Guiding decarbonization efforts with integrated sustainability metrics

4th of July 2024 | Session 13 – Climate Change

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SimaPro | PRé

LCIC 2024 by FSLCI

Rising demand for environmental data

Intrinsic motivation to reduce footprints
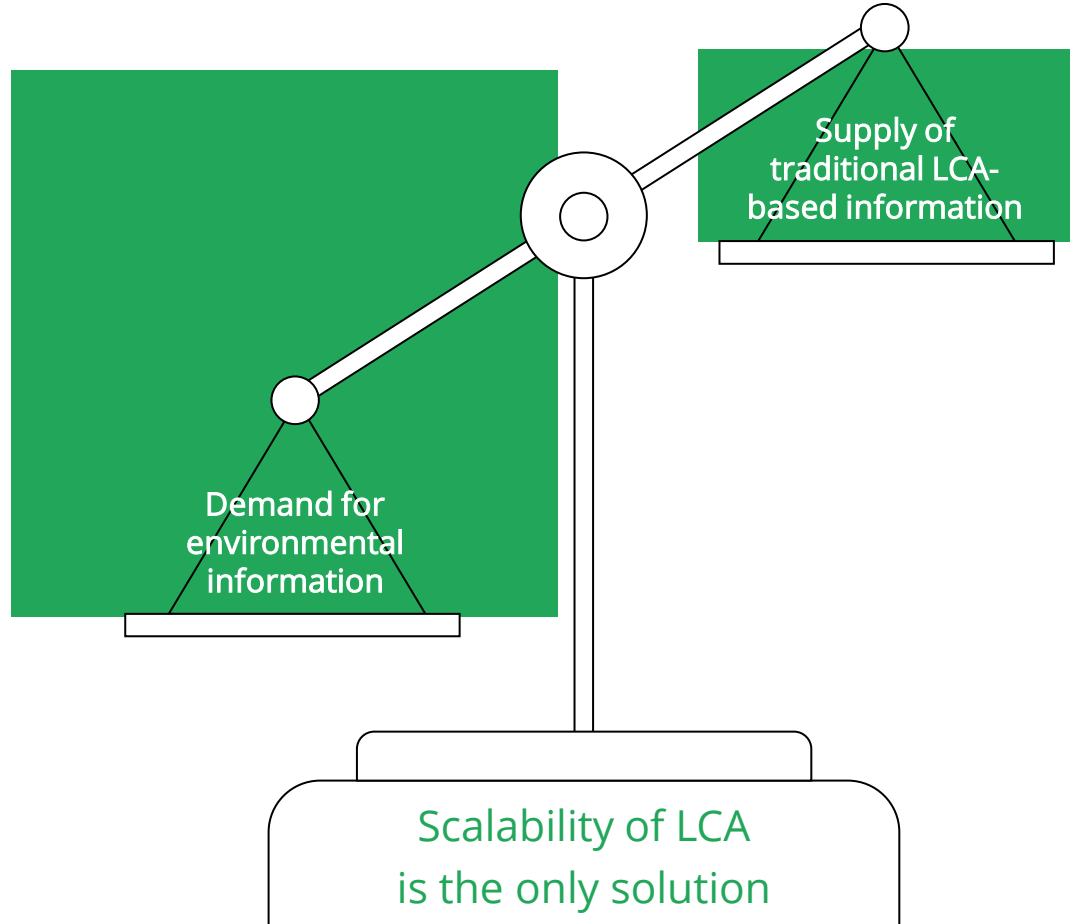
Changing customer preferences

