



BETTER SUPPLY CHAINS
BETTER PRODUCTS
BETTER FUTURE

8TH MEETING OF THE TASK FORCE ON ACCESS TO INFORMATION
AARHUS CONVENTION
INTERNATIONAL WORKSHOP ON ACCESS TO PRODUCT INFORMATION
MATTHIEU HUG, CEO @TILKAL

November 10th, 2023

TRANSPARENCY (LACK OF) | A PRACTICAL CASE



Organic...
but where from?



48% of frauds

“STRETCHED, INFLEXIBLE, DANGEROUSLY OPAQUE SUPPLY CHAINS”

WORLD ECONOMIC FORUM, 2020

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RISK & COMPLIANCE JOURNAL
EU Looks to Follow Tough U.S. Action on Forced Labor
Companies are under increasing pressure to probe their supply chains

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At Lilly, a Directive to Drive Industry Disruption

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Markets →			
DOW	34,266.58	0.93%	▼
S&P 500	4,068.41	0.29%	▼
NASDAQ	11,453.53	0.13%	▼

Fear & Greed Index →
Green
is driving the US market
70

Latest Market News →
FTX founder Sam Bankman-Fried
The Fed's favorite inflation measure
What to expect from Friday's jobs report

Baby product company recalls 10,500 of its stainless steel sippy cups over lead poisoning risk
By Zoe Sottile, CNN
Published 2:12 PM EST, Mon November 28, 2022

H&M sued for greenwashing claims, again

THE CONSCIOUS CHOICE



REPUTATION

RESILIENCE

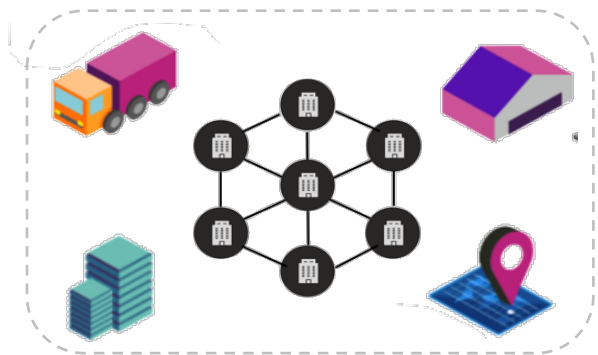
REGULATION

REGULATORY TREND | END-TO-END DUE DILIGENCE & BURDEN OF PROOF



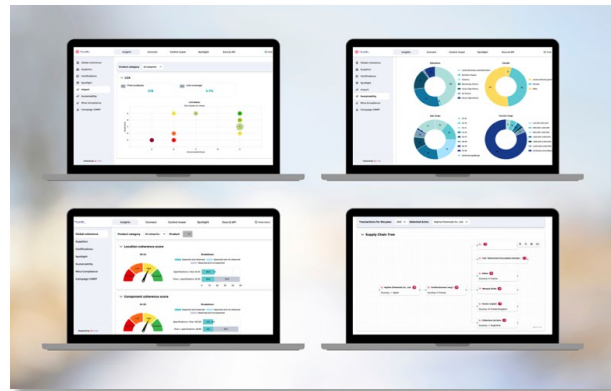


CONNECT SUPPLIERS
COLLECT DATA



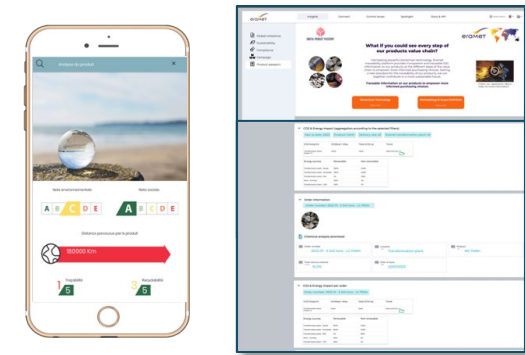
B2B BLOCKCHAIN NETWORK
STAKEHOLDERS AUDITABILITY

NON-FINANCIAL KPI
& CONTROL TOWER



COHERENCE SCORING
AI-BASED ANALYSIS

DIGITAL PRODUCT PASSPORT



SHARE IN B2B OR B2C
ENGAGE ON IMPACT & COMMITMENTS

PROOF OF ORIGIN. COMPLIANCE. IMPACT. RECALLS. FRAUD DETECTION.

25 GLOBAL CUSTOMERS WITH SUPPLY CHAINS THROUGHOUT EUROPE, CHINA, INDIA, AFRICA, INDONESIA AND LATAM

FOOD, COSMETICS, MINERALS, PLASTIC RECYCLING, LUXURY, WOOD FURNITURES, TEXTILE



CHEESE

-

ORIGIN OF MILK & PRODUCTION



BABY MILK

-

