



TRANSPARENCY AT SCALE ENABLING DECARBONIZATION WITH AUTOMATED LCA

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ETH Zentrum Campus

BUILDING TRUST



WHAT WE STAND FOR

SIKA'S POSITIONING



BUILDING TRUST BEYOND THE EXPECTED
Sika is a **specialty chemicals company** with a leading position in the development and production of systems and products for sealing, bonding, damping, reinforcing, and protecting in the **building sector and industrial manufacturing.**

SIKA AT A GLANCE

33,700 EMPLOYEES
103 COUNTRIES
400+ FACTORIES WORLDWIDE

7 NEW/EXPANDED FACTORIES IN 2025
121 NEW PATENTS IN 2025
6 ACQUISITIONS IN 2025
11.2 BN NET SALES IN 2025 (IN CHF)

PRODUCT SUSTAINABILITY JOURNEY

INCREASING DEMAND FOR MANUFACTURERS

Green Building Programs

Increased preference by investors of larger or public projects or financed through green / world bank funding for building certifications.

Quality seals / certifications enable better financing options.



Regulation & Public Policy

- Countries setting national CO₂ caps/policies for building emissions (e.g. DK, UK, NL, FR, FI)
- Europe: Energy Performance of Building Directive (EPBD) requiring the calculation of the environmental impact of the buildings
- Europe: Construction Products Regulation (CPR) with mandatory environmental performance data
- China: Building Materials Federation develops CO₂ labelling and EPD* standards
- US: Buy Clean policies in place in many states or cities requiring EPDs

Corporate Sustainability Goals

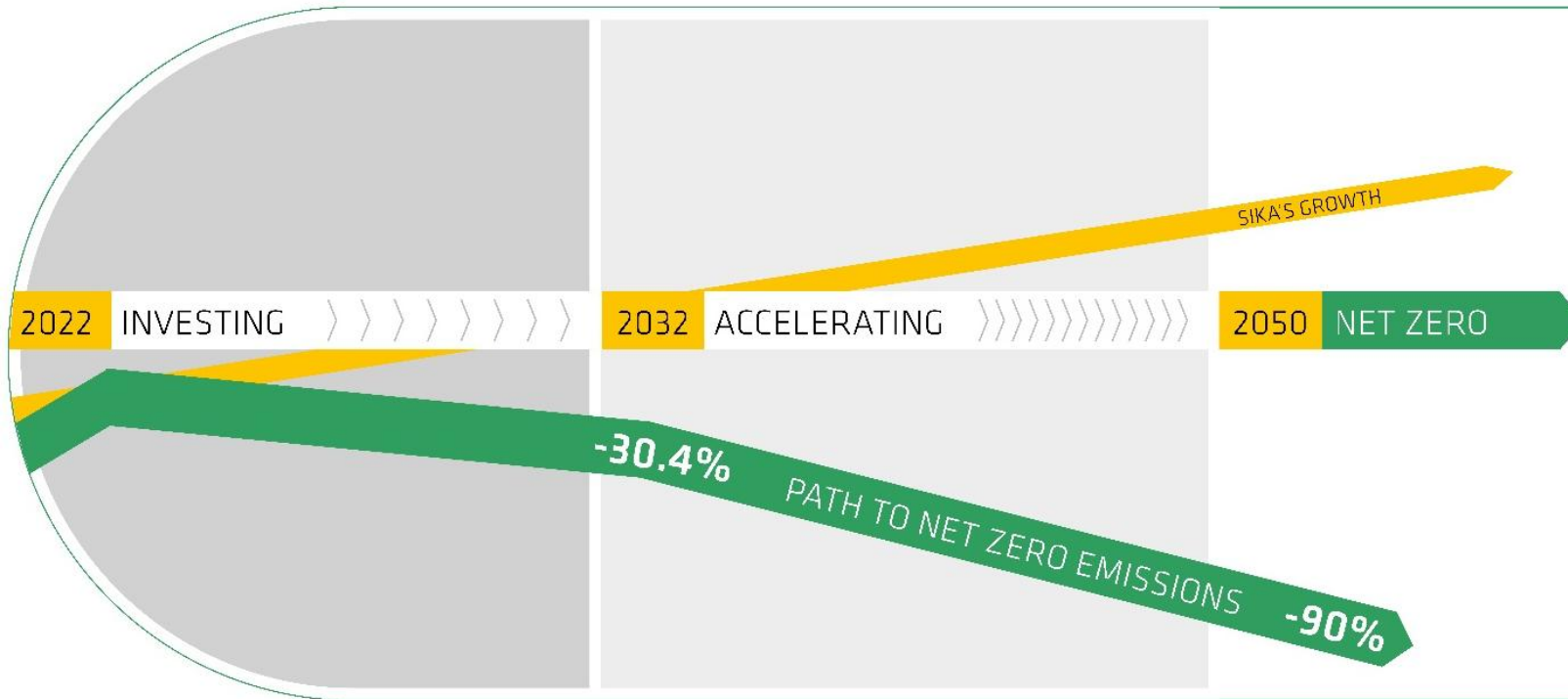
Increasing number of companies set sustainability and/or climate targets (e.g., SBTi) for which supplier data is required and becomes a decision factor.