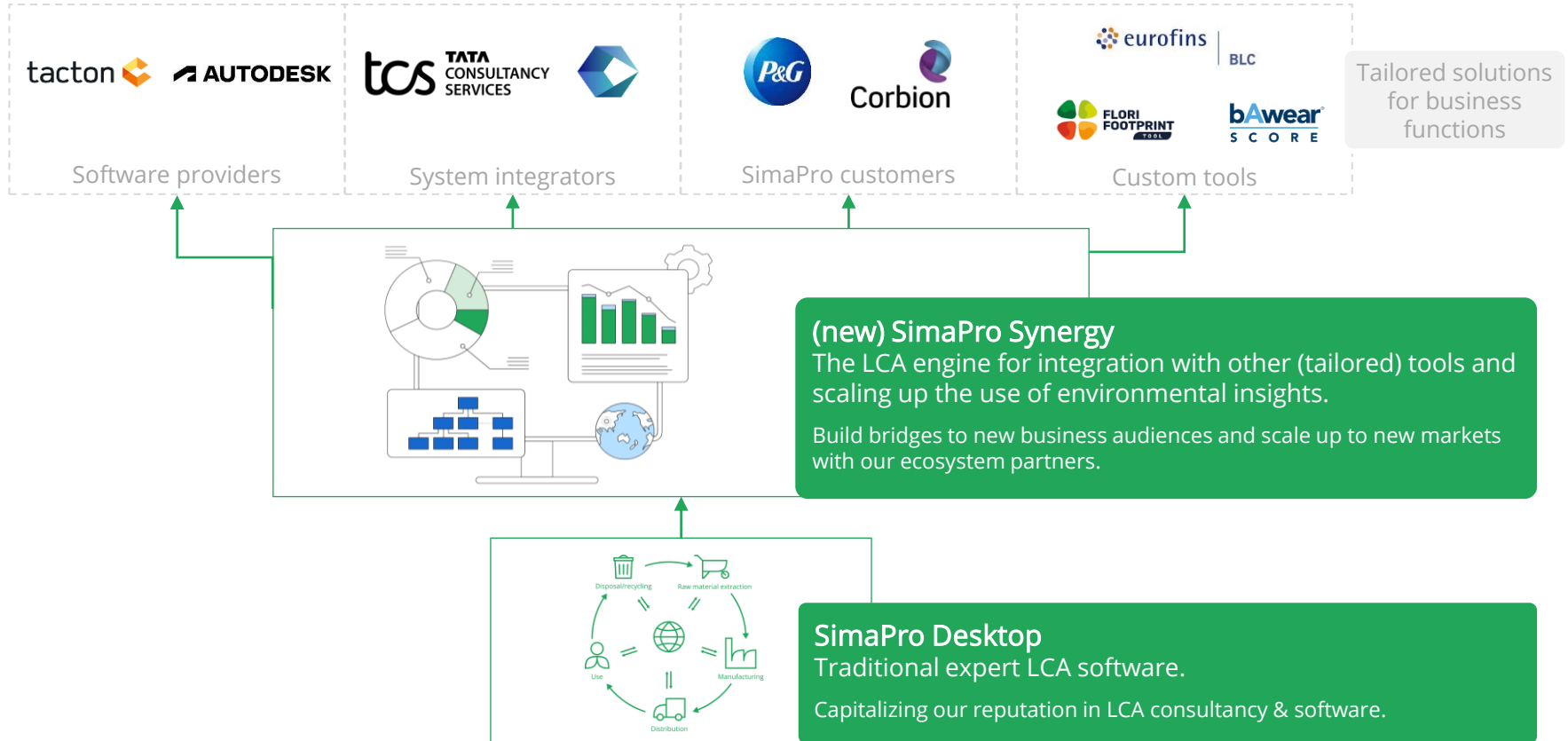Pressure from retailers, supply chain partners, investors

