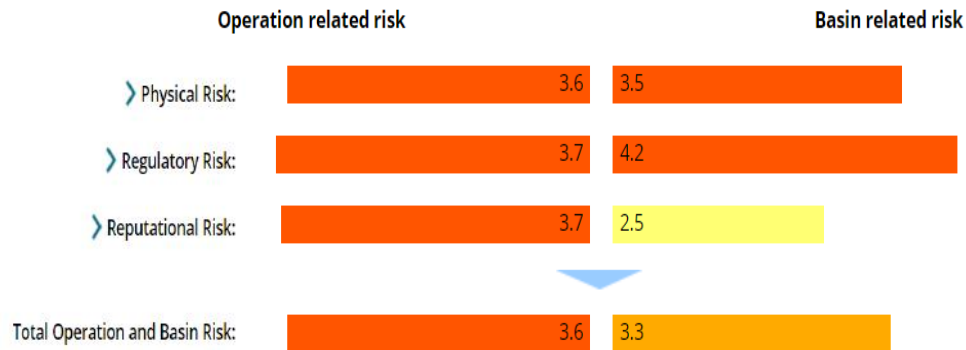




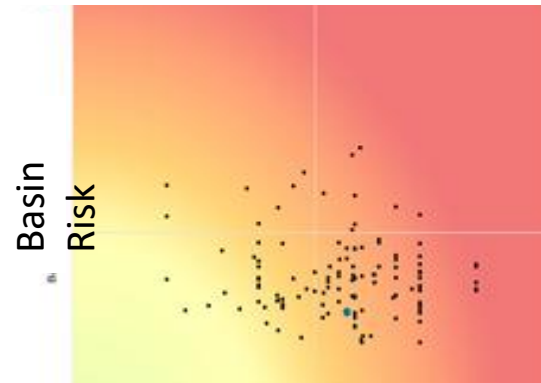
Water Risk Filter: Assess - Analyse risk



Risk Chart



Portfolio Matrix



Maps



Analyse water risks for 1 site or an entire portfolio



Water Risk Filter – Reporting on water risks in CDP

Water Risk Filter portfolio risk assessment can help you identify & prioritize sites:

- High basin and operational water risk exposure
- High production volume and value at risk

(W4.1b) What is the total number of facilities exposed to water risks with the potential to have a substantive financial or strategic impact on your business, and what proportion of your company-wide facilities does this represent?

(W4.1c) By river basin, what is the number and proportion of facilities exposed to water risks that could have a substantive impact on your business, and what is the potential business impact associated with those facilities?

Country/Region	River basin	Number of facilities exposed to water risk	% company-wide facilities this represents
Select from: <ul style="list-style-type: none">Country/region drop-down list	Select from: <ul style="list-style-type: none">River basin drop down listNot knownOther, please specify	Numerical field [enter a number from 0-1,000 using no decimals or commas]	Select from: <ul style="list-style-type: none">Less than 1%1-2526-5051-7576-99100%Unknown



Water Risk Filter – Reporting on water risks in CDP

Water Risk Filter risk assessment can help you identify & report on your risk exposure across both direct operations and supply chain

(W4.2) Provide details of identified risks in your direct operations with the potential to have a substantive financial or strategic impact on your business, and your response to those risks.

Country/Region	River basin	Type of risk	Primary risk driver
Select from: <ul style="list-style-type: none">Country/region drop-down list	Select from: <ul style="list-style-type: none">River basin drop-down listNot knownOther, please specify	Select from: <ul style="list-style-type: none">PhysicalRegulatoryReputation & marketsTechnology	Select from: <ul style="list-style-type: none">Response drop-down options below table

(W4.2a) Provide details of risks identified within your value chain (beyond direct operations) with the potential to have a substantive financial or strategic impact on your business, and your response to those risks.

Country/Region	River basin	Stage of value chain	Type of risk	Primary risk driver
Select from: <ul style="list-style-type: none">Country/region drop-down list	Select from: <ul style="list-style-type: none">River basin drop-down listNot knownOther, please specify	Select from: <ul style="list-style-type: none">Supply chainUse phaseOther, please specify	Select from: <ul style="list-style-type: none">PhysicalRegulatoryReputation & marketsTechnology	Select from: <ul style="list-style-type: none">Response drop-down options below table



