

 [LCA.no](https://lca.no)

 post@lca.no

Cloud-based solutions for environmental documentation



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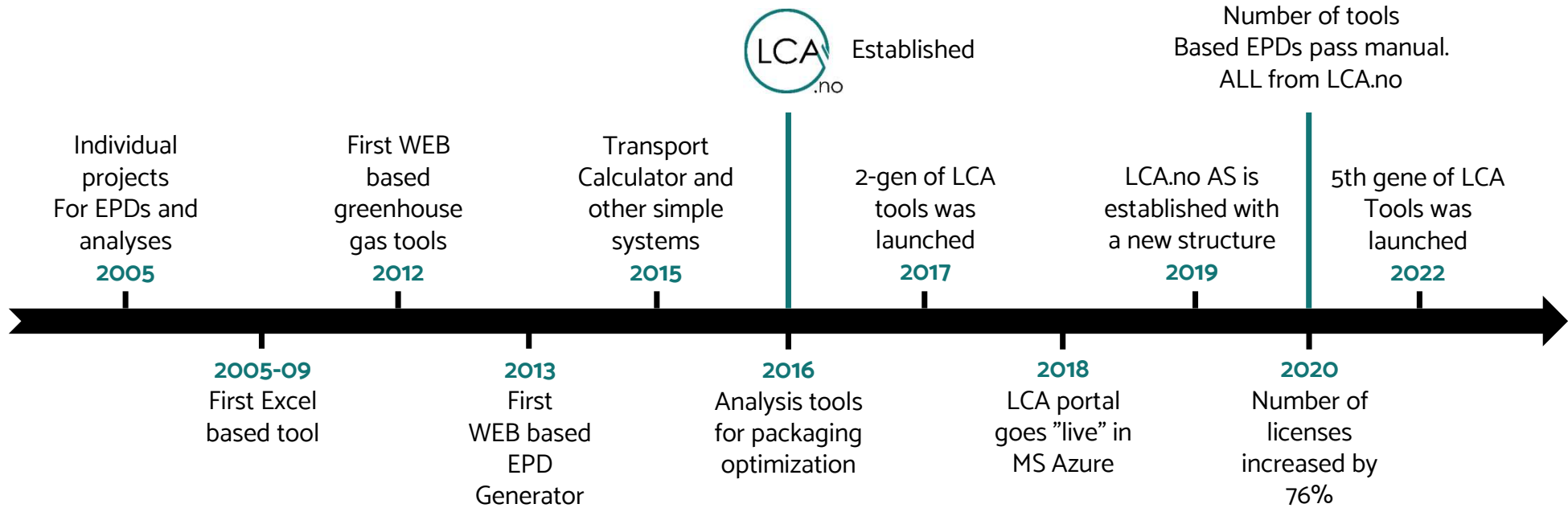


Who we are?

LCA.no AS established by Norsus (Norwegian Institute for Sustainability Research).

30 years of experience in developing environmental documentation as a basis for sustainable innovation

LCA is an internationally recognized and ISO-standardized method for environmental documentation





BUSINESS AREAS

LCA.TOOLS (SaaS)

- EPD Generator
- Business Intelligence
- Project systems
- Analysis systems
- Route planning systems
- API integration

Operation, Support, Courses

- Customer Support
- Acceptance course
- Follow-up course
- Error handling
- Operation of digital user groups
- Project management in implementation
- Operation LCA.tools

