BIOTRAILS

Newsletter SPECIAL ISSUE

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I would like to extend my warmest thanks to all our newsletter readers for following and supporting the BIOTRAILS project throughout its journey. Your interest, curiosity, and engagement have played an important role in amplifying our work and strengthening the community around biodiversity, sustainability, and transformative change.

Through this newsletter, we have had the opportunity to share insights, tools, and perspectives developed across the project's diverse activities—from methodological innovations to case study findings and collaborative processes. Your continued attention has helped keep this dialogue alive and meaningful.

Thank you for being part of this shared effort. We hope the knowledge and resources we have built together will continue to inspire action and support more sustainable pathways in the future.

In this latest edition the main results have been summarized.

Visit our website for more information about the project!
www.biotrailsproject.eu

Raffaele Giordano

Project Coordinator

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01 The final event

The event took place in Rome on 27 November. It offered an overview of the project's progress, presenting key results, methodological innovations, and impacts, followed by a constructive exchange among partners. Institutional contributions and networking enriched the day, highlighting the project's relevance within European sustainability policies.

A discussion on the project's legacy and its synergies with sister initiatives, including a collaborative policy brief activity has occurred. Case studies shared practical insights and lessons learned. The day concluded with collective reflections, emphasising the importance of interdisciplinary dialogue and collaboration in driving transformative change.

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02 The Learning Platform

The BIOTRAILS Learning Platform is an online space that brings together researchers, policymakers, and professionals to facilitate learning, dialogue, and collaboration across the aquaculture, cocoa, forest-based cultural products, and gold value chains.

The platform offers training materials, forums, events, and technical resources that support informed, biodiversity-positive decision-making.

It will remain active beyond the duration of the project and continue to grow as a community hub.

https://laas.biotrailsproject.eu/
or scan the QR code

SCAN ME

ESP
Ecosystem Services Partnership

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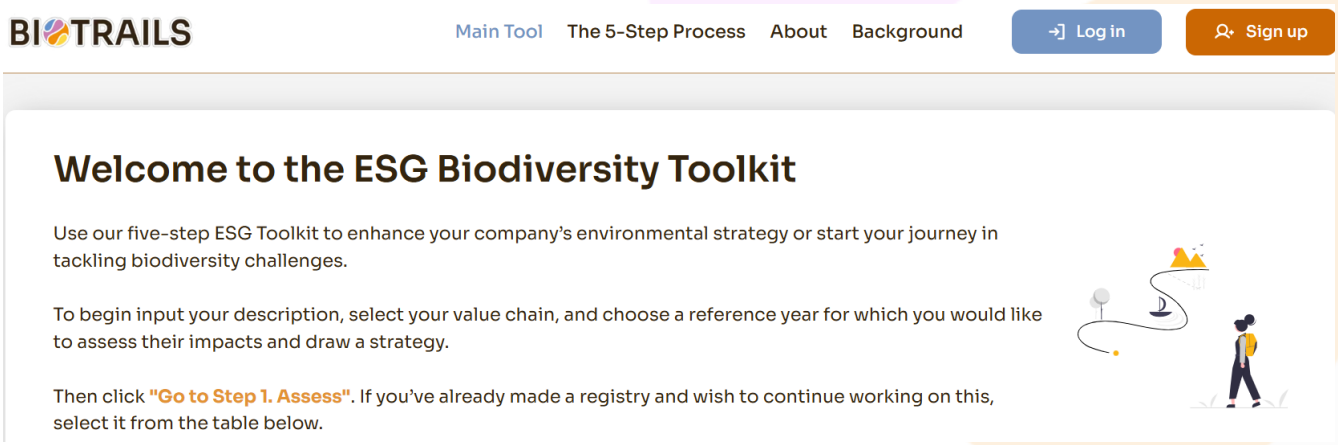
03 The ESG Biodiversity Toolkit

The ESG Biodiversity Toolkit is a practical tool designed for sectors with significant impacts on biodiversity, such as cocoa, fisheries/aquaculture, and gold.

