

Country (Insert country of origin of your company / organization or its headquarters' location)

France

Submitting Organization/Company

Green Score Capital

If Organization or Company, please indicate the approximate number of employees

< 50

Please indicate the number of employees

16

Title of the action

Spatialized Biodiversity and carbon footprint

Upload your logo or an image



Relevant Website

www.greenscorecapital.com

Main Partners

Centric Software, IBM, Kaporal, Movitex, CIRAD

Other Partners

GilClaude, luxury brand confidential

Type of initiative

Private

Description of action

Our SaaS software combines companies data with external environmental data, of which space data, to assess their biodiversity and carbon footprints and those of their products where they are located. It proposes positive solutions and evaluate their financial impacts.

A complete analysis of all known impacts

Our software has 40 environmental indicators and represents the most comprehensive approach based on current scientific consensus on the 5 causes of biodiversity loss.

This global approach is very innovative because current evaluation methods designed for companies are product-based (such as life cycle analysis tools), reductive in the integration of impacts (such as carbon footprint).

We are therefore already including the indicators provided for in the future regulatory constraints, going beyond them.

A contextualization of impacts

The second scientific objective was to provide accuracy in the assessment by using data linked to the countries of production and manufacture. The contribution of satellite data was therefore obvious.

Indeed, current methods are not spatially resolved: that is to say where the importance of the impacts are not related to the sensitivity of the zone where they take place.

At the end of 2021, the arrival of Google on the analysis of the impacts of textile fibres with the support of satellite data confirms the interest of brands in better identifying their impacts.

Our positioning is now to position ourselves as the European alternative to Google, supported by French and European space players, the French National Centre of Space Studies and the European Space Agency and working with academic research such as the Centre for International Cooperation in Agricultural Research for Development and the Research Institute for Development.

A Decision support tool

This software is not only a quantitative impact assessment tool but it also helps the user in the decision process towards reducing the environmental impact. Indeed, the software models the effects of an action plan, to take into account all the possible impacts and their interactions and thus proposes individualized solutions to reduce the environmental impacts.

Here, the objective is a business objective by supporting the company from the design of its products by allowing it to identify areas for improvement to minimize the impact of its products even before they are put into production.

Type of action

Traceability & Transparency

Please select the specific area/s of the action

Norms and standards

Research and Development of Innovative Solutions

Business Management Systems or Instruments

Scope of the action, including a description of the value chain processes that are covered

Objective (max 200 words): Provide the biodiversity and carbon footprints of Apparel and footwear companies and their products to comply to the next regulations and solutions to improve their impacts

Commitments (max 200 words): Building a world with companies to whom we have given the means to act, to preserve a healthy and sustainable environment, for the entire Earth ecosystem and its biodiversity in a simple and accessible way.

Value Chain Scope: The entire value chain : from the procurement till the end of life of products

Timeframe and/or milestones for the action

Green Score Capital is participating in the French experiment on environmental textile labelling led by the Ministry of Ecological Transition and the General Commission for Sustainable Development.

We have been selected as an alternative method for assessing the environmental impacts of products including biodiversity.

At the end of September, we will submit our reports.

One of the next steps is to work with the government to provide regularly updated contextualised impact data for textiles so that each stakeholder has a more accurate view of the impacts.

We also work with space players to calculate new environmental indicators to enrich the database.

Reference instruments and sources used

ISO 14025 Environmental labels and declarations - Type III environmental declarations -Principles and procedures

ISO 14027 - Environmental labels and declarations – Development of product category rules

ISO 14040 - Environmental management – Life cycle assessment – Principles and framework

ISO 14044 - Environmental management – Life cycle assessment – Requirements and guidelines

PEFCR

Scientific and data sources:

IPBES, IUCN, USDA, Textile Exchange, Copernicus, WWF, FAO, CSIRO, ADEME, European Environment Agency ..

Expected benefits and impact for the stakeholders involved

Enhanced visibility of compliance with sustainability requirements by industry actors/partners along the entire value chain

Enhanced traceability of the social/environmental/ethical attributes of product(s)/materials along the value chain; for example, for origin, quality, sustainability performance, and compliance with health and safety requirements for consumers and workers

A measurable impact on sustainability in value chains

over time, eventually verified through life-cycle assessments and/or sustainability certifications

Enhanced environmental and socially responsible consumption and production, and circularity of the value chain, that may be relevant to and inspire other countries and industry actors/partners

Stakeholders involved

Business and industry associations

Investors/shareholders

Local authorities

Scientific and technological community

Key performance indicators for the action

Partnership with the leader of Product Lifecycle Management Software, Centric Software, a subsidiary of Dassault Systèmes Group, 4,500 brands in their portfolio

Partnership with IBM

Project selected by the French government

Project supported by the European Space Agency and the French National Centre for Space Studies

Partnerships with academic research the Centre for International Cooperation in Agricultural Research for Development and the Research Institute for Development.

Good practices

Our goal is to give an holistic and actionable view of the environmental impacts. This is what we have set up with Centric Software and some of their customers, below is an interview one of these customers, GilClaude.

<https://www.centricsoftware.com/fr/blogs/l'experience-de%E2%80%AFgilclaude-beta-testeur-du-partenariat-green-score-capital-centric%E2%80%AFsoftware-pour-une-mode-eco-responsable%E2%80%AF/>

How has this UNECE-UN/CEFACT Call to Action contributed to strategic engagement and/or public awareness in support of your commitment?

It hasn't so far, but we expect that it will raise the awareness of taking in account the issue of biodiversity in its global scope.

Link to relevant goal(s) and specific target(s) of the United Nations