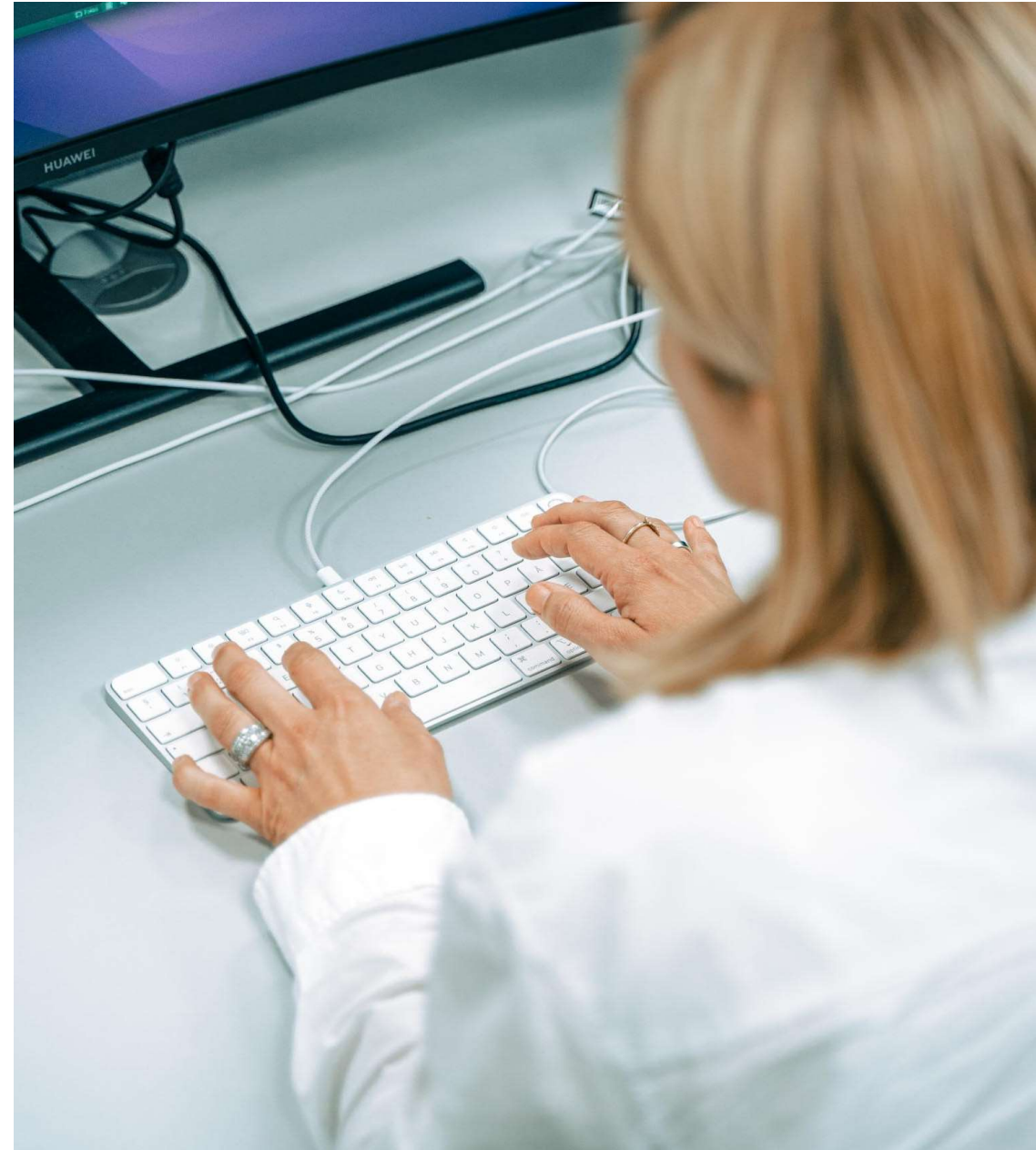
Counseling R&D

- Counseling
- External verification
- Professional competence towards the consulting industry
- Standardization
- R&D projects for future solutions