It helps companies identify, assess, and report biodiversity-related risks and impacts in line with CSRD, ESRS, and TNFD.

The toolkit provides automated calculations, quantitative results, and a structured approach (SBTN 5-step) to set targets and improve sustainability management along the value chain.



Available at:
https://biotrails-esg-toolkit.eu/tool
or scan the QR Code

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04 The Serious Game

The BIOTRAILS Serious Game is an interactive digital tool that shows citizens how everyday consumption choices affect biodiversity.

It has demonstrated a strong impact on awareness and intentions toward sustainable behaviour, with over 80% of players reporting that they learned something new.

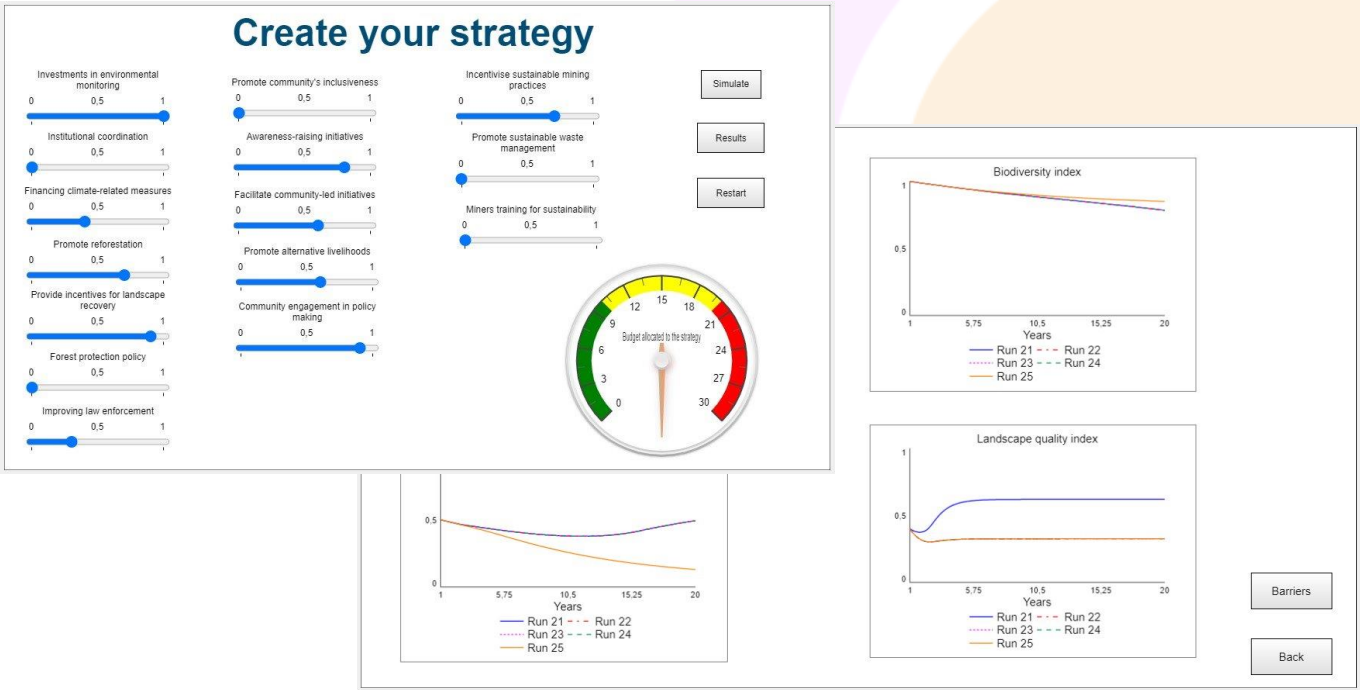
The game can be adapted to different value chains and is designed for use in schools, cities, and sustainability initiatives.

Available at: https://biotrails-serious-game.eu/
or

05 The Participatory System Dynamic Model

The PSDM framework translates the complexity of the Biodiversity–Climate–Society Nexus into dynamic scenarios that help identify high-impact leverage points for change. Co-designed with stakeholders, it integrates qualitative knowledge and quantitative analysis to simulate policies, understand unintended effects, and identify truly transformative pathways.