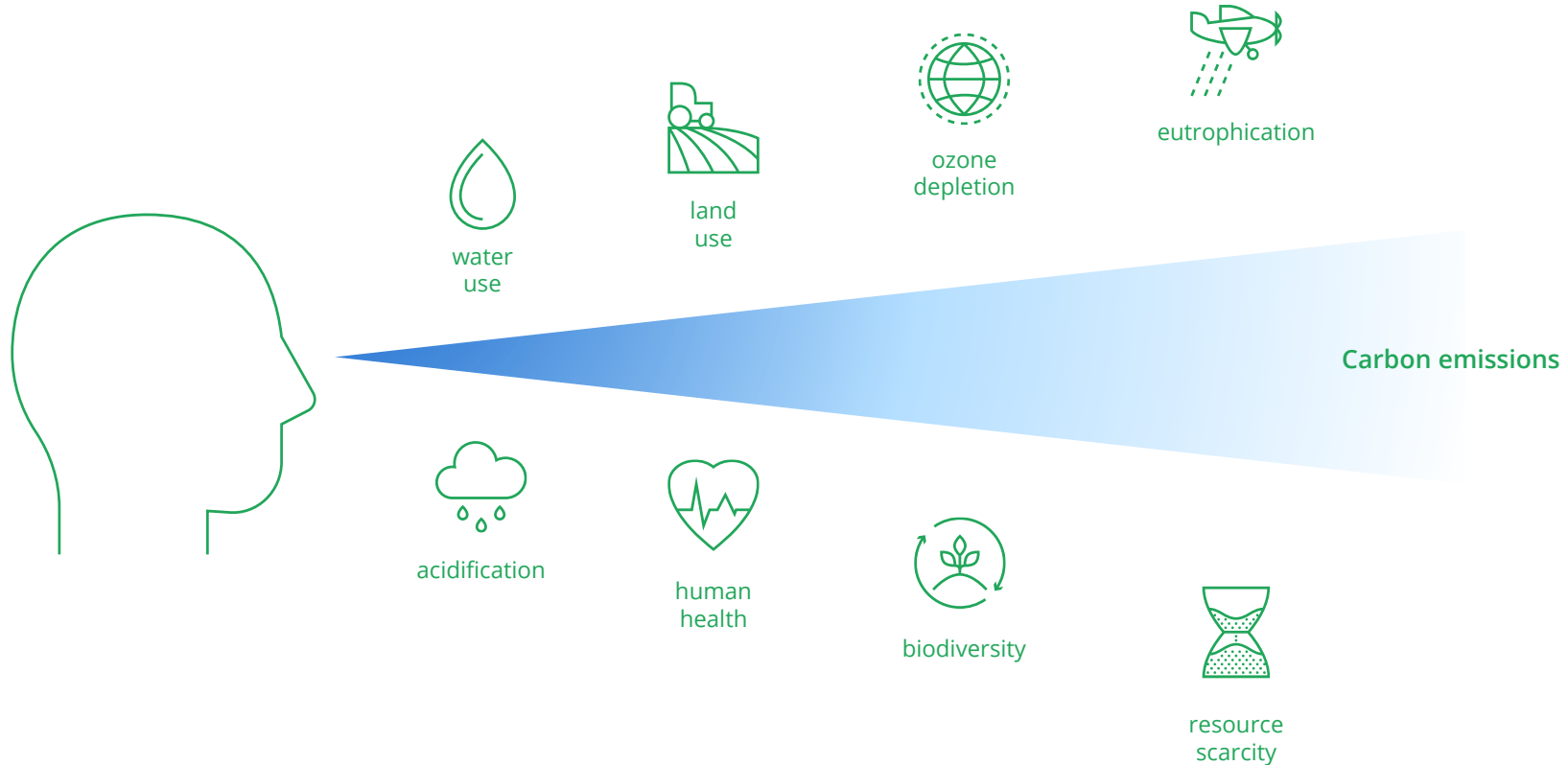New local and international regulations to comply with

We must act on a larger scale to meet this demand

Integrate sustainability into decision-making

Software providers

tacton · AUTODESK

System integrators

tcs TATA CONSULTANCY SERVICES

SimaPro customers

P&G · Corbion

Custom tools

eurofins | BLC

FLORI FOOTPRINT TOOL · bAwear SCORE

Tailored solutions for business functions

(new) SimaPro Synergy
The LCA engine for integration with other (tailored) tools and scaling up the use of environmental insights.

Build bridges to new business audiences and scale up to new markets with our ecosystem partners.

SimaPro Desktop
Traditional expert LCA software.

Capitalizing our reputation in LCA consultancy & software.

Sustainability goes beyond carbon emissions

water
use

land
use

ozone
depletion

eutrophication

Carbon emissions

acidification

human
health

biodiversity

resource
scarcity

Flexible, scalable and transparent LCA to guide decarbonization efforts

Flexible

Seamless integration with different software or systems. You get full control over which data is used as input and what the output looks like.

Scalable

Automate LCA to cover entire product portfolios and move from one-off product LCAs to comprehensive portfolio assessments efficiently.
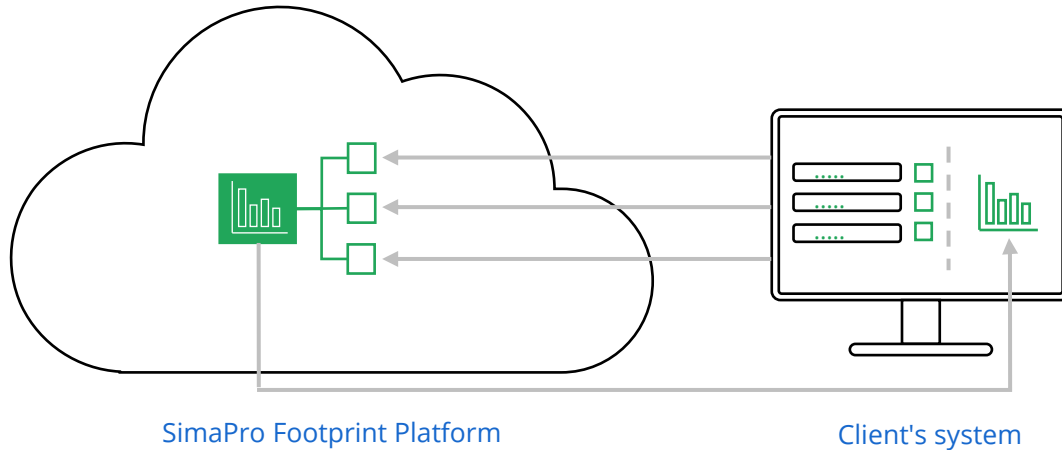
Transparent

