

1. INTRODUCTION

The ESG Data Cartography is the **first** mapping proposition of **all** conventional and alternative entities (**ESG data providers, specialized providers, startups, open-source platform, NGOs, ...**) having relevant data for dealing with **main green and sustainable finance use cases**. It is composed of two main sections based on an underlying dataset of information about them.

It is a **free tool** accessible to everyone, under **continuous development** and **dynamically updated** by the data providers. Any feedback shall be sent to thibaud.barreau@institutlouisbachelier.org.

This project was developed by the [Institut Louis Bachelier Datalab](#) and the research program [Green and Sustainable Finance \(GSF\)](#), within the [Pladifes](#) project, financed by the [French National Agency of Research \(ANR\)](#). This tool can be complemented by the [French research map on green and sustainable finance](#), a cartography of the research actors in this field.

2. CONTENT

2.1 ESG data providers visualization by use cases

This “**packed bubbles**” plot is an interactive way look for the relevant data providers by focusing on a **single use case**, with potentially multiple level of detail. For each use case/sub use case, a **quick definition is available below the chart**.

Click on a data provider to be redirected to its page, giving you a **standardized overview** of their solutions

For some use cases, there are too many entities (when above 30 providers), resulting in name display issues. Hover your mouse above the empty bubble to see the associated name or use the table for smoother research.

2.2 ESG data providers summary table

This interactive table allows everyone access to all the providers in the database. For user-friendly reasons, only four kinds of information are available (and **searchable**) in the table:

- **Data provider:** the name of the entity, with eventually the acronym and/or the parent company (for subsidiaries). It is clickable and redirects the provider page.
- **Provider type:** the type of provider, among a predefined list.
- **Associated use cases:** the list of use cases that the entity has data related to.
- **Accessibility:** providers’ data can be **proprietary/partially free/free/open source**.

3. FOR DATA PROVIDERS ONLY

The tool is based on the providers’ answers to a **survey** (available [here](#)) and/or information from their websites. Please contact us to be **added to the cartography** or to **request access to the tool** to keep your content up to date.

When providing content updates, please respect the predefined categories regarding the *provider types*, the available *use cases* and the *accessibility* of the data. All contributions and/or involvement in the sharing of this tool are highly valuable. The utility and usability of this tool depends on you!

ILB ESG DATA CARTOGRAPHY

4. CURRENT LIST OF USE CASES

Alignment

- Climate Alignment
 - Commitments
 - Country, Corporate and Intermediary-level Targets
 - Metrics
 - Implied Temperature Rise
 - Overshoot
 - Other Metrics
- EU Taxonomy
 - Eligibility
 - 6 objectives
 - DNSH
 - 6 objectives
 - Minimum Social Safety Guard
- Macro Scenarios

Impact

- Environmental Impact
 - Climate Change Adaptation and Mitigation
 - Circular Economy Transition
 - Water Impact
 - Freshwater and Marine Ecosystems
 - Pollution
 - Air, Land and Water Pollution
 - Nature
 - Species and Ecosystems
- Social Impact
 - Employment
 - Workers/Labour
 - Gender, race, training, disabilities, working conditions and rythm
 - Impact on consumers
 - Impact on communities
 - Basic human needs accesses
- SDGs Contribution
 - 17 SDGs possible
 - Unprecised
 - All

Governance

- Shareholder's Engagement
- Social Safeguards
- Business Ethics
 - Anti-competitive Practices
 - Corruption and Instability
 - Financial Transparency
 - Tax Transparency
 - Product Liability
 - Minimum Social Safeguards
- Corporate Governance
 - Remuneration
 - Board Composition
 - Shareholder Rights
 - Stakeholder Dialogue
 - Accounting Transparency

Risk

- Physical Risk
 - Chronic Risk
 - Temperature Rise
 - Sea-level Rise
 - Biodiversity Loss
 - Ocean Acidification
 - Arable Land
 - Scarce Resources
 - Biodiversity Dependency
 - Ecosystem Health
 - Water Supply
 - Acute Risk
 - Heatwaves
 - Tornados/Hurricanes
 - Floods
 - Oil spill
 - Wildfires
 - Tsunamis
- Transition Risk
- Climate Stress Tests
- Legal/liabilities Risk
- ESG Risk Assessment

Sustainability tools

- Sustainability Rating
 - Corporate Rating
 - Best-in-class
 - Best-in-universe
 - Best-effort
 - Country rating
- Footprints
 - Carbon Footprint
 - Scope 1, 2, 3 and 4 (avoided)
 - Carbon Credits
 - Forest Footprint
 - Deforestation and Reforestation
 - Water Footprint
 - Water use and consumption
 - Nature Footprint
 - Land Use
 - Resource and Water Exploitation
 - Threatened Species and Ecosystems
 - Invasive Species
 - Pollution Footprint
 - Air, Water and Soil Pollution
 - Waste Generation (Toxic and Nuclear)
 - Anti-pollution Practices
- Reporting
 - PAI, TCFD, CSRD and others
- Controversies
 - Environmental, Social and Governance
 - Real Time Controversies
 - Static/Sectorial
- Sustainable finance products
 - ESG Bonds
 - Green, Social and Sustainability
 - ESG Loans
 - Green, Social and Sustainability
 - Securitized Products
 - Green Asset Backed Securities
 - Impact finance
 - Social and Development Impact Bonds
 - Environmental Impact Bonds
 - ESG Indexes
 - Exclusion based, Themed, impact based and other ESG indexes