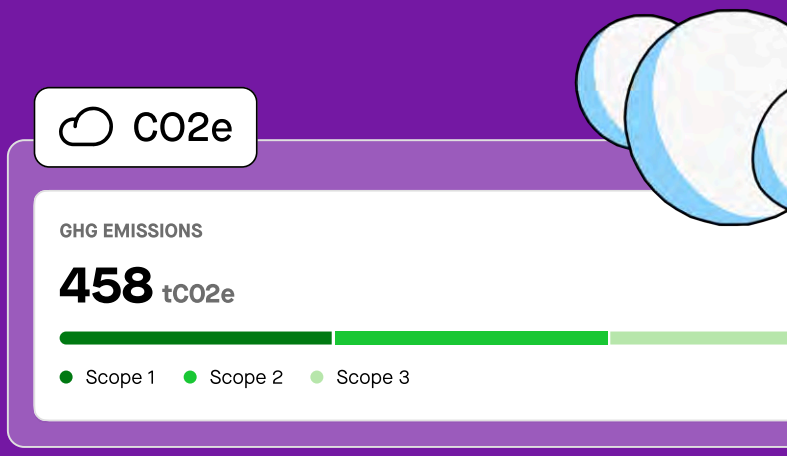
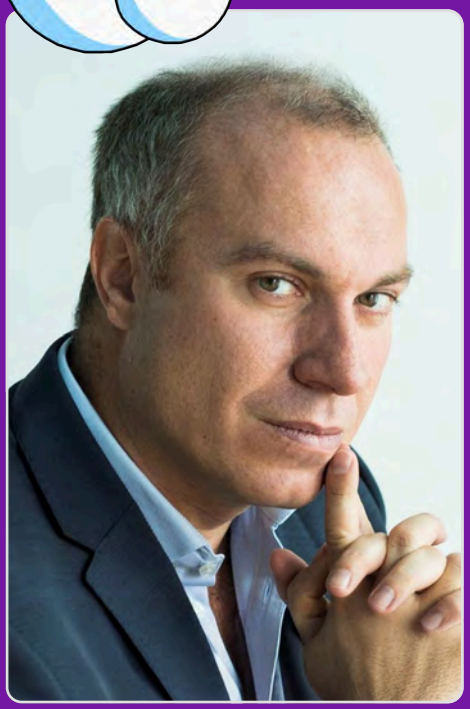
Mastering climate risk: 5 strategies

SWEEP

Recommendations from François Gemenne, Julien Denormandie, and David Carlin

GUIDE





What's inside:

01 Look beyond individual risks
02 Treat resilience as a continuous journey
03 Turn obligation into advantage
04 Engage your network
05 Quantify climate risks

The experts

François Gemenne
Climate expert and lead author of the IPCC's 6th Assessment Report

Julien Denormandie
Former Minister,
Chief Impact Officer
Sweep

David Carlin
Founder
UNEP FI Risk Centre

Trusted by

BlackRock. | BOUYGUES | TRAVEL+ LEISURE
L'ORÉAL | Balderton. | wsp

SWEEP

Introduction

Climate risk is already reshaping the way companies operate. As David Carlin, founder of the UNEP FI Risk Centre, explains:

> "Businesses face these challenges every day. The mistake is to see climate as a future issue. It's happening now, not in five years, not in 2050."

David Carlin
Founder of the UNEP FI Risk Centre

According to the World Economic Forum, climate-related risks threaten between 5% and 25% of corporate EBITDA. This guide shares practical recommendations from three experts to help organisations strengthen resilience and turn climate challenges into long-term opportunities.

"Climate is not a future issue. It's happening now, not in five years, not in 2050."

David Carlin
Founder of the UNEP FI Risk Centre

01 Look beyond individual risks

- François Gemenne

The challenge: Most companies can identify their main business risks, but often miss how they interact and reinforce each other.

The advice: "Organisations should understand how risks connect and amplify. The biggest vulnerabilities often lie in these interactions."

Next steps

Build a dependency matrix

List your 20 key suppliers and assess their exposure to physical climate risks such as floods, droughts, or heatwaves.

Run cascading scenario tests

If a logistics partner stops for two weeks, what revenue loss follows and which customers are affected?

Map systemic vulnerabilities

Identify single points of failure in your supply chain or operations and create backup solutions.

02 Treat resilience as a continuous journey

- François Gemenne

The challenge: Many organizations treat resilience as a one-off project rather than an ongoing process.

The advice: "Resilience is not a fixed state. It's a journey that requires regular review and adjustment."

Next steps

Quarterly Climate Risk Committee

Create a quarterly Climate Risk Committee bringing together Procurement, Operations, Finance, and Sustainability teams.

Set up real-time monitoring

Subscribe to weather and climate alerts for key sites and suppliers.

Test your crisis plans twice a year

Simulate events, measure response times, and aim to improve them by 30 percent in 12 months.

03 Turn obligation into advantage

- Julien Denormandie

The challenge: Many companies react to climate pressure instead of leading the transition.

The advice: “Climate resilience is not just protection. It’s a way to build a stronger and more competitive business.”

Next steps

Launch short-term quick wins

Replace high-carbon materials or packaging with lower-impact alternatives that don’t increase costs.

