

# The Global Biodiversity Score (GBS)

MEASURE AND MONITOR YOUR BIODIVERSITY IMPACTS

A quantitative approach to assess the impacts of economic activities on biodiversity, aligned with reporting frameworks and integrated into a global multi-metric assessment strategy for the organization, helping companies, financial institutions and public authorities to align with global targets and, in the end, to bend the curve of the erosion of biodiversity

## The GBS in one glance

Footprinting tool	Widely used	MSA	Transparency	Compliance	Community-based
Measuring impacts & dependencies on biodiversity across the value chain	By companies, financial institutions, consultancies, public administrations worldwide	Single well known aggregated metric: MSA (Mean Species Abundance)	A transparent, robust, peer-reviewed and published methodology, Opensource version	Aligned with the international framework and EU regulation: GBF, CSRD, TNFD, GRI, SBTN	A tool developed accounting for the needs of a community of users, thanks to the B4B+ Club

### What is the GBS?

The Global Biodiversity Score allows organizations to **measure their impacts and dependencies on biodiversity**, across their **entire value chain, based on ACTIVITY DATA\***.

Impacts calculated are expressed in a single metric: the **MSA**

The GBS's strength lies in its **SCIENTIFIC APPROACH**. CDC Biodiversité is committed to **transparency**, through an **opensource version** of the tool, **regular technical updates** and a **published methodology**, while also ensuring **scientific robustness**, thanks to peer review processes.

**\*A wide range of data can be used:**

- € of turnover or purchase
- Tonnes of processed products
- Tonnes of raw materials used
- GHG emissions
- Water consumption in m3 or chemical substances
- Land occupation in ha



### MSA Mean Species Abundance

MSA provides evaluation on the **STATE & CONDITION** of the **ECOSYSTEM**, on a scale from 0 – from a completely degraded area - to 100%, for a pristine one:



The MSA was developed by the Netherlands Environmental Assessment Agency (PBL) as part of the Global Biodiversity Model for Policy Support (GLOBIO)  
The MSA is **mentioned as an indicator for the Goal A** from the GBF and the **TNFD framework**.

**Just like distance can be measured in meters, the IMPACTS are expressed with the METRIC: MSA.km² (Mean Species Abundance combined with the surface occupied)**

**The MSA in context:**

A complete biodiversity assessment should cover specific facet of biodiversity: i.e. genes, species, key biodiversity area etc.  
Specific metrics to capture all the complexity of biodiversity as well as a qualitative study also need to be incorporated in the assessment to get comprehensive study

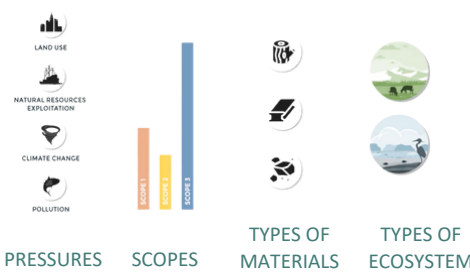
### Pledge for MSA

**Position paper:** inclusion of MSA and MSA.Km² as **core disclosure metric** in the **TNFD** framework, available [here](#)

### What about the results?

A comprehensive view of impacts & dependencies for a **THOROUGH ANALYSIS ACROSS THE ENTIRE VALUE CHAIN**

**RESULTS BY:**



**TEMPORALITY OF IMPACTS:** for a better consideration and understanding of the impacts, the GBS enables to distinguish the impacts occurring during the period assessed and those accumulated in the past



PAST IMPACTS



ADDITIONAL IMPACTS

**2 DEPENDENCY SCORES ON ECOSYSTEMS SERVICES** on which your organization relies:

- an average score
- a critical score which is more precise



### For what purpose?

#### DIAGNOSE

- Identify your biodiversity-related stakes
- Understand how your company impacts biodiversity and depends on it
- Assess your nature related risks and opportunities

#### ASSESS

- Map your company's impacts and dependencies across its value chain
- Determine a baseline for future action and target-setting