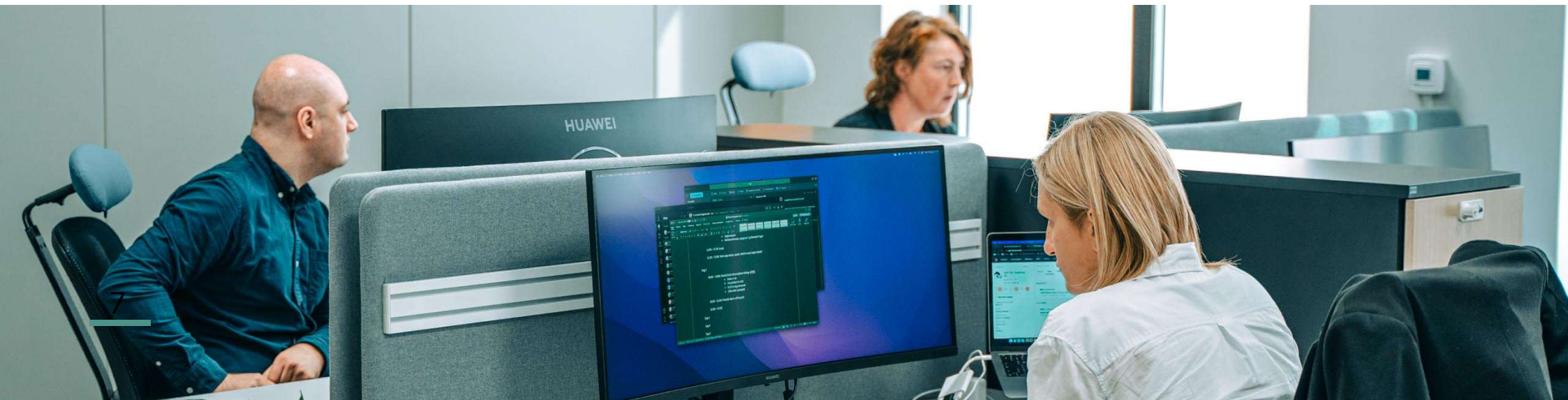
Numbers

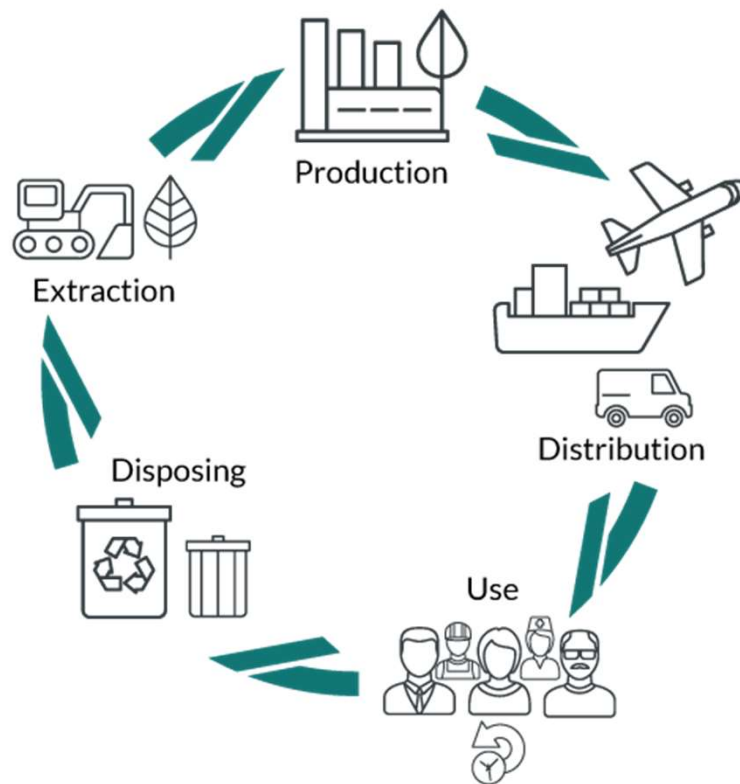
- 35 years of experience
- 500+ Businesses
- 2257+ EPDs published
- 10000++ Project specific EPDs
- 2509+ users
- 25+ Unique Tools
- Internationally



The green future

- Documentation and communication of environmental performance both from own operations and through the value chain for own products
- Strong growth in building and construction in recent years
- Focus on circular economy





To develop an EPD, an LCA (Life Cycle Analysis) is the basis. A life cycle analysis assesses environmental and resource conditions throughout the product's life cycle, from "cradle to grave", or preferably "cradle to cradle". Based on ISO 14040 and 14044

Method:

Mapping > emissions is calculated

Classification > Emissions are categorized

Characterization > Environmental impacts are calculated

Innovation > Analysis of how the product life cycle can be improved



WHAT IS AN EPD?

EPD®



EPD (Environmental Product Declaration)

is a concise document that describes the environmental impact of a product or service.

EPD is a so-called type III environmental declaration that is compliant with the ISO 14025 standard. A type III environmental declaration is created and registered in the framework of a programme, such as the EPD-Global.



Who uses EPD?

- The EPD provides environmental consultants and purchasers with a better basis for assessing the environmental impact of the product when purchasing goods and services.
- EPD provides managers with better decision-making in strategic processes related to product and environmental development.
- EPD provides responsibility for development and innovation as an important tool for product development and improvements throughout the product value chain.
- EPD provides market leaders with the necessary documentation of environmental characteristics in accordance with customer requirements.





To be competitive in the green shift, it is necessary to have the right tools to document, optimize and collaborate.