*EPD: Environmental Product Declaration

PRODUCT SUSTAINABILITY JOURNEY

SIKA'S NET ZERO PATHWAY



OUR KEY LEVERS

Accelerated use of alternative low carbon supplies

Education and capacity building to improve material efficiency and circularity

Partnerships with key suppliers who support Sika's path to net zero

Development of new technological solutions for construction and industry

Continued focus on operational efficiencies

Sika® CARBON COMPASS AUTOMATED PCFs

CONTEXT

PCFs* provide opportunities for companies to show their work on **net zero levers** at product-level

Manual PCFs require a lot of **time and resources** when customers expect **quick answers**

Customers expect **qualitative and systematic data** at company and product level



SIKA'S WAY FORWARD

Sika kicked off this project in September 2023 to **automate** how we calculate PCFs using a phased approach

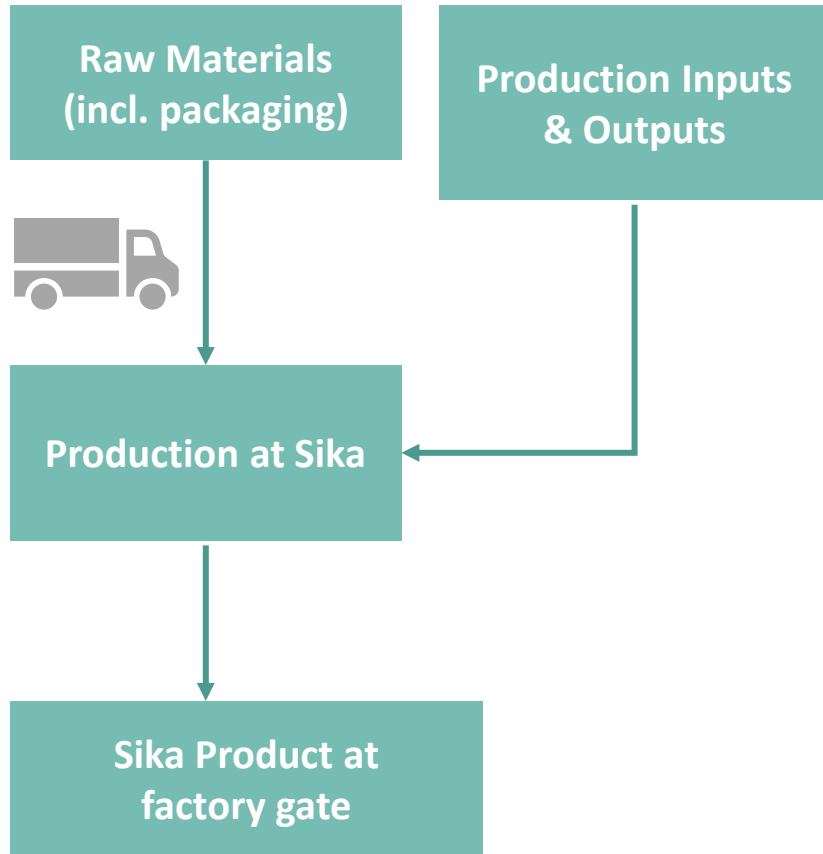
Initial focus on concept definition, with decision to build **in-house tool for PCF automation**

Sika has successfully completed the implementation of the **Carbon Compass®** in 2025

*PCF: Product Carbon Footprint

SIKA® CARBON COMPASS

AUTOMATED PCFs



The Sika® Carbon Compass is a new automated calculation engine for Product Carbon Footprints developed in-house.

- Developed by corporate, rolled-out globally
- The methodology is 3rd party verified (TüV Certificate C01-2025-07-21260889)

Available in all **SAP countries with standardized data structure**, it delivers:

- Database of annual PCF calculations
- Automated generation of PCF Info Sheets

Some specific product categories are currently excluded:

- In-house PCF model or LCI available for excluded technologies
- Progressive inclusion of remaining products

PCF METHODOLOGY BASED ON



SIKA® CARBON COMPASS

ENABLING DECARBONIZATION

Sika® Carbon Compass
=
Scalable Impact



A unified strategy that informs, evaluates, and delivers for all



Enables sustainability-informed decision-making at every level



Quick response to customer requests with transparent methodology

We're not just measuring sustainability.

We're engineering it.

PRODUCT SUSTAINABILITY JOURNEY STRATEGY TO SCALE

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COMPETENCE



Corporate Competence Center

Corporate sustainability team with focus on development of guidance, framework, and tools for the global Sika organization.

