

Food supply chains depend on nature. But where are you most exposed?

Food and retail businesses depend on nature across global supply chains.
Water scarcity, soil degradation, biodiversity loss and deforestation all impact commodities.
Understanding availability, cost and resilience is key.

- 📍 Which commodities and sourcing locations are the most sensitive to disruption?
- 🌾 Where could water or ecosystem degradation threaten continuity of supply?
- 💧 Which sourcing locations are your biggest dependencies?
- 📊 Which of these become financially material risks?

With hundreds of commodities, suppliers and sourcing locations, knowing where to focus first is challenging

IMS identifies your most material nature-related DIROs across your value chain.

From thousands of possible interactions, IMS pinpoints the locations, commodities and activities that are most likely to affect cost, supply reputation and resilience

YOUR VALUE CHAIN

Raw Materials



Suppliers



Operations



Products



Thousands of interactions with nature

Biodiversity | Water | Land | Pollution | Species



IMS Software As A Service Nature Solutions



Prioritised Nature-related DIROs

Dependencies | Impacts | Risks | Opportunities

Transform complex nature data into clear business priorities.

From locations... to financially material risks

Our solution follows the TNFD LEAP approach to identify where nature matters most to your organisation.

1 LOCATE

Understand where your business interacts with nature

- ✓ Biodiversity-sensitive areas
- ✓ Species extinction risk
- ✓ Water stress
- ✓ Ecosystem integrity
- ✓ Protected areas
- ✓ Critical ecosystem services

Outcome: Identify priority locations requiring further assessment.

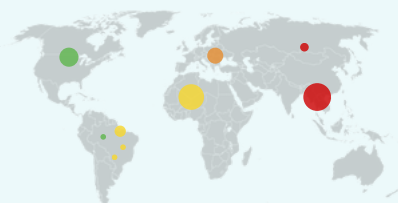
Dependency scores of rice

Water	Very high
Soil	High
Tree	Very high
Pollination	High
Soil quality	Medium
Soil erosion	Medium
Water quality	Low

Natural hazards

Natural hazards	Medium
Climate	Medium
Biodiversity	Medium

Inspects of rice across sourcing countries



2 EVALUATE

Understand your impacts and dependencies

IMPACTS

Deforestation
Land use change
Water use
Water pollution
Air pollution
Soil pollution
Waste

DEPENDENCIES

Water availability
Soil fertility
Pollination
Climate regulation
Storm resilience
Pest control
Crop suitability

Outcome: Understand where your organisation has its greatest impacts and dependencies.

Risks Scores

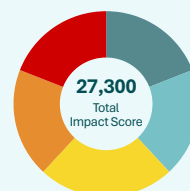
by Commodities



by Sites



Absolute Impact Distribution



- Land use change
- Water use
- Water pollution
- Air pollution
- Soil pollution
- Waste
- Other

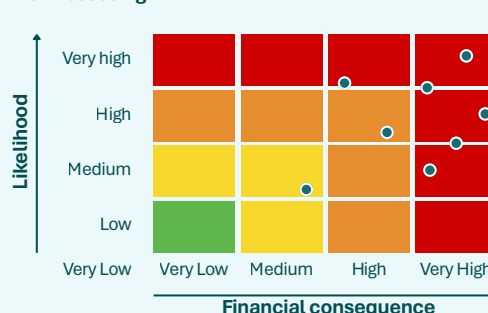
3 ASSESS

Translate nature into business risk

- Impacts
- Dependencies
- State of nature
- Regulation & policy
- Market change
- Consumer behavior

= Nature-related risks

Risk Assessing



Transition Risks

- Pollution regulations
- Deforestation regulation
- Water use regulation
- Reputational damage
- Litigation
- Market change
- Technology change
- Policy change

Physical Risks

- Reduced water availability
- Reduced water quality
- Soil erosion
- Flooding

Outcome: A prioritised portfolio of nature-related risks plotted by financial consequence and likelihood.

Turn nature data into business decisions

Our solution helps organisations move beyond compliance to identify the nature-related issues that matter most.



PRIORITISE

Identify your highest-risk:

- Sites
- Commodities
- Suppliers
- Locations



INFORM DECISIONS

Support:

- Procurement
- Risk management
- Capital allocation
- Transition plans
- Engagement



SCALE EFFICIENTLY

Start with:

- Site locations
- Activities
- Commodities

Add further operational data over time for greater precision.



REPORT CONFIDENTLY

Outputs aligned with:

- TNFD
- IFRS S1
- UK SRS S1
- ESRS
- CDP
- SBTN

WHY APPLY OUR SAAS SOLUTION?



High-resolution location-specific analysis



Scientifically robust datasets



200+ commodities



19 ecosystem dependencies



Automated hotspot identification



Financial risk prioritisation



Enterprise-grade security



Board-ready reporting

NATURE IS NOT EQUALLY MATERIAL ACROSS YOUR BUSINESS.