Solution = Product/project based EPD

- Published
- Standardized
- Verified
- Comparable
- Adderbar

epd-norge

Environmental product declaration

In accordance with ISO 14025 and EN 15804 +A2

Product X M 23 xCv

DEFAULT COMPANY

Owner of the declaration:
Flex Firma AS

Declared unit:
1 tonne Product X M 23 xCv

This declaration is based on Product Category Rules:
CEN Standard EN 15804:2012+A2:2019 serves as core PCR
EN 16969:2017 Cement and building lime

Product Category:

Program operator:
The Norwegian EPD Foundation

Declaration number:
NEPD-1234-5678

Registration number:
NEPD-1234-5678

ECO Platform reference number:

Issue date:
30.09.2022

Valid to:
30.09.2027

EPD Software:
LCA.no EPD generator

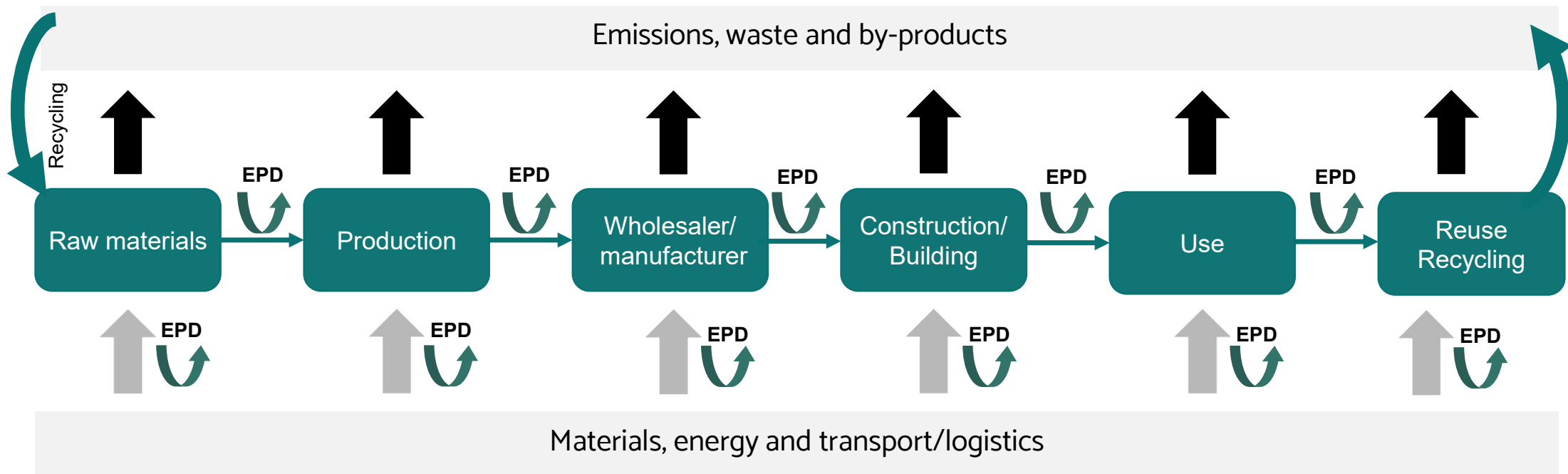
System ID:
5323

The Norwegian EPD Foundation

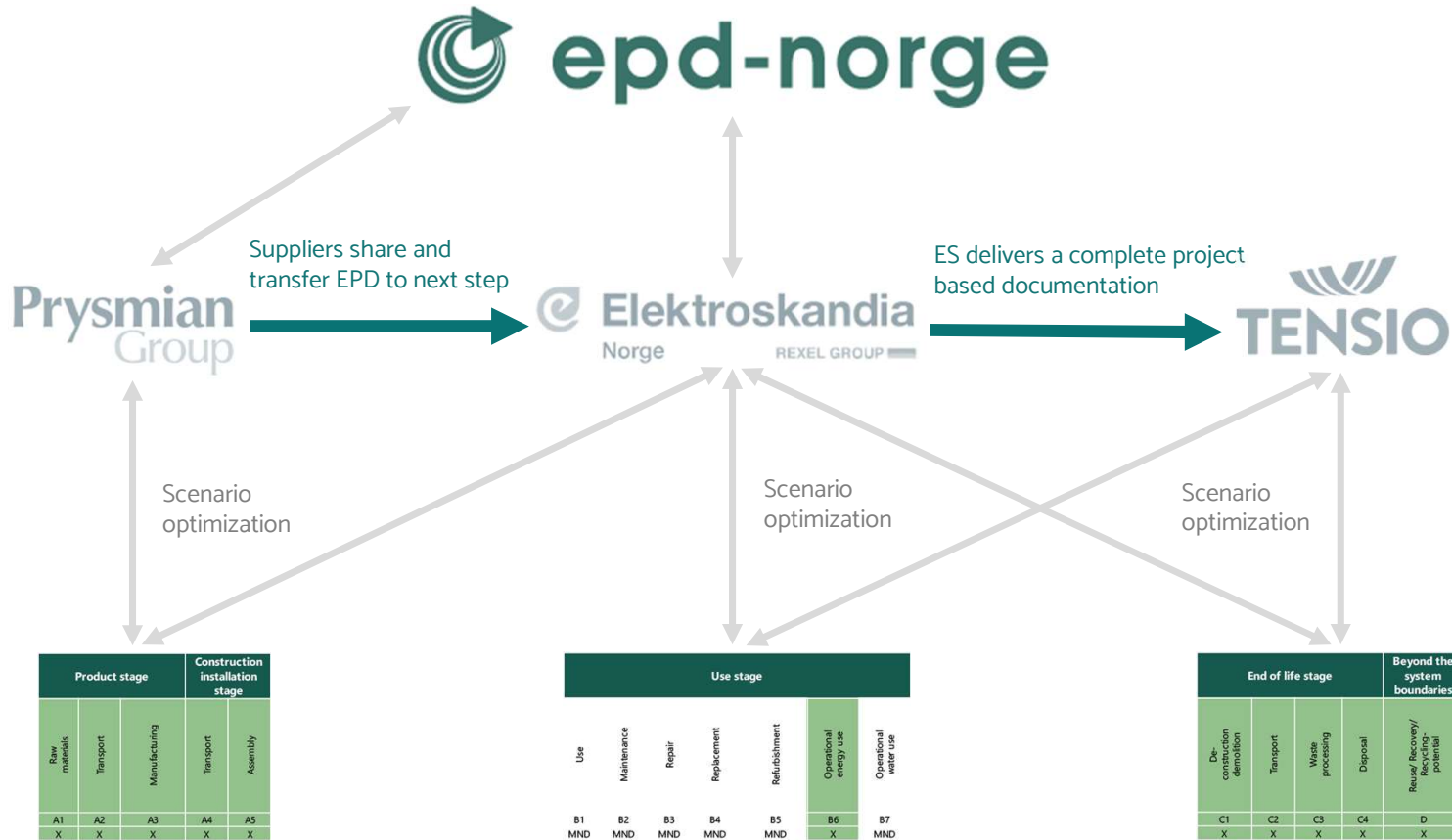


Environmental documentation in the value chain

Illustration event-based data flow



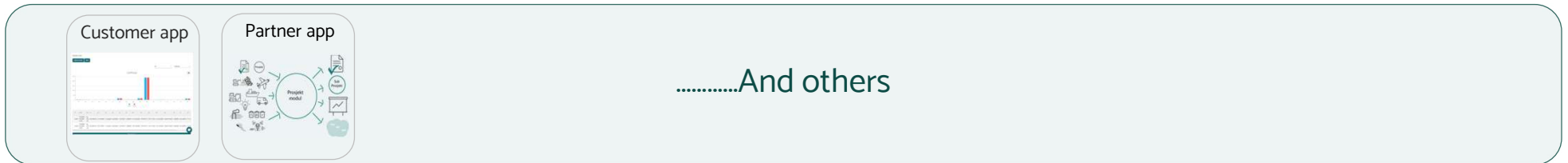
Environmental documentation in the value chain