NETWORK



Decentralized Specialist Network

Product sustainability expertise across Sika with trained specialists, equipped to support sales teams in providing accurate product sustainability information to our customers worldwide.

AUTOMATION

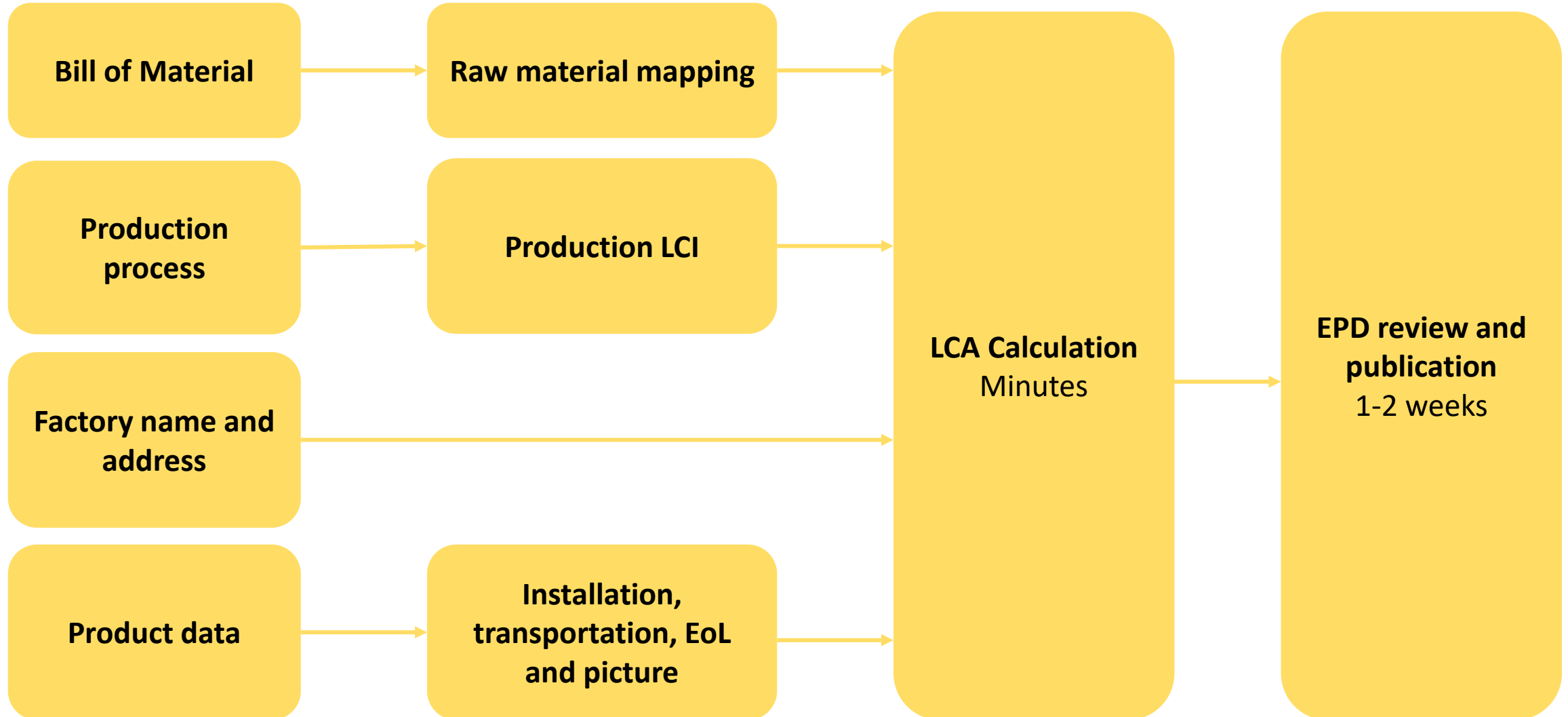


Automation Pathways

Sika® Carbon Compass for automated PCF calculation launched globally in 2025. **EPD automation, building on PCF data foundation and learnings, being scaled up globally in 2026.**

EPD PORTAL

PROOF OF CONCEPT



EPD PORTAL

FROM VISION TO REALITY

Building on the Carbon Compass, Sika started a project to integrate an external EPD Automation tool to accelerate Sika's ability to lead the way in EPD Automation.

- Delivery time of approx. 2 weeks
- Broad technical and regional coverage already achieved, with 70+ specific EPDs published since November 2025
- Robust governance and processes established and documented

After a successful proof of concept, Sika is moving forward to implementing and scaling up.

Main partner: Emidat

Emidat is a startup founded in 2022. It automates the creation, management and verification of EPDs for building materials manufacturers, to get ready for customer demands and upcoming regulation.

- IT Security Compliance
- Aligned with Information Policy
- Flexibility and reactivity
- EPD network (program operators)



EMIDAT





**RELY ON SCIENTIFIC
GROUNDWORK**

**AIM AT PROGRESS,
NOT PERFECTION**



THANK
YOU.