

The challenge for companies

Companies are increasingly in need of detailed information on global sustainability impacts related to their products and services. Using the Industrial Ecology Virtual Laboratory (<https://ielab.info>), we account for complex global supply chains, including tiers, sectors and regions for various quantitative sustainability indicators.



Analysing Hotspots of Global Supply Chains

We have developed a novel approach to understand better the sustainability performance of products and their hotspots in companies' global supply chains, to empower management to better prioritize actions and more effectively manage global impacts.

The tool we developed allows the analysis of selected impact indicators for global supply chains of products, projects or organizations.

Identifying and improving sustainability drivers

We provide detailed insights into sustainability indicators, such as greenhouse gas emissions, within organisations and beyond and build the basis for future scenarios modelling.

The multi-regional input-output model proved to be an effective method that enables the analysis of typical supply chains with rather little effort.

Whilst not exactly reflecting the actual supply chains of individual companies, pragmatic actions can be taken based on this type of hotspot analysis in order to improve companies' sustainability performance and to initiate stakeholder engagement.

