



DECENTRALIZED LCA IN INNOVATION AND REPORTING PROCESSES OF A LARGE ENTERPRISE

Nikolaj Otte, J Tolls, C Schneider, A Klemmer, J Kremer

SALES

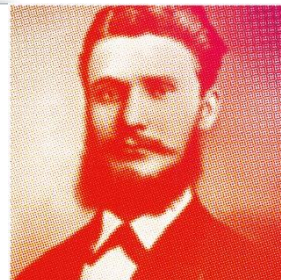
€19.3 BN



MORE THAN

144 YEARS

SUCCESS WITH
BRANDS AND
TECHNOLOGIES



WE ARE ACTIVE IN

78

COUNTRIES

THREE BUSINESS UNITS

ADHESIVE TECHNOLOGIES
BEAUTY CARE
LAUNDRY & HOME CARE

€2.6 BN

ADJUSTED
OPERATING PROFIT
(EBIT)



LEADING IN
SUSTAINABILITY

+64%

RESOURCE
EFFICIENCY



AROUND

2,700

SOCIAL PROJECTS
SUPPORTED



WE EMPLOY
MORE THAN

52,950

PEOPLE
WORLDWIDE FROM
125 NATIONALITIES



AROUND

37%

WOMEN IN
MANAGEMENT



WHO WE ARE

LEADING POSITIONS IN INDUSTRIAL & CONSUMER BUSINESSES

Adhesive Technologies



LOCTITE **TECHNOMELT** **BONDERITE**

Beauty Care



Schwarzkopf **Dial** syoss

Laundry & Home Care



Persil **all** **Bref**

▶ WE IMPLEMENT OUR STRATEGY ALONG THE ENTIRE VALUE CHAIN



▶ QUESTIONS IN THE CORPORATE VALUE CHAIN

Product Development



Does my packaging contribute to circularity ?
Does my formula have lower footprint ?
Is my new product more sustainable overall ?
How do I contribute to corporate goals ?

Purchasing/Production



What is the footprint of our raws ?
Do we source responsibly ?
Do we produce sustainably ?

Measuring/Reporting



How to efficiently deal with external reporting?
What is the footprint of our portfolio ?
Did we achieve our targets ?
Where to focus our product development ?

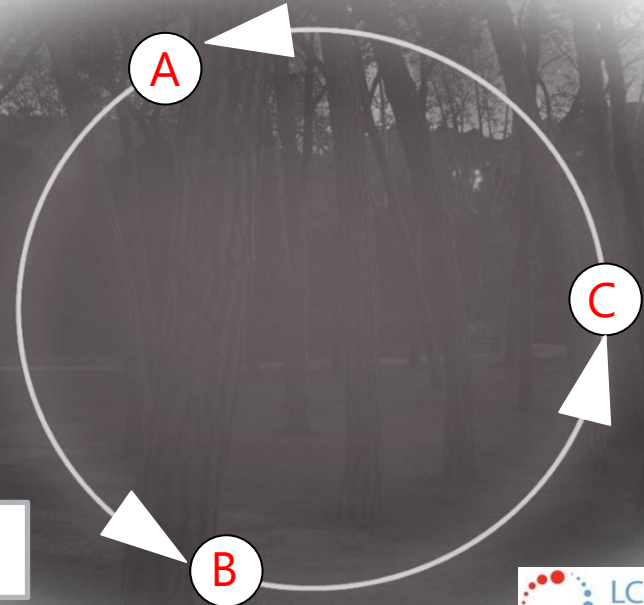
▶ DIMENSIONS OF SUSTAINABILITY MANAGEMENT