Understand what affects a product's environmental impact with clear calculation breakdowns, and easily identify improvement opportunities.

Flexibility in system integrations for input data

The LCA model as a starting point.
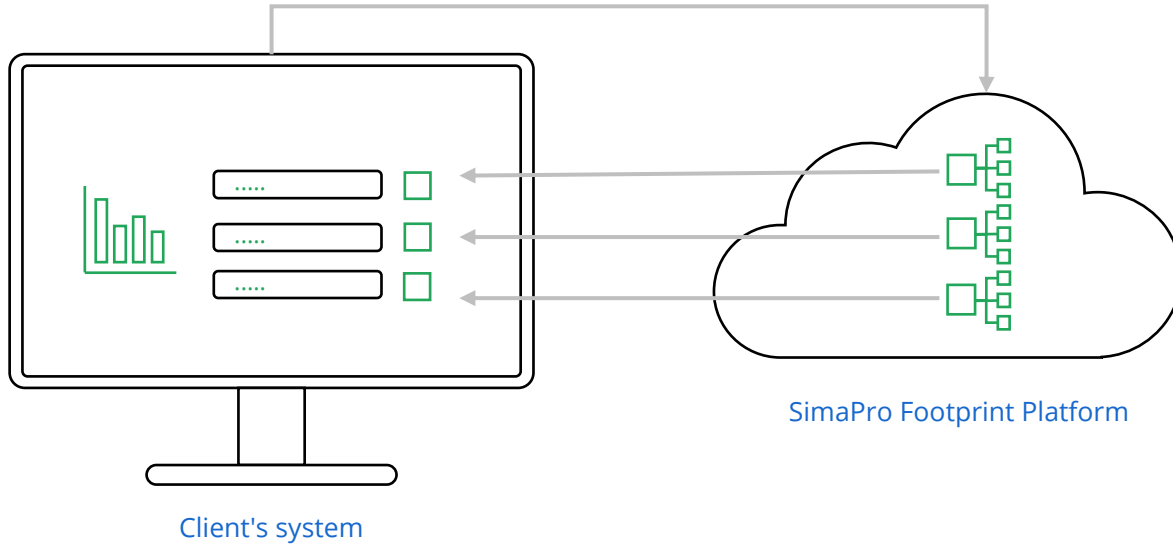

SimaPro Footprint Platform

Client's system

- We create one or more custom-build LCA models that represent your product or entire product portfolio.

- Input data can come from any software or system.
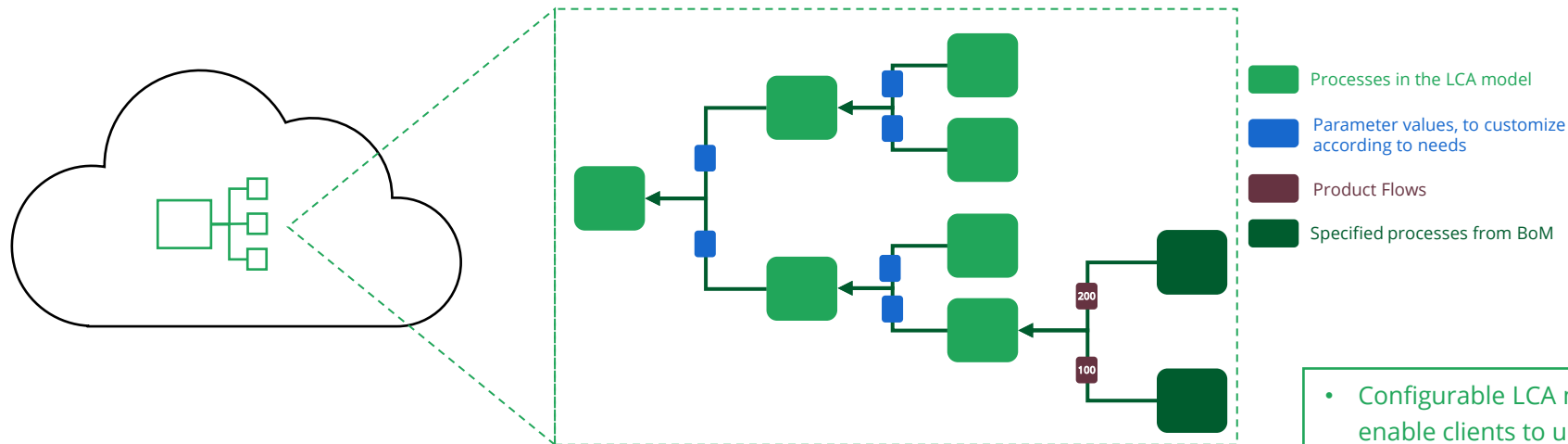
Flexibility in system integrations for input data