It has been essential for building the scenarios of the four BIOTRAILS value chains and will continue to evolve into a more accessible digital platform.



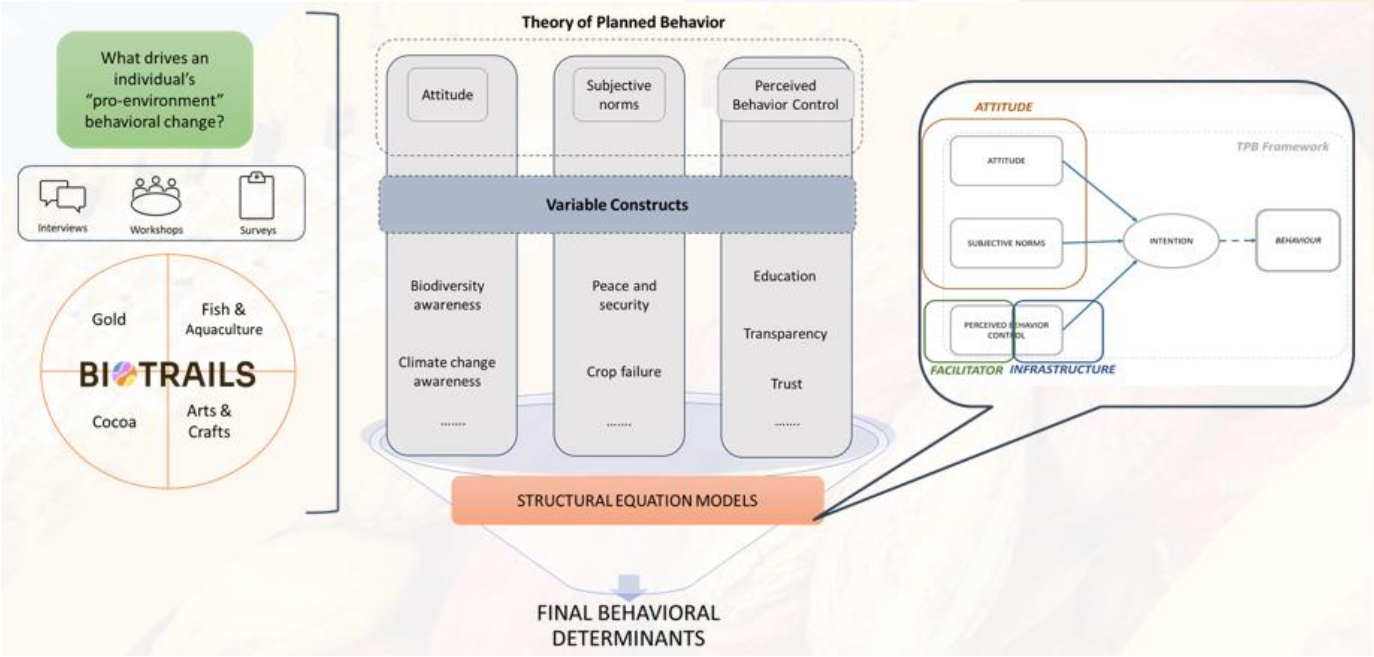
Read more:
https://biotrailsproject.eu/resources/public-deliverables/

06 The Structural Equation Modelling

The SEM framework makes it possible to understand stakeholders' perceptions, norms, and attitudes along the value chains, revealing direct and indirect causal relationships that are difficult to measure.

This co-designed methodology promotes awareness, transformative thinking, and the creation of communities of practice.

Its results feed into the project's transformative change scenarios and strengthen the understanding of the socio-ecological factors that influence biodiversity.