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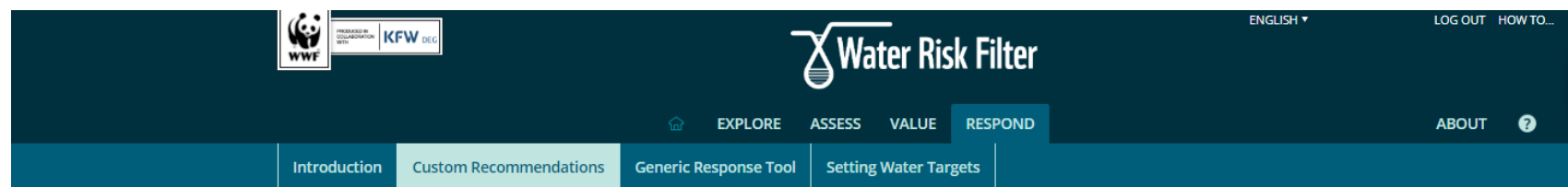


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Water Risk Filter: Respond



Water Risk Filter – Respond



50
actions
freely
available
online

+150 actions &
guidance
available when
engaging with
WWF

Based on your risk assessment results, get a customized list of prioritized recommended water stewardship response actions that enable you to respond to your unique water risks



Water Risk Filter – Respond



ENGLISH ▾ LOG OUT HOW TO...

EXPLORE ASSESS VALUE RESPOND

Introduction Custom Recommendations Generic Response Tool Setting Water Targets

Facility Filter

Facilities 18

Global

All countries

All basins

All industries

Total Basin Risk

All risk scores

All sites

Table of custom recommendations

Ranked priority	Response category	Action
1	06 - Operations, performance measurement & management	A015 - Gather additional catchment data
2	08 - Risk awareness	A021 - Detailed water risk assessment
3	08 - Risk awareness	A138 - Support a detailed water risk assessment
4	10 - Value chain engagement	A118 - Substitute damaging products or materials
5	01 - Water awareness and internal capacity	A132 - Review future water scenarios for the company
6	01 - Water awareness and internal capacity	A003 - Site employee education on water
7	02 - Strategy and business planning	A134 - Seek water-related expertise
8	03 - Collective action	A150 - Partner with environmentally-focused water civil society organizations
9	07 - Policies, standards and plans	A029 - Develop adaptation plan
10	03 - Collective action	A022 - Support joint water data collection
11	03 - Collective action	A141 - Engage in peer regional water benchmarking
12	10 - Value chain engagement	A131 - Provide seed finance for bankable projects in your value chain
13	02 - Strategy and business planning	A076 - Develop plans for supply chain interruptions to site's key inputs
14	09 - Stakeholder engagement	A012 - Identify stakeholders & water challenges
15	02 - Strategy and business planning	A020 - Calculate the financial value of water
16	09 - Stakeholder engagement	A053 - Consult stakeholders on water performance
17	07 - Policies, standards and plans	A105 - Set publicly available corporate water performance goals

Visualisation Type

Priority List /Graph

Matrix

Table

Response Filter

All categories

All risk types

All implementers

All stewardship levels

All AWS criteria

All SDG6 targets

All resilience actions

The CEO Water Mandate

Physical

Regulatory

Reputational

Site? Corporate?

Initial? Established? Advanced?

ALLIANCE FOR WATER STEWARDSHIP

THE GLOBAL GOALS



Water Risk Filter – Respond section & CDP Questionnaire

The screenshot displays the 'Respond' section of the Water Risk Filter tool. The top navigation bar includes 'EXPLORE', 'ASSESS', 'VALUE', and 'RESPOND'. Below this, there are tabs for 'Introduction', 'Custom Recommendations', 'Generic Response Tool', and 'Setting Water Targets'. The main content area shows a list of recommendations, each with a category, action, and a link to a detailed view. A 'Response Filter' sidebar is visible on the right, allowing users to filter by categories, risk types, implementers, stewardship levels, AWS criteria, and SDG6 targets.

A detailed view of a recommendation is shown in a modal window. The recommendation is for '08 - Risk awareness' and 'Raise corporate and board's water awareness'. The action description is 'Create or increase corporate management's or board's awareness of relevant business water risks and shared challenges in corporate sustainability, procurement and operations'. The recommendation is linked to 'AWS 1.0' (6.6), 'Ceres Aqua Gauge', 'CDP Water Security' (W6.2; W6.3), 'CEO Water Mandate Water Stewardship Toolbox' (Understand water stress), 'SDG 6', and 'Other SDGs'.

