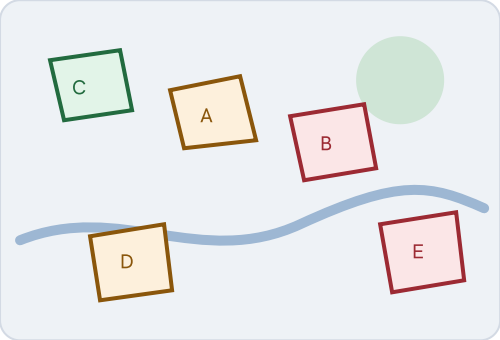
Illustrative sample. The sites, locations and results below are fictional. They show the structure of the report you receive.

NATURE-RISK SCREENING · TNFD LOCATE · STANDARD TIER · SAMPLE

Portfolio Screening: 5 Candidate Solar Sites

Fictional client “Example Energy” · sector: solar power generation · 12 geospatial signals per site · Sabeel IT Consulting

1. Summary



1 site LOW: proceed to the next gate

2 sites MEDIUM: targeted desktop study

2 sites HIGH: field study before selection

Site C is the cleanest candidate: no risk flag and a low-sensitivity biome. **Site B** combines three flags (water stress, a protected area within 5 km and threatened-species records), and **Site E** sits in a mangrove biome rated AVOID. Both need field work before any commitment.

2. Site ranking

Site	Area	Biome sensitivity	Flags raised	Verdict	Recommended next step
C	42 ha	LOW	none	LOW	Standard desktop screening sufficient; proceed to next gate.
A	65 ha	LOW	High water stress	MEDIUM	Targeted desktop EIA and stakeholder mapping; revisit at financial close.
D	58 ha	LOW	High water stress · Cropland conflict	MEDIUM	Targeted desktop EIA and stakeholder mapping; revisit at financial close.
B	80 ha	LOW	High water stress · Protected-area proximity · Threatened species	HIGH	Field ESIA and biodiversity baseline strongly recommended before site selection.
E	37 ha	AVOID (mangroves)	Mangrove intersection	HIGH	Field ESIA and biodiversity baseline strongly recommended before site selection.

Verdict rule: HIGH if the biome is rated AVOID or 3+ flags are raised; MEDIUM if 1–2 flags or a HIGH-sensitivity biome; LOW otherwise.

3. Site detail: Site B

Reason code	Flag	Evidence	Rule	Source
HIGH_WATER_STRESS	RAISED	Baseline water stress score 3.6 (“High”, 40–80 %)	score ≥ 3	WRI Aqueduct
PA_PROXIMITY	RAISED	1 protected area within the 5 km buffer	any within 5 km	OpenStreetMap
GBIF_THREATENED_SPECIES	RAISED	4 occurrence records of threatened species in the site	any record	GBIF
CROPLAND_CONFLICT	–	8 % cropland	≥ 30 %	ESA WorldCover
FOREST_LOSS_HOTSPOT	–	0 ha of recent forest loss	≥ 5 ha in a year	Hansen / UMD
FLOOD_HAZARD_HIGH	–	No historical flood event recorded	≥ 1 event	Global Flood Database / JRC
FIRE_RISK_HIGH	–	3 active-fire detections within 10 km	≥ 10 detections within 10 km	NASA FIRMS
MANGROVE_INTERSECT	–	No mangrove in the site	any overlap	Mangrove extent dataset
INDIGENOUS_LAND_INTERSECT	–	No Indigenous-tenure area within 5 km	any within 5 km	OpenStreetMap

Verdict: `HIGH`, because 3 flags are raised. Recommended next step: field ESIA and biodiversity baseline before site selection.

4. Method and limits

- **12 signals per site:** sector materiality, biome, land cover, water stress, cropland share, mangrove proximity, forest loss, flood history, Indigenous lands, protected areas, threatened species, fire density.
- **Traceable:** every result is stored with its source, parameters and date, so any figure in this report can be re-checked.
- **Aligned with the TNFD LEAP approach** (Locate phase): it shows where nature-related risks are likely, so you know where to look closer.
- **Screening, not a field study:** results depend on public datasets and their resolution (from about 10 m to 10 km). A HIGH verdict means “investigate on the ground”, not “the site is unusable”.

5. What you receive

- This PDF report: summary, site ranking and one detail page per site
- The results per site and per signal (spreadsheet)
- A short written note answering your questions on the results