



LITTLE BLUE RESEARCH CASE STUDY

Supply chain biodiversity assessment

Client: Stora Enso

Client size: 20,000+ employees

Little Blue Research, with the support of globalbalance, helped Stora Enso undertake a biodiversity screening and prioritisation assessment aligning with the beta version of the Taskforce on Nature-related Financial Disclosures (TNFD) Framework. This project was undertaken to develop a high-level understanding of nature related risks and opportunities across the Biomaterials Division.

Service: Business resilience: risk & impact analysis

Capital: NATURAL

Assessment location: Global

In partnership with:

globalbalance

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Case study details

Client need

Stora Enso required technical support to develop a high-level understanding of its impacts and dependencies on biodiversity (and nature-related risks and opportunities) associated with its Biomaterials Division pulp mill operations and supply chain. The assessment included consideration of the rapidly evolving landscape of biodiversity disclosure, target-setting and measurement. A high-level review of priority nature-related risks was undertaken, and the initial stages of the Taskforce on Nature-related Financial Disclosure (TNFD) LEAP Approach were piloted. This resulted in the identification of data gaps and recommendations for Stora Enso to consider in the development of its approach to the management of biodiversity in the non-wood supply chain and the implementation of the TNFD Framework. In addition, a qualitative assessment model was developed to facilitate the implementation of the approach across other Stora Enso divisions.

The challenge

- Providing a broad understanding of emerging integrated nature-related risks and opportunities and how these relate to Stora Enso.
- Sourcing supplier data relating to production locations and the management and/or mitigation of biodiversity impacts.
- Using proxy data in place of limited available data to prioritise risks and opportunities and recommended next steps across business activities undertaken by the Biomaterials Division.
- Developing a qualitative assessment model for non-specialists to enable other Stora Enso Divisions to undertake the first steps of their own biodiversity assessment process.
- Integrating six global datasets across 23 countries to establish high level risks and opportunities.



Outputs and results

- ✓ High-level outputs from piloting the initial stages of the LEAP approach, and overview of priority nature-related risks and opportunities of the Biomaterials Division.
- ✓ Identified data gaps to address and improve the prioritisation of potential biodiversity risks and opportunities.
- ✓ Recommended next steps to further implement the LEAP approach, in preparation for the proposed disclosures of the TNFD framework and to further mitigate and/or realise nature-based risks and opportunities.
- ✓ A qualitative assessment model for use by other Stora Enso divisions to start considering biodiversity and nature-related impacts and dependencies across the value chain.

What happened next

Stora Enso took forward several recommended next steps and extended the initial project to explore how gaps in supplier data (locations and nature-based impacts and dependencies) could be addressed for the chemicals supply chain.



The team at Little Blue Research were instrumental in helping us understand how the division could approach the TNFD framework and gave us the tools we needed to scale our approach across the organisation”

Carem Zanardo, Sustainability Manager, Biomaterials Division



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