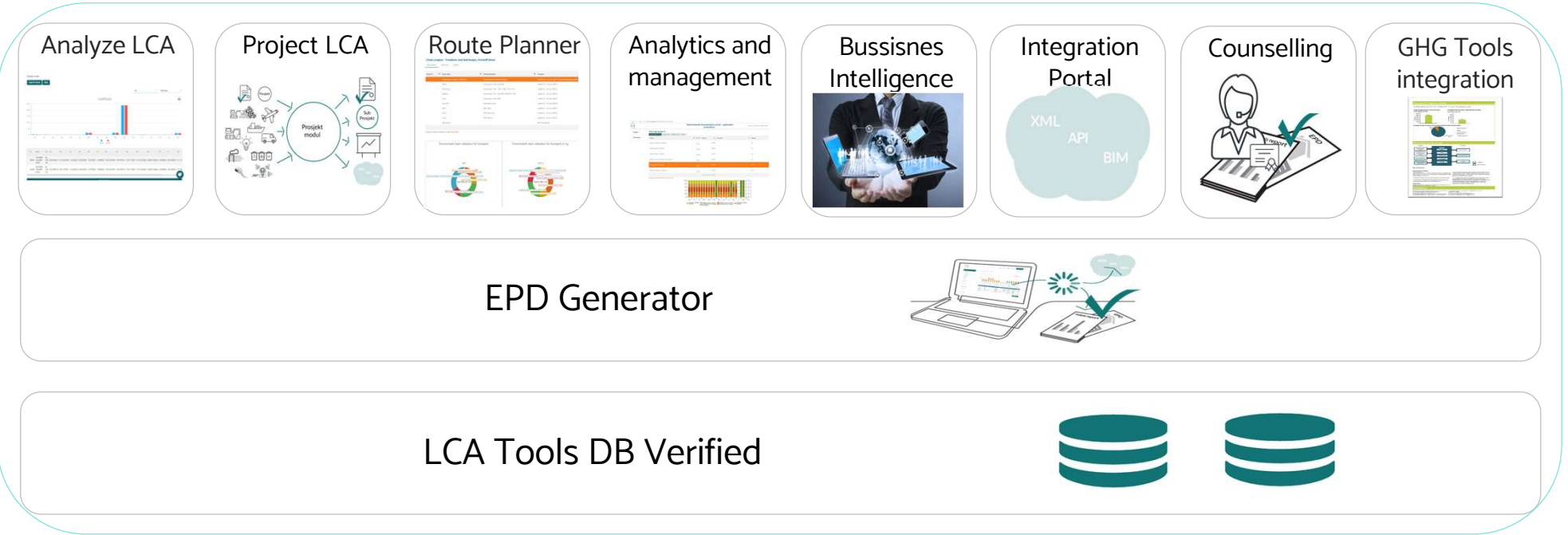


System and module structure in LCA.TOOLS

Value added Apps

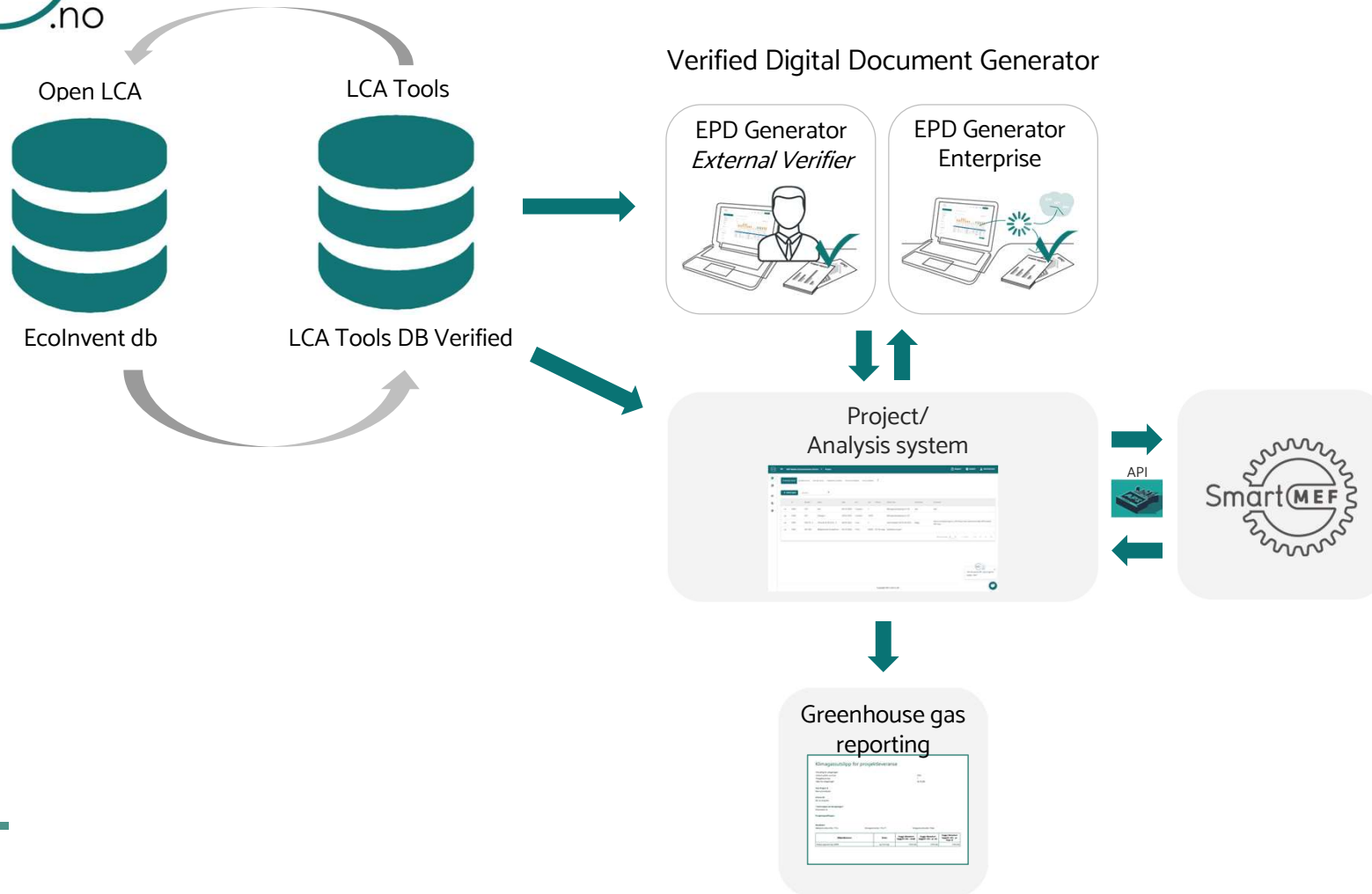


LCA tools Platform





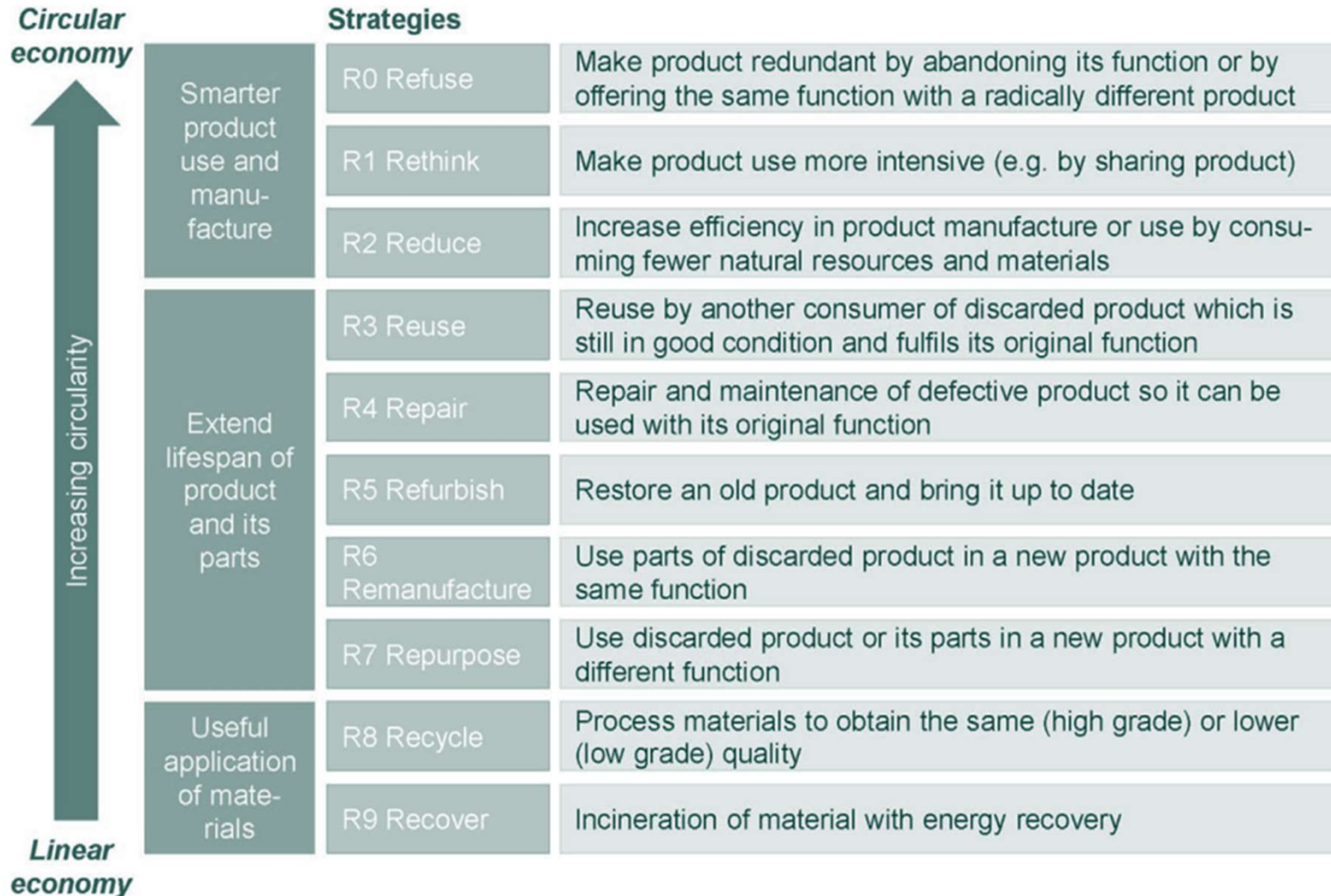
Program struktur og moduler i LCA.TOOLS



ESG with a focus on the environment



Circular economy





[KLIKK HER FOR Å ÅPNE LINKEN](#)

Regjeringa.no

Tema ▾ Dokument ▾ Aktuelt ▾ Departement ▾ Regjering ▾

Du er her: [Forsida](#) • [Aktuelt ▾](#) • [Nyheiter](#) •