The client's system as a starting point.

Client's system

SimaPro Footprint Platform

- Enrich the client's systems or application with life cycle impact assessment (LCIA) data.

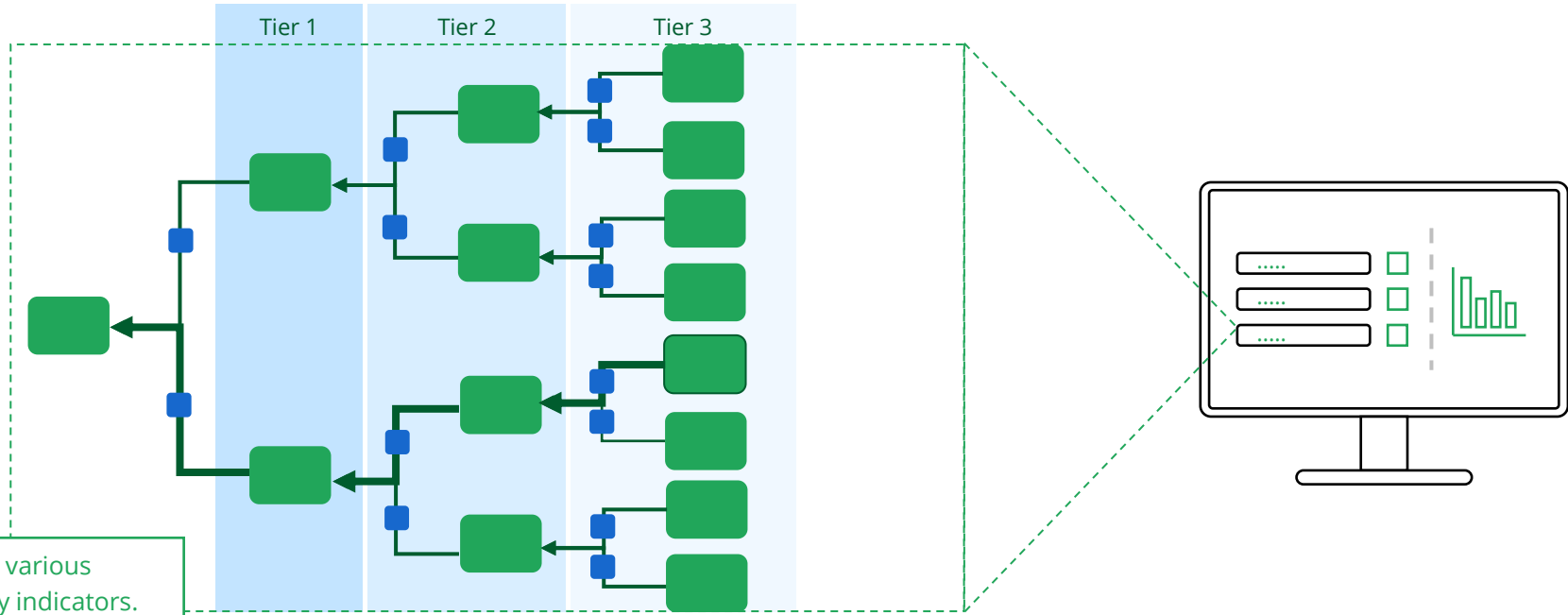- Input data can come from any software or system.

- System integration via API.