SYNCHRONIZE COMPANY STEERING AND PRODUCT DEVELOPMENT

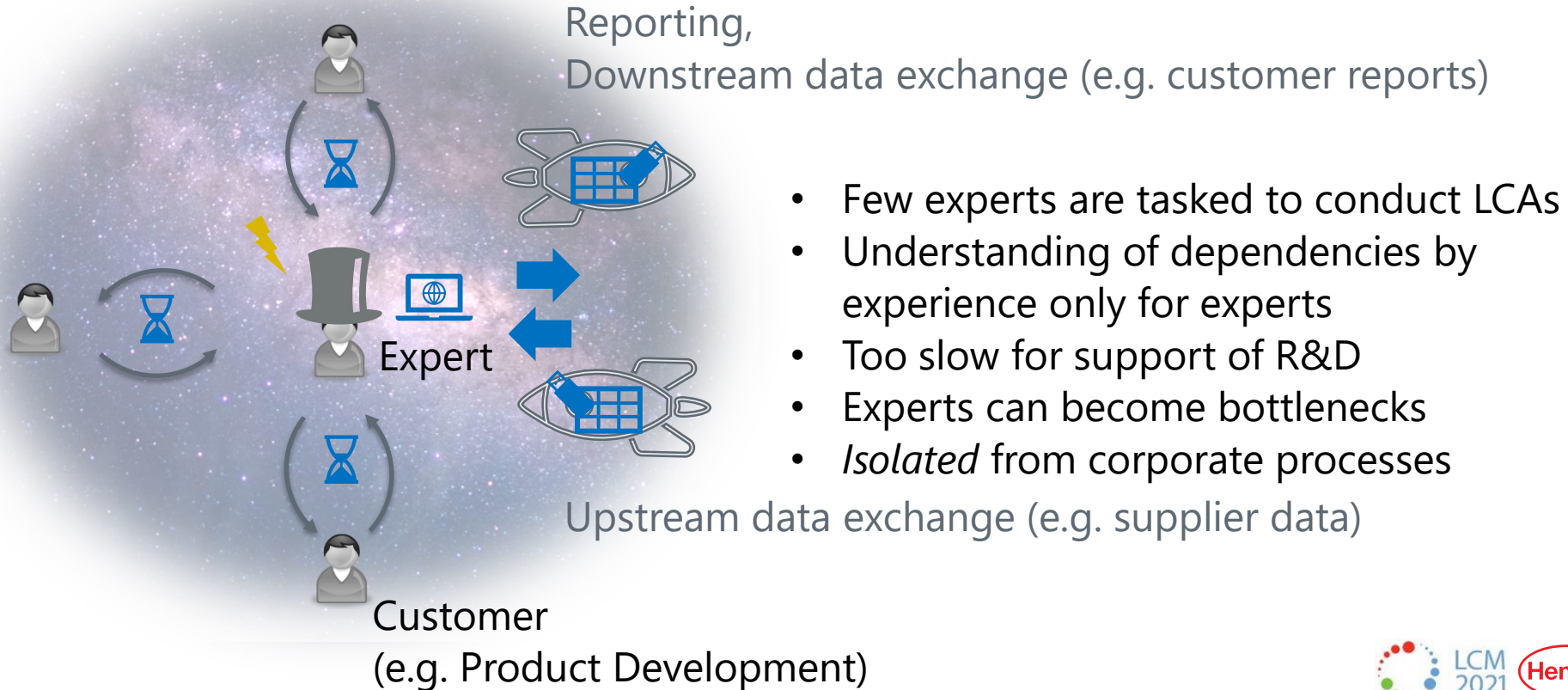
- A) Define Measures
 - Program for product development
- B) Design of next generation products
 - know where you are going
- C) Measuring/Reporting along the supply chain
 - target achievement, know how you are performing

Coherent tool-chain & data needed !

