Enhancing the resilience of your real estate assets

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Deepki, leading the way in ESG for real estate owners and accelerating transition towards net zero and sustainability.
A collaborative ESG SaaS platform...

Using AI-driven, automatic data collection, Deepki Ready™ aggregates your ESG data in a central place, projects performance, forecasts capital expenditures and streamlines compliance reporting to manage your asset portfolio moving forward.
… And a tailored advisory service

We transform insights into bespoke meaningful material to help your decision making

30+ ESG and Carbon specialists working on ESG & Real estate topics

We anticipate ESG trends before they impact your business

Deepki Advisory™

ESG advisory throughout the full Real Estate Value Chain

Deepki Resilience
ESG Strategy
Build and manage your ESG commitments with confidence thanks to a tangible ESG plan.

ESG Reporting
Increase the confidence of your stakeholders through improved communication, reporting and transparency.

ESG Compliance
Manage your regulatory and corporate ESG commitments.

Carbon Pathway
Increase the value of your business by being one step ahead of your performance.
Our customers are our best ambassadors
Leaders in Real Estate Sustainability

1. Team 100% dedicated to making you succeed

2. 250+ Satisfied clients who continue to work with us

3. 38+ Countries where we operate

4. 400M+ sqm monitored

5. 5 Offices (France, Spain, Italy, UK and Germany)

6. 180K teqCO₂ savings detected
We help the Real Estate market to commit in the long-term
Real Estate risks regarding climate change: from performance to resilience

**Asset Performance**
Report and compare assets with objective criteria like location and type.

**Net-zero pathway**
Track and trace your CAPEX to achieve the net-zero objectives

**Climate Resilience**
Evaluate your asset exposures to climate change in 2030-2050 and assess the mitigation cost.
How do Asset Managers assess their risks?

Two main dimensions

1. Risk Exposure
   - Evaluation of exposure to climate risks
     - Geographical standpoint
   - Physical Risk
   - Financial Risk

2. Vulnerability
   - Deeper analysis on the potential impact of specific (top) risks
     - Building/Asset standpoint
Deepki’s climate assessment tools:

Objective

- **Analyse how your portfolio** is exposed to major climate risks to:
  - Enable potential **diversification arbitrages**
  - Define an action plan on major common risk
- **Identify the most exposed assets** to define a specific action plan

Perimeter and scenario

- Geographical area: **Europe**
- Granularity: **10km² Climate Data Store datasets – JRC Catalogue**
- Projection: **2050 EU carbon neutrality target**
- Scenario: **RCP 4.5 Intermediate scenario described by the IPCC**

Risks currently assessed:

- Heatwaves
- Landslides
- Precipitations
- Floods
- Droughts
- Wildfires
- Sea level Rise
- Earthquakes
Climate risk exposure

Risk exposure at the asset level

Comparison at the portfolio level
Combining questionnaire and modelization

### Around the asset/close environment
- Describe the asset's urban area
- Is there a source of water (river, canal, lake, etc.) close to the asset?
- Are there trees within the asset's direct environment?
- Is the building surrounded by vegetation?
- Does the building have vegetated areas?
- What is the glass surface proportion of the building?
- Does the building benefit from solar massing?
- What is the sun exposure/building orientation? Multiple choice
- Describe the color of the materials of the building
- How many floors are there in the building?
- Which are the asset's main construction materials?
- Does the asset have any shared walls with other buildings?
- Was the asset built based on bioclimatic architecture principles?
- Is the building insulated?

### Occupant(s) of the building
- What is the main activity of the occupants (offices, retail, residential, health services, etc.)?
- Additional information regarding the typical occupation of the asset.
- Are the occupants more likely to be adversely affected by heat waves?
- Is the occupant's activity water-dependent?
- What is the minimum temperature accepted by the tenant?
- What is the maximum temperature accepted by the tenant?

### Cooling and ventilation equipment
- Is the asset equipped with a cooling system?
- In the past, have heat waves ever resulted in cooling overconsumption?
Vulnerability
How to eventually estimate the financial risk?
Example of the **heatwave** risk for a portfolio of medium-size offices in France

- Simulate indoor temperatures during a heatwave
- Transpose into inoccupation ratio

Evaluate shortfalls vs retrofit CAPEX for risk mitigation
Impact on valuation?
→ Estimate the insurance cost?
Thanks!

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