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Fleire tiltak for å auke ombruk og redusere klimautslepp frå byggenæringa

Fleire tiltak for å auke ombruk og redusere klimautslepp frå byggenæringa

Nyheit | Dato: 01.06.2022

Regjeringa har vedteke endringar i energi-, klima- og miljøkrava i byggt teknisk forskrift og tilhøyrande endringar i byggesaksforskriften. Endringane vil bidra til å redusere klima- og miljøavtrykket frå bygg.

Kommunal- og distriktsdepartementet

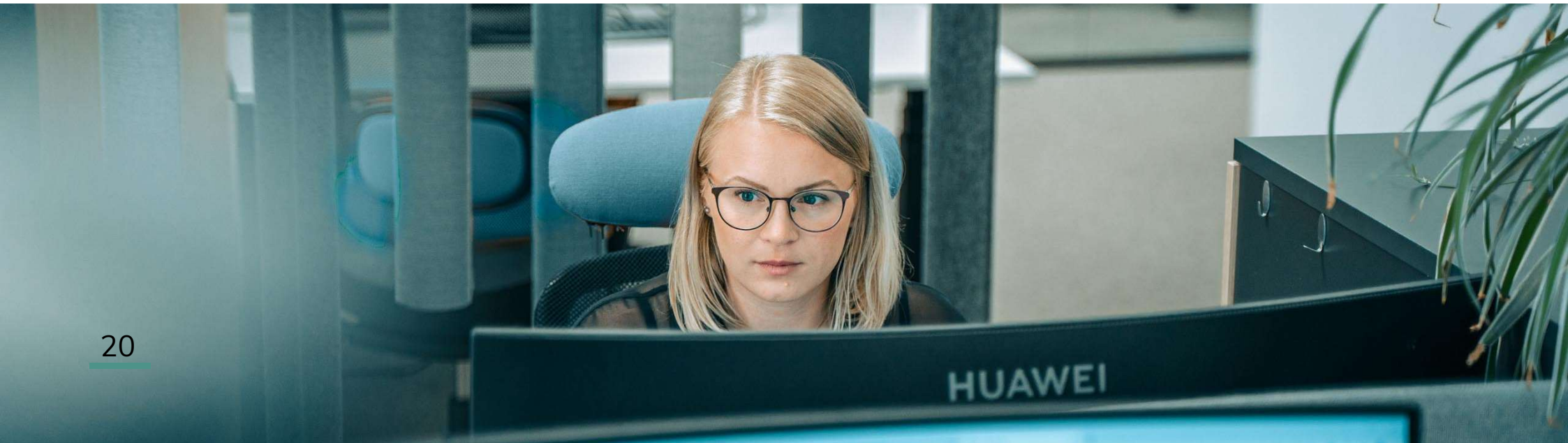
TEMA

[Bygg](#)

[Bærekraftsmålene](#)

Summary

- Documentation required
- Tools and digitalisation are needed
- Optimization and improvement are needed
- Collaboration is the solution





“Only through close cooperation between customers and suppliers throughout the value chain can we achieve the UN's sustainability goals»





Thank you for your attention!

Trond Edvardsen - CEO

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