



Dashboards of the digital environmental risk management model

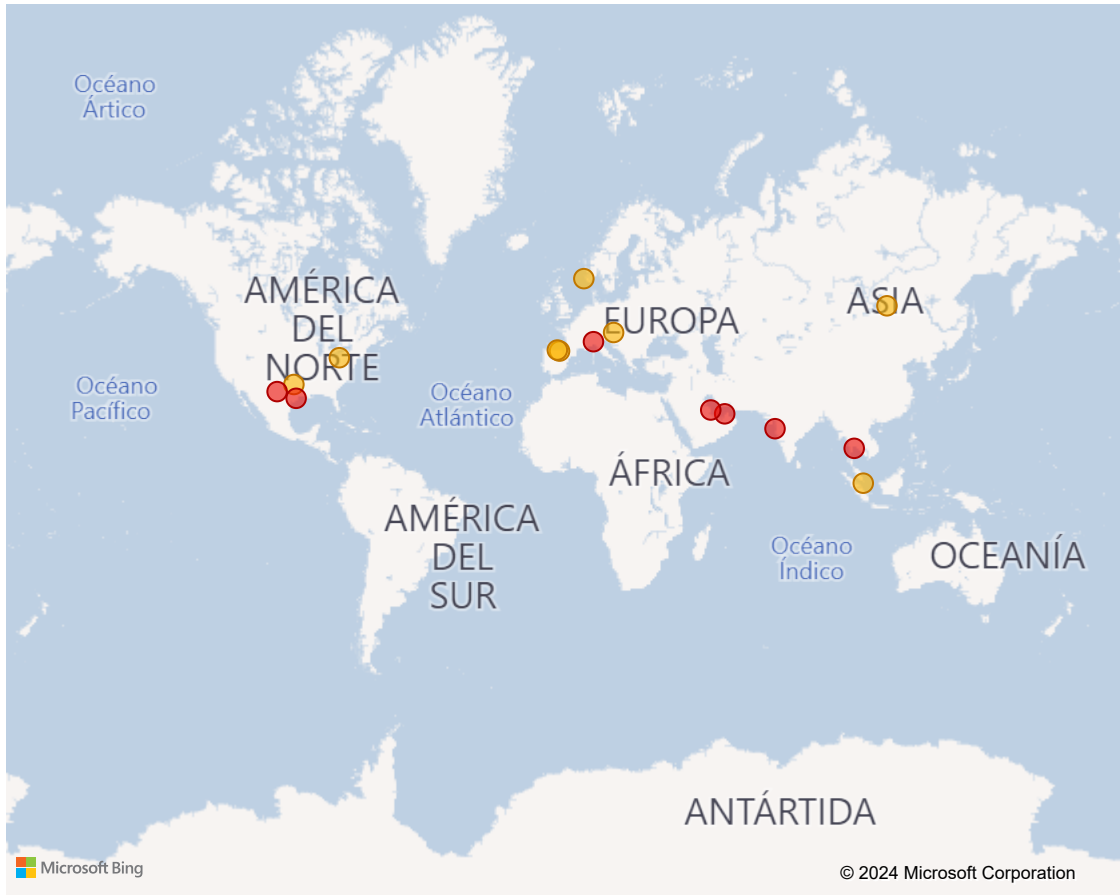
In the current global scenario, awareness of environmental challenges has intensified, highlighting the urgent need to address critical issues such as climate risks, sustainable water management, the transition to clean energy and the preservation of biodiversity. These key elements represent not only environmental concerns, but also business challenges that require proactive and innovative responses.

In this context, Tubacex has taken on a key role in identifying and assessing climate risks, efficient water management and the transition to a low-carbon energy model. In 2022-2023 it has been working on the analysis of these risks following TCFD recommendations and complying with regulations that require large companies to undertake this type of analysis (e.g. Law 7/2021 on climate change in Spain). The company presented the results in its most recent financial statements, specifically on pages 45 and 54.

In addition, it should be noted that Tubacex has a digital environmental risk management model in PowerBI, which can be accessed by different users of the company to observe the main risks faced by the company in each of its facilities.