Track your climate return on investment

Record energy savings, new business gained, reduced insurance costs, and customer loyalty improvements.

Build an executive dashboard

To monitor results and report progress to leadership every quarter.

04 Engage your network

- François Gemenne

The challenge: Most climate impacts occur outside company walls, in the extended value chain.

The advice: "Real resilience depends on collaboration. Many risks originate in supplier networks or partner operations."

Next steps

Map your Tier 1 and Tier 2 suppliers

Include their carbon footprint, ESG maturity, and exposure to local climate risks.

Adapt engagement by maturity level

Offer basic training to new suppliers, data platforms and workshops to developing ones, and co-innovation projects to advanced partners.

Share tools and training

Give suppliers access to your reporting platform, host learning sessions, and provide ongoing support.

Sweep makes this easier. With the Supply Chain module, you can invite suppliers to input their data on one platform and monitor progress together.

05 Quantify climate risks

- David Carlin

The challenge: Climate risks can threaten up to a quarter of profits but are rarely quantified.

The advice: "Treat climate risks like financial risks. They should be measured, costed, and managed as part of core business strategy."

Next steps

Quantify at least five risk scenarios

Estimate the financial impact of floods, heatwaves, energy price spikes, or new carbon taxes.

Integrate climate analysis into investment decisions

Include exposure levels, mitigation costs, and adjusted ROI in business cases.

Create a Climate P&L

Track costs such as energy, insurance, and disruptions against gains from efficiency and green contracts each quarter.

How Sweep helps build climate resilience

Measure emissions with ease

Automated collection of Scope 1, 2, and 3 emissions data

Drive decisions with data

Real-time dashboards and scenario simulations

Mobilize your value chain

Supply Chain module for supplier collaboration

Prove compliance at every step

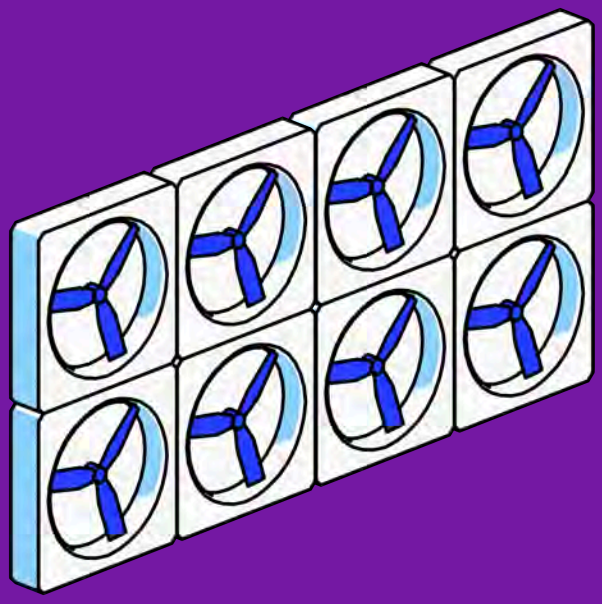
Audit-ready reports aligned with CSRD and other major frameworks

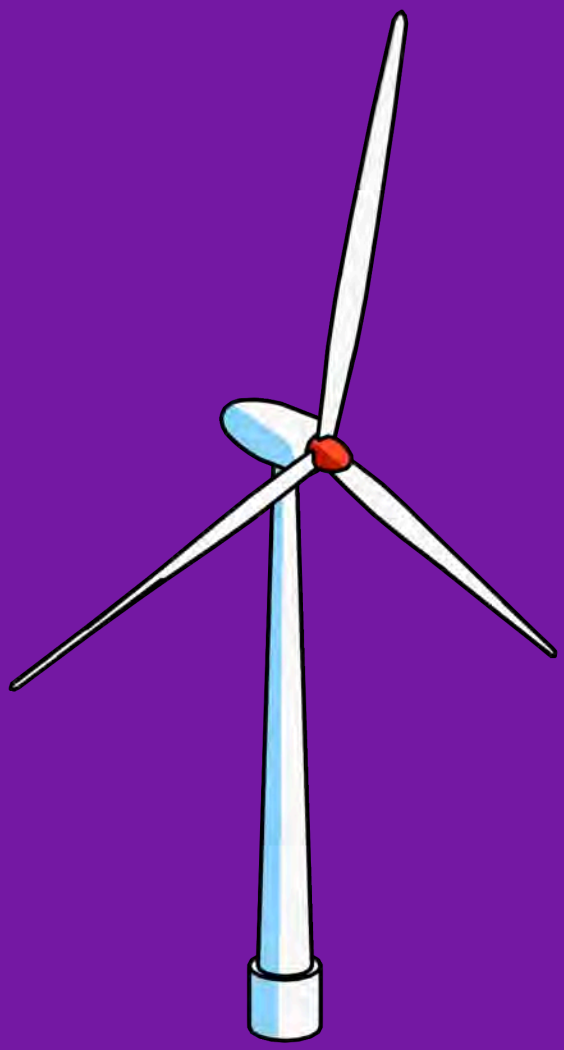
SWEEP

Speak with an expert

Sweep can help your build resilience against a volatile future, turning data into action.

Book a demo →





SWEEP

The leading sustainability data management platform.

sweep.net

Book a demo →