Response Category	Action - short description	Action - long description	AWS 1.0	Ceres Aqua Gauge	CDP Water Security	CEO Water Mandate Water Stewardship Toolbox	SDG 6	Other SDGs
08 - Risk awareness	Raise corporate and board's water awareness	Create or increase corporate management's or board's awareness of relevant business water risks and shared challenges in corporate sustainability, procurement and operations	6.6		W6.2; W6.3	Understand water stress		

For each response action, users are informed of which section of the CDP questionnaire is relevant for disclosure



Water Risk Filter – Reporting response to risk in CDP

The Respond section provides:

- A tailored set of recommended response actions to adequately address water risk exposure
- To support stronger risk & response disclosure via CDP

(W4.2) Provide details of identified risks in your direct operations with the potential to have a substantive financial or strategic impact on your business, and your response to those risks.

(W4.2a) Provide details of risks identified within your value chain (beyond direct operations) with the potential to have a substantive financial or strategic impact on your business, and your response to those risks.

Country/Region	River basin	Type of risk	Primary risk driver	Primary potential impact	Primary response to risk	Description of response
Select from: • Country/region drop-down list	Select from: • River basin drop-down list • Not known • Other, please specify	Select from: • Physical • Regulatory • Reputation & markets • Technology	Select from: • Response drop-down options below table	Select from: • Response drop-down options below table	Select from: • Response drop-down options below table	Text field [maximum 1,500 characters]



Water Risk Filter – Setting water targets

The Respond section can help companies set contextual water targets:

- right things in right place
- at different levels: site, basin, country, company, etc

(W8.1) Describe your approach to setting and monitoring water-related targets and/or goals.

Levels for targets and/or goals	Monitoring at corporate level	Approach to setting and monitoring targets and/or goals
Select all that apply: <ul style="list-style-type: none">• Our company sets no targets or goals• Company-wide targets and goals• Business level specific targets and/or goals• Activity level specific targets and/or goals• Site/facility specific targets and/or goals• Brand/product specific targets and/or goals• Country level targets and/or goals• Basin specific targets and/or goals• Other, please specify	Select all that apply: <ul style="list-style-type: none">• None are monitored at corporate level• Targets are monitored at the corporate level• Goals are monitored at the corporate level	Text field [maximum 3,000 characters]



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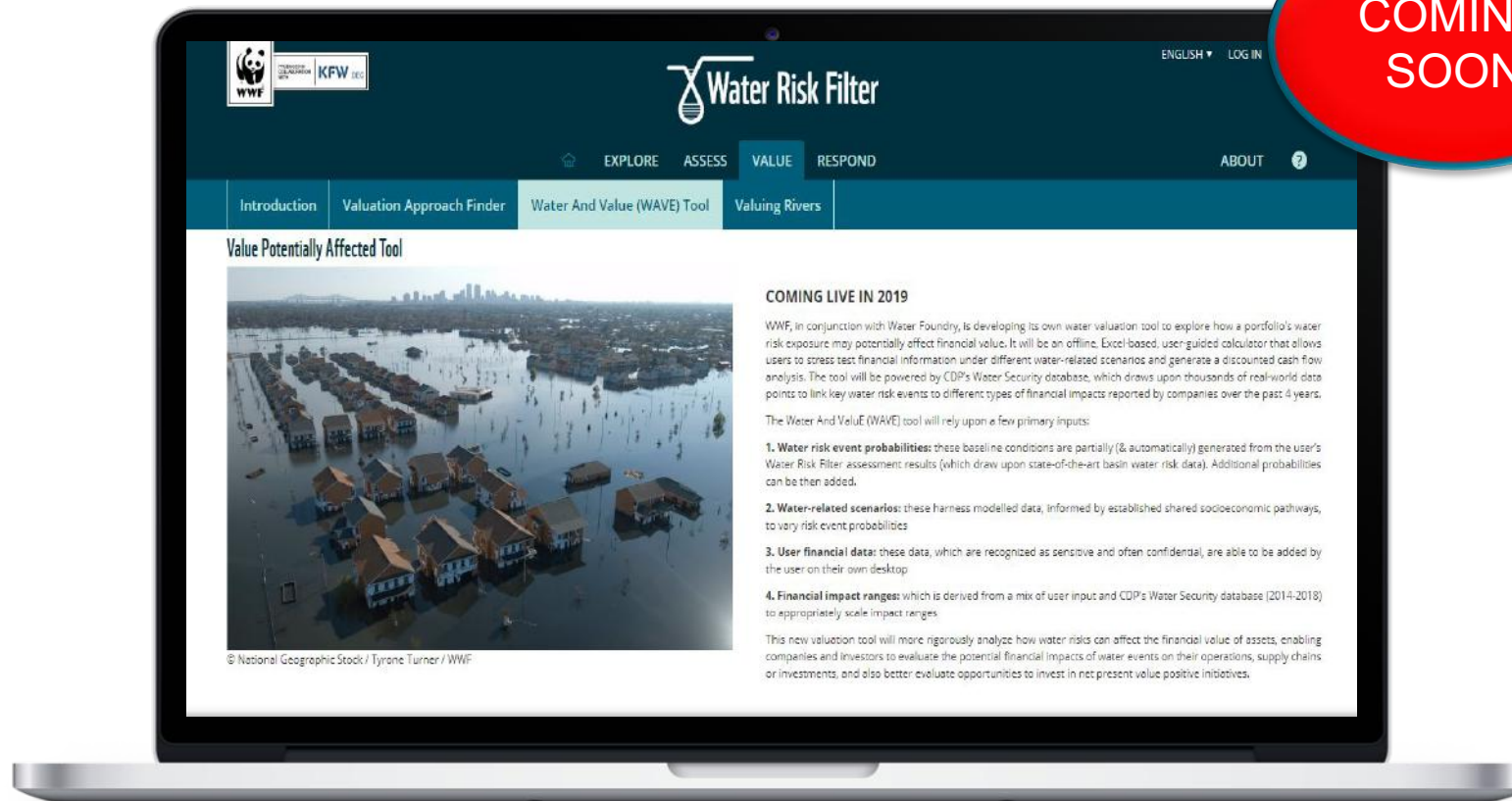
Water Risk Filter: Coming soon - Value