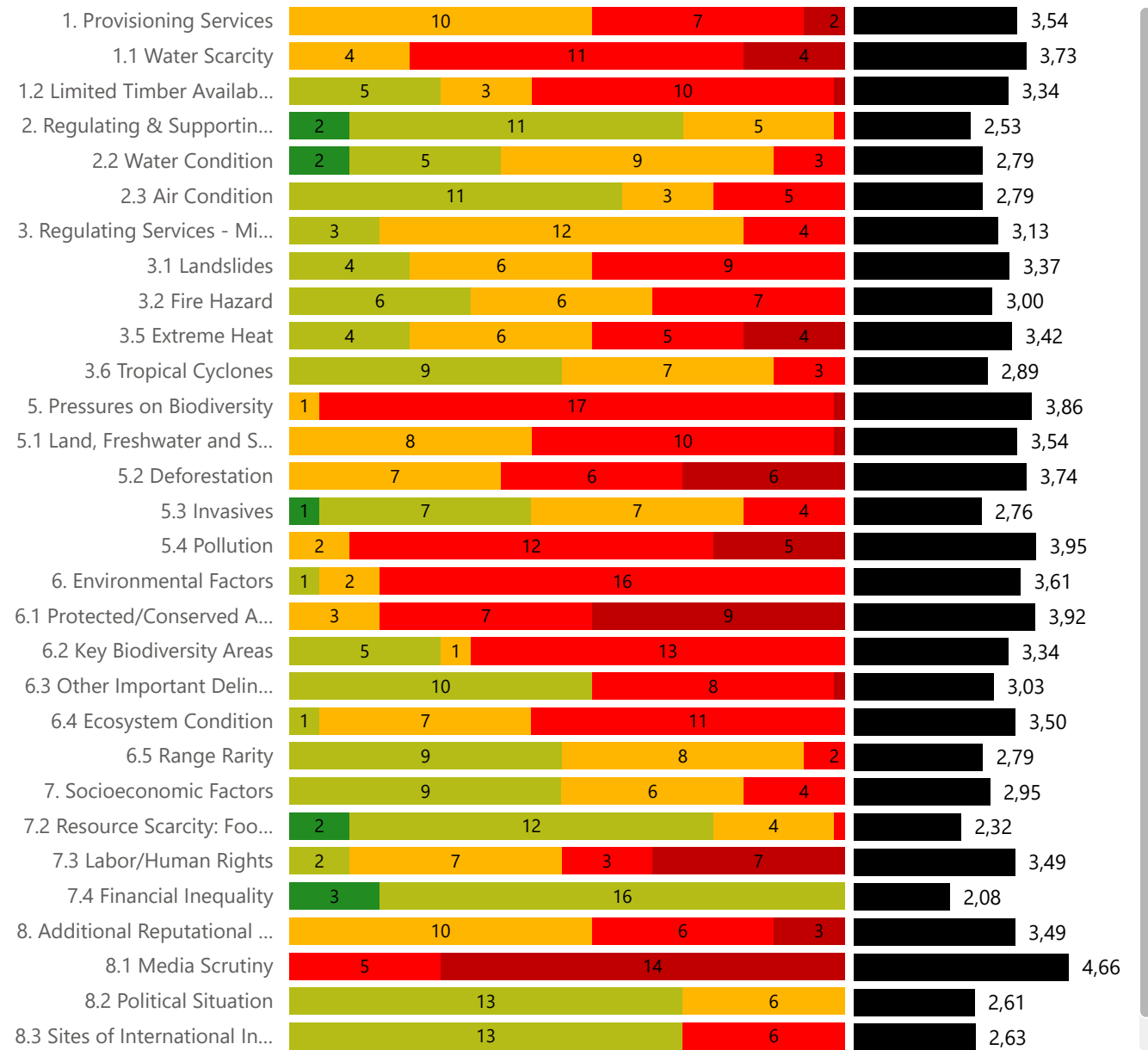
Biodiversity Physical Hazard

Risk ● Medium ● High



Number of sites by risk type/level

Nivel Riesgo ● Very Low ● Low ● Medium ● High ● Very High



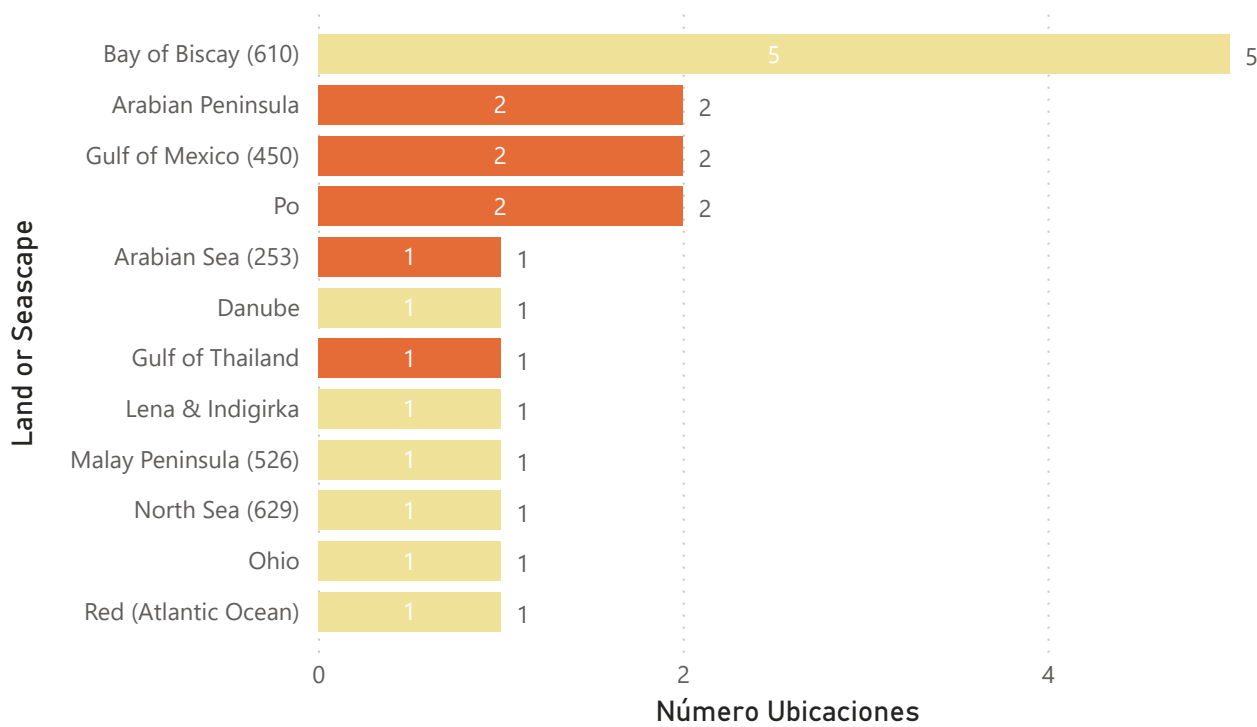
Number of sites by risk level

Nivel Riesgo ● Medium ● High



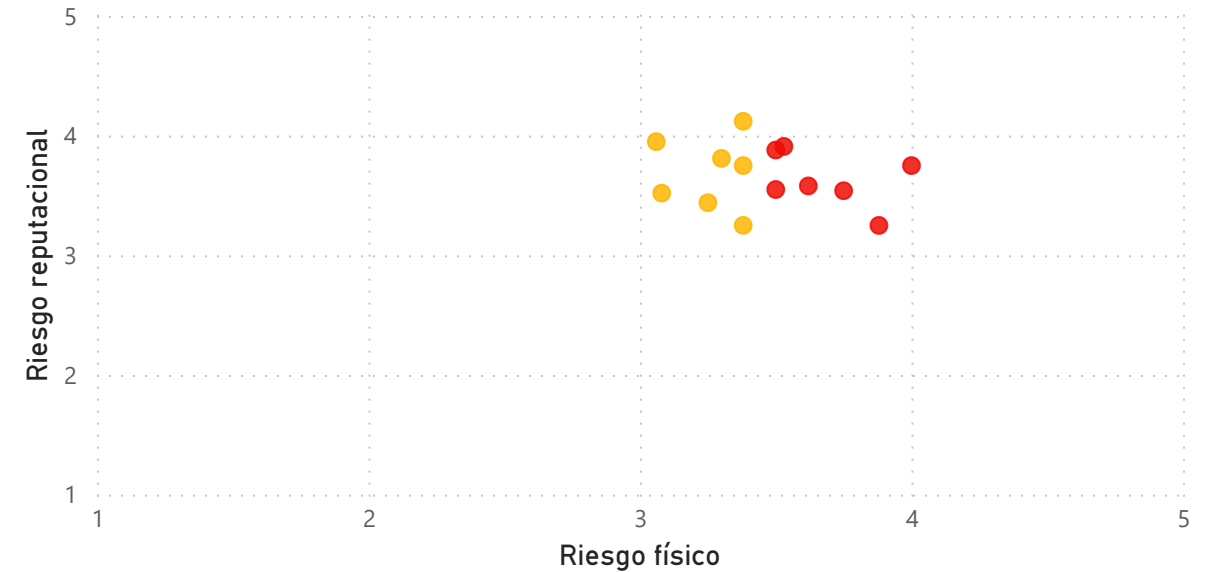
Number of sites by basin and risk level

Nivel Riesgo Físico ● High ● Medium



Physical vs. Reputational Risk

Riesgo ● Medium ● High



Physical Hazard Score by Site, Horizon, RCP& Metric