Scalable calculation of tailored LCA models

- Processes in the LCA model
- Parameter values, to customize according to needs
- Product Flows
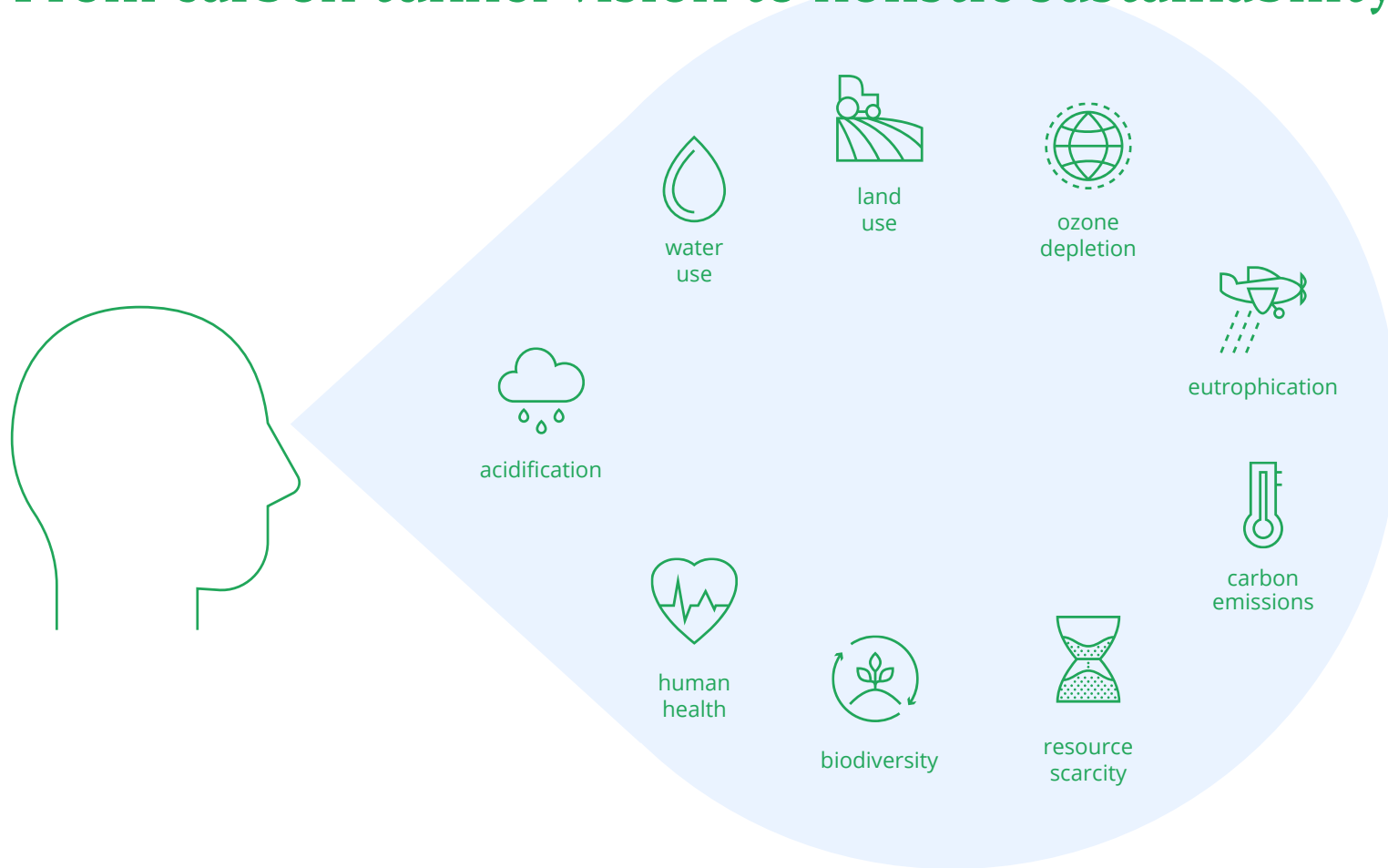- Specified processes from BoM

200

100

- Configurable LCA models enable clients to update their input data regularly.

- Processes and parameters can be specified to make the model specific to each product.

Transparent results as detailed as you need them

Tier 1   Tier 2   Tier 3

- Insights into various sustainability indicators.

- Real-time or batched retrieval of results with different depth-levels (tiers).

From carbon tunnel vision to holistic sustainability view

Curious to hear your questions!

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