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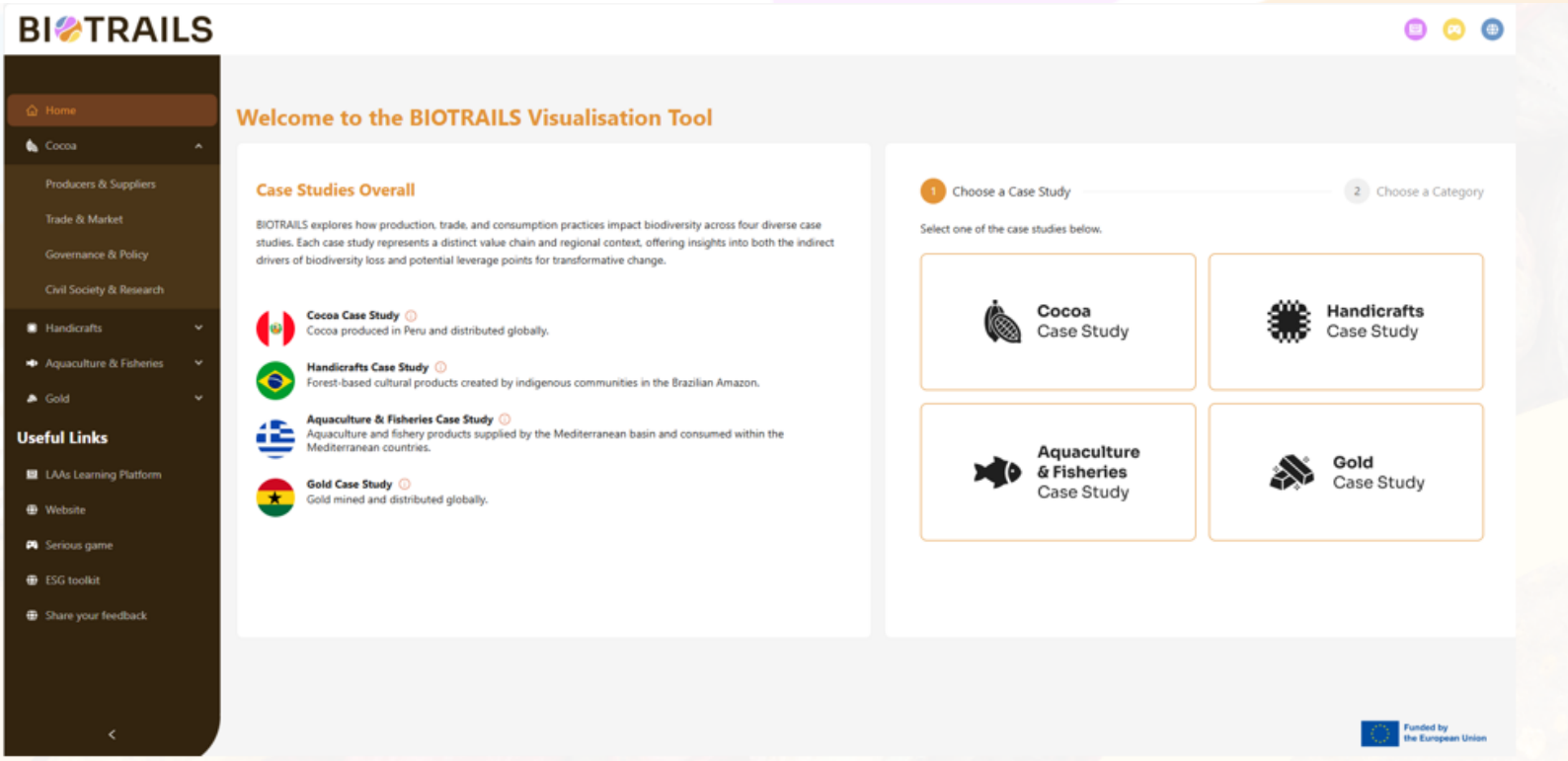
07 The Visualisation Tool

The Visualisation Tool is an open-access dashboard that makes BIOTRAILS model results intuitive through maps, charts, and time series.

It allows users to explore alternative scenarios, compare climate and production/consumption impacts, and test “what-if” options to support more informed decision-making. Connected to the Policy Simulator, it serves as a bridge between science, policy, and practice, fostering dialogue and collaboration toward more sustainable value chains.



Available at:
https://biotrails.ebosrndportal.com/

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