Water Risk Filter: NEW WAVE TOOL



COMING
SOON



Support the business case for investing & taking action to address your water risks



Water Risk Filter – Reporting on financial impacts from water risks in CDP

New valuation tool can help you better identify and report on water risks with the potential to have a substantive financial or strategic impact on your business

(W4.1) Have you identified any inherent water-related risks with the potential to have a substantive financial or strategic impact on your business?

(W4.1a) How does your organization define substantive financial or strategic impact on your business?

(W4.1b) What is the total number of facilities exposed to water risks with the potential to have a substantive financial or strategic impact on your business, and what proportion of your company-wide facilities does this represent?

Total number of facilities exposed to water risk	% company-wide facilities this represents	Comment
Numerical field [enter a number from 0-1,000 using no decimals or commas]	Select from: <ul style="list-style-type: none">• Less than 1%• 1-25• 26-50• 51-75• 76-99• 100%• Unknown	Text field [maximum 4,500]



Water Risk Filter – Reporting on financial impacts from water risks in CDP

New valuation tool can help strengthen your CDP reporting on potential financial impacts of water risk events on operations & supply chains

(W4.2) Provide details of identified risks in your direct operations with the potential to have a substantive financial or strategic impact on your business, and your response to those risks.

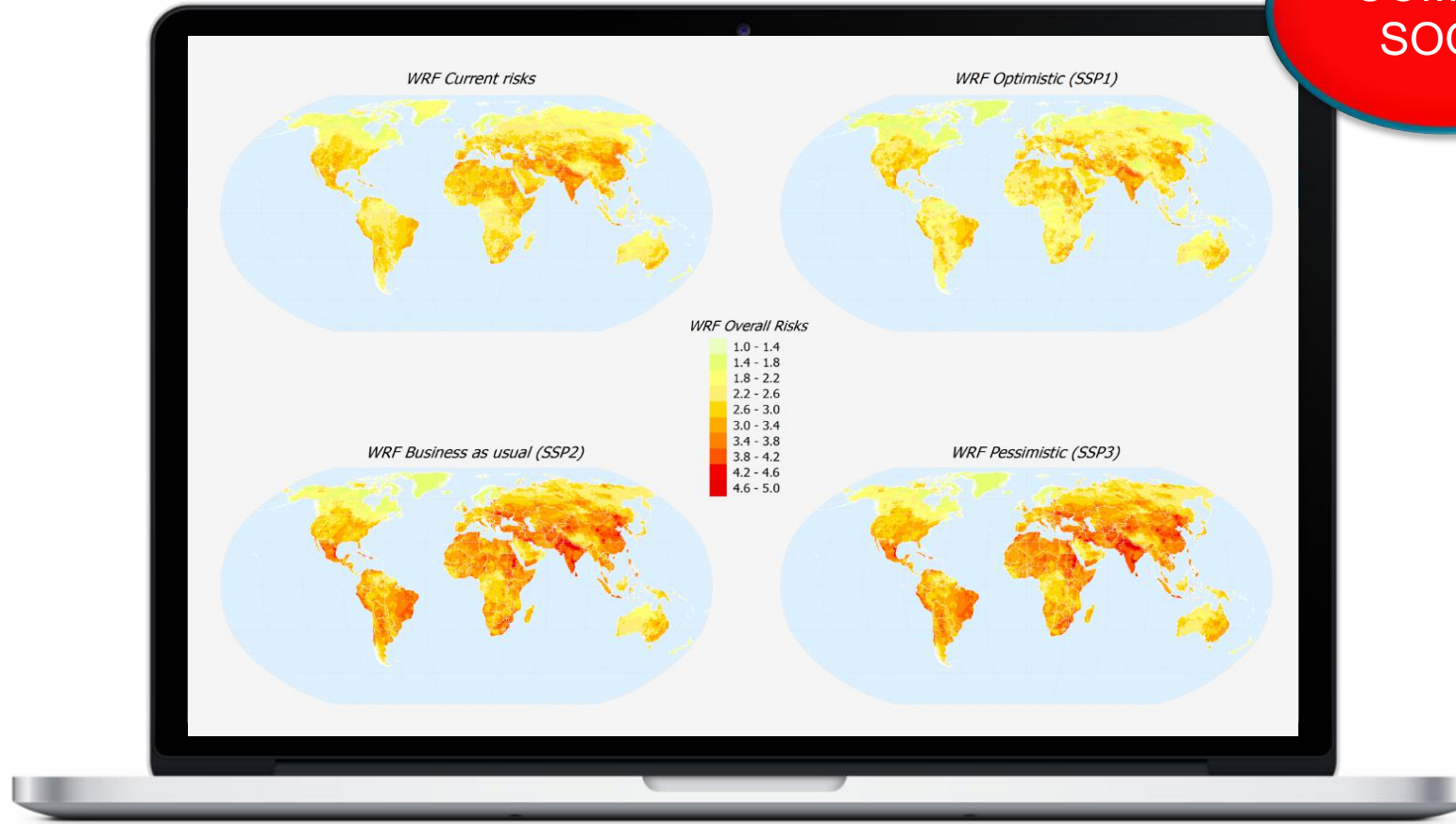
(W4.2a) Provide details of risks identified within your value chain (beyond direct operations) with the potential to have a substantive financial or strategic impact on your business, and your response to those risks.