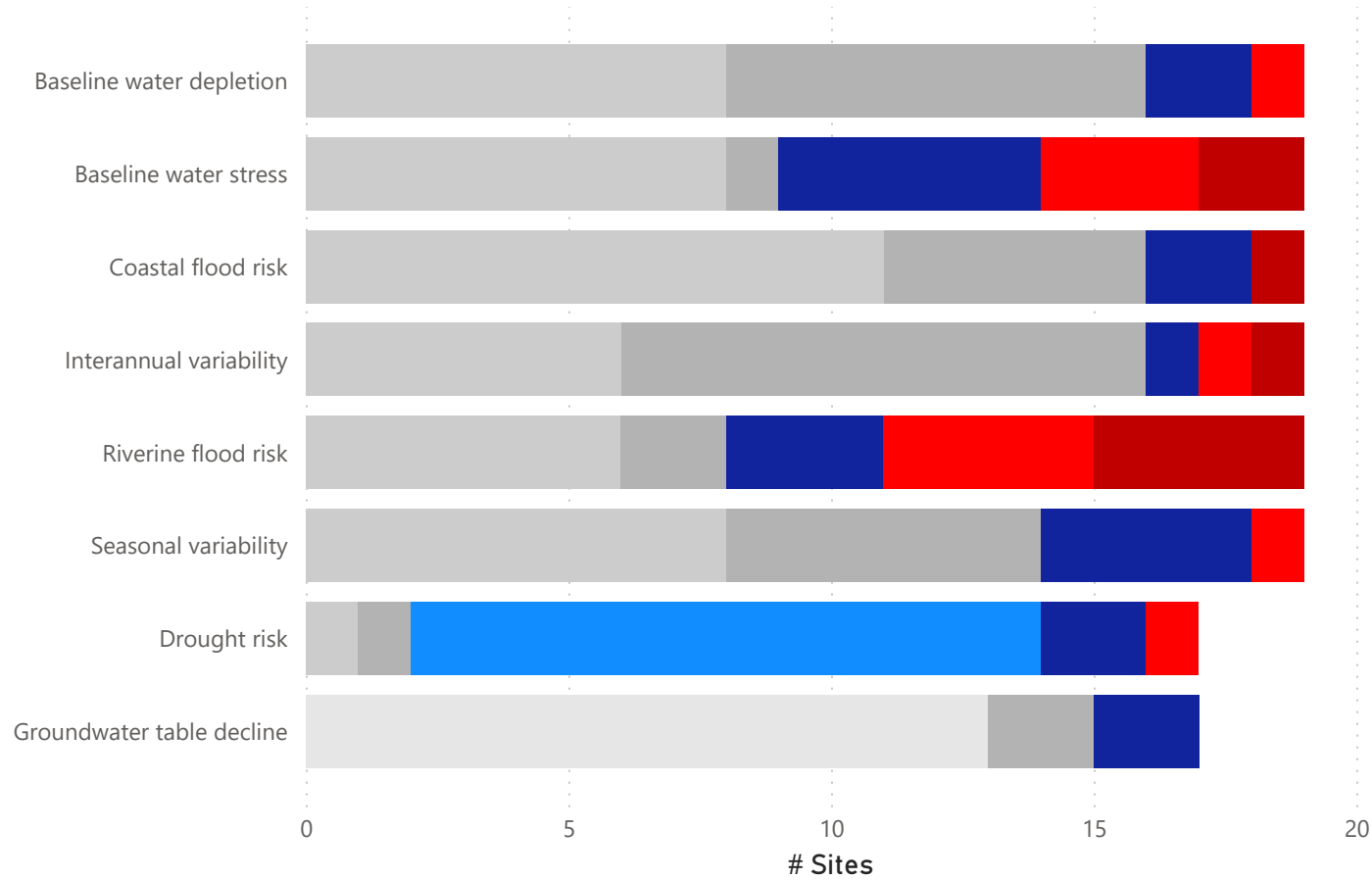


- Horizon Long Mid Short
 RCP RCP 4.5 RCP 8.5
 Hazard Metric Fire Weather Index Chronic Heat Wave Index Max Daily Temperature Mean Daily Precipitation Mean Daily Temperature Min Daily Temperature Wet Bulb Globe Temperature Chronic

Site Name	Units	Hazard Score	Variation
Amurrio-Llodio	degC	7,80	3,80
Austria	degC	6,50	4,40
Brazil	degC	7,30	3,70
Canada-Nts	degC	7,60	5,30
Cantabria	degC	7,60	3,50
Dubai	degC	12,00	4,30
Durant	degC	6,60	4,30
France	degC	7,30	4,20
Guyana	degC	13,10	3,40
Houston	degC	6,20	3,70
India	degC	12,30	3,80
Kazakstan	degC	5,40	4,60
Norway	degC	5,10	3,10
Odessa-Nts	degC	6,80	4,50
Salem	degC	6,60	4,90
Saudi	degC	11,80	4,40
Singapore	degC	15,00	3,00
Thailandia	degC	11,70	3,80
Vittuone	degC	8,40	4,30

Water risks by location

Risk ● Insignificant Trend ● Low ● Low - Medium ● Medium ● Medium - High ● High ● Extremely High



Source:GRI

Baseline Water Stress

Risk ● Extremely High ● High ● Medium - High ● Low - Medium ● Low



Microsoft Bing

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% Sales (vs. 2016-2020) por YEAR y Sector