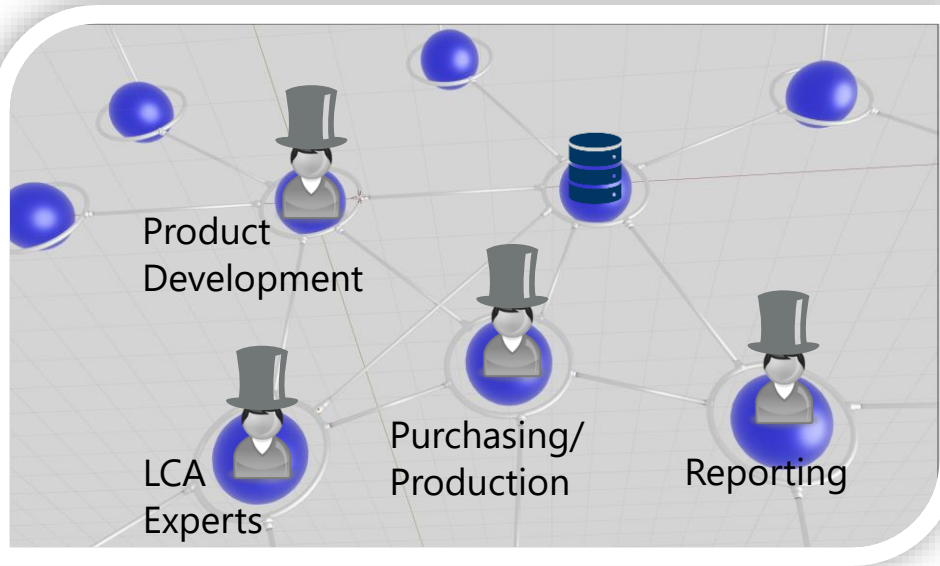
Control loop



▶ TYPICAL LCA CONSULTANCY



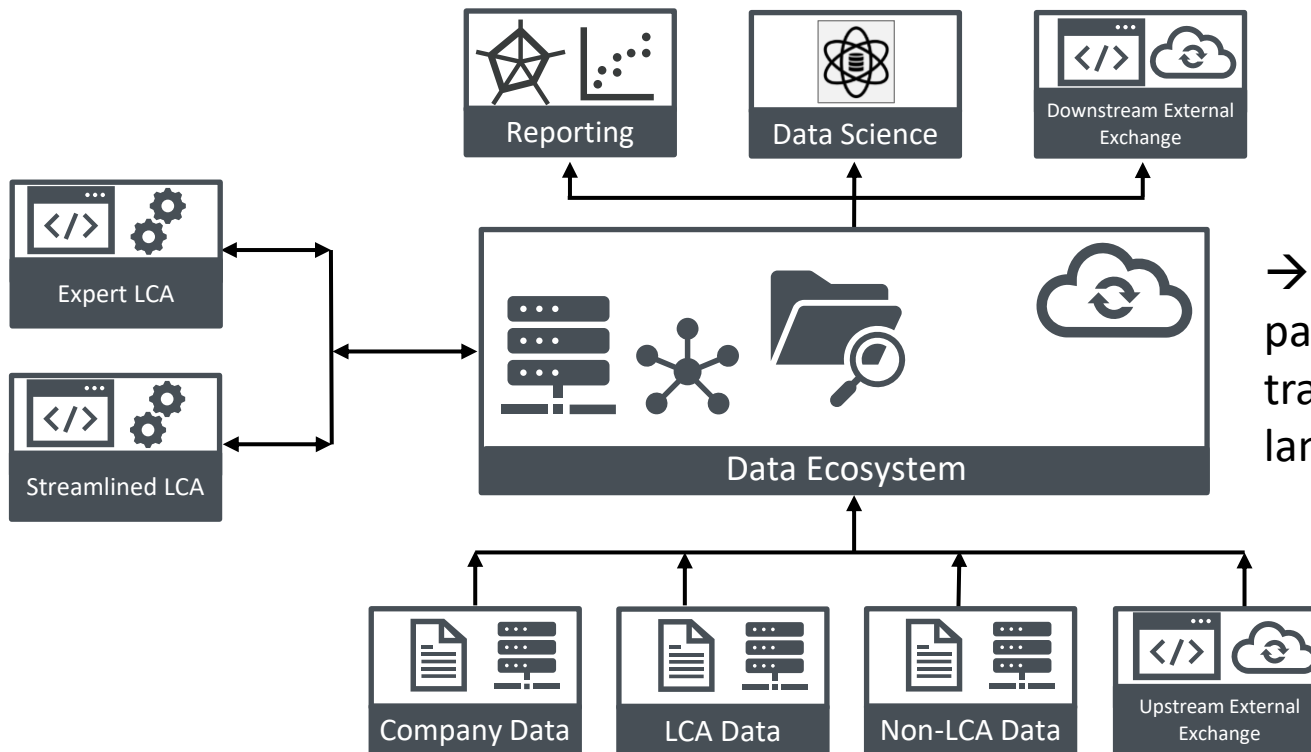
▶ FUTURE WORKFLOW REQUIREMENTS: INTEGRATED SUSTAINABILITY PIPELINE



Integrated platform for utmost connectivity & data coherence

- Create understanding by hands-on experience for employees other than LCA experts
- Scalability via integration of LCA non-experts into processes
- Coherent data & less delays

► LCA EMBEDDED IN CORPORATE ECOSYSTEM



→ Solution integrating all parts into a coherent & transparent data landscape

▶ CONCLUSION

- Future corporate LCA requires an integrated pipeline
 - Coherent and consistent data along the intra-company value chain
 - Data exchange with external companies upstream & downstream
 - Supports typical LCA indicators as well as non-LCA sustainability indicators
 - Supports digital and highly interconnected processes end-to-end
 - Scalability of processes by relieving of bottlenecks
 - Knowledge building & sustainability ambassadorship by non-experts in LCA

The Henkel logo is centered on a red background with a diagonal gradient. It consists of the word "Henkel" in a white, bold, sans-serif font, enclosed within a white oval border.

Henkel