Magnitude of potential impact	Likelihood	Are you able to provide a potential financial impact figure?	Potential financial impact figure (currency)	Potential financial impact figure - minimum (currency)	Potential financial impact figure - maximum (currency)
Select from: <ul style="list-style-type: none">• High• Medium-high• Medium• Medium-low• Low• Unknown	Select from: <ul style="list-style-type: none">• Virtually certain• Very likely• Likely• More likely than not• About as likely as not• Unlikely• Very unlikely• Exceptionally unlikely• Unknown	Select from: <ul style="list-style-type: none">• Yes, a single figure estimate• Yes, an estimated range• No, we do not have this figure	Numerical field [enter a number from 0-999,999,999,999,999 using a maximum of 2 decimal places]	Numerical field [enter a number from 0-999,999,999,999,999 using a maximum of 2 decimal places]	Numerical field [enter a number from 0-999,999,999,999,999 using a maximum of 2 decimal places]



Water Risk Filter: NEW Climate Scenarios

COMING
SOON





Water Risk Filter – Reporting on scenario analysis in CDP

New WRF scenarios will support scenario analysis of water risks & TCFD implementation

- (W7.3) Does your organization use climate-related scenario analysis to inform its business strategy?
- (W7.3a) Has your organization identified any water-related outcomes from your climate-related scenario analysis?
- (W7.3b) What water-related outcomes were identified from the use of climate-related scenario analysis, and what was your organization's response?

Climate-related scenario(s)	Description of possible water-related outcomes	Company response to possible water-related outcomes
Select all that apply: <ul style="list-style-type: none">• 2DS• IEA 450• Greenpeace• DDPP• IRENA• RCP 2.6• IEA B2DS• IEA Sustainable Development Scenario• Nationally determined contributions (NDCs)• Other, please specify	Text field [maximum 1,500 characters]	Text field [maximum 1,500 characters]



THANK YOU

FOR YOUR ATTENTION!

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