#### COMMIT

- Set company-level and pressure-specific targets
- Define a comprehensive transition plan

#### ACT

- Prioritize actions based on materiality assessment
- Set mid- & long-term trajectories
- Implement targeted reduction actions

#### MONITOR

- Track your company's progress towards the targets set
- Get an overview of your positive contributions to biodiversity

#### DISCLOSE

- Comply with CSRD requirements
- Align with the SBTN, GRI and TNFD frameworks

## Who can use the GBS?

### Multiple stakeholders unite around a common language



A panel of methodologies, tools and services adapted to the needs of **FINANCIAL INSTITUTIONS** has been developed, from biodiversity-related databases to tailor-made tools applicable at company or portfolio levels.



**COMPANIES** can use the GBS and our industry factsheets to assess their impacts, build action plans, define quantified targets and trajectories align with international frameworks and feed their reporting needs.

See industry factsheets [here](#)



The GBS can be used by **PUBLIC AUTHORITIES** to assess organizational and public service impacts as well as public policy or territorial impacts, and express results in a common language to bring coherence to public action

The GBS is much more than a simple reporting tool : it gives its users a comprehensive vision of their impacts and dependencies, allowing them to structure their long-term biodiversity strategy based on a holistic, science-based and reliable approach.

## What could our collaboration look like?

### Get support on your biodiversity journey, whether you are a company, financial institution, or public authority

Quantify your **impacts and dependencies** on biodiversity throughout your value chain using the Global Biodiversity Score.

Assess the importance of biodiversity at each **location** in your value chain to identify your specific localized biodiversity challenges.

Set **targets, trajectories and action plans** to reduce your impacts, aligned with the Global Biodiversity Framework.

A flexible, tailored support throughout the process

Comply with relevant **regulations and reporting frameworks** (CSRD, TNFD, SBTN, GRI etc.) through a set of tailored solutions to meet your needs.

Understand your **nature-related risks** and integrate them into your **risk management processes**.

Define a **comprehensive biodiversity strategy**, aligning with your business strategies and international goals

### Join the B4B+ Club

#### The business for Positive Biodiversity Club

The B4B+ Club gathers over 50 companies, financial institutions and consultancies to **discuss and further explore how biodiversity footprint assessments** can guide their biodiversity strategy through **investment & management decisions**.

Join the B4B+ Club to be part of a **global ecosystem** of actor supporting developments and innovations in the biodiversity measure!

As a member, you'll have access to:

- Regular Club's **working groups**, ecosystem & expertise around biodiversity footprinting
- **Literature reviews**
- Case studies & an **innovative hub**
- **Technical support**: both individual & collective
- A **GBS licence**



#### Working groups:

**Stakeholder-based** working groups  
Consultants  
Financial institutions  
Corporates

**Theme-based** working groups  
Energy utilities  
Biodiversity credits  
Agriculture & agrifood

#### Biodiversity credits

- Get access to a mapping of **existing initiatives** and our **insights on key publications**, participate in key consultations & **think tanks** (BCA, WEF, IAPB...)
- **Shape the landscape** by developing an assessment grid to evaluate biodiversity credit standards
- Participate in biodiversity credit **pilot projects**

### Get trained

An offer ranging from large-scale awareness-raising to expert and certified training to become a GBS assessor

GBS assessor training pathway

- **Fundamentals** of Biodiversity footprint
- GBS Level 1: **Introduction** to the GBS tool
- GBS Level 2: **Mastering the GBS & performing a Biodiversity footprint assessment**
- Aligning finance with biodiversity goals
- **Sectorial module**: deep dive into the specificities of one sector
- Create a **specially tailored training module for your company**

Languages: English or French

Online or in-person (Paris)

## Our reference projects



**IN DEPTH-STUDY** & deployment of a methodology for the textile and leather industry



**ESTABLISHMENT OF A METHODOLOGY** for the development of a biodiversity fund

[Position paper link](#)



**COMPREHENSIVE TNFD REPORT** for a major French bank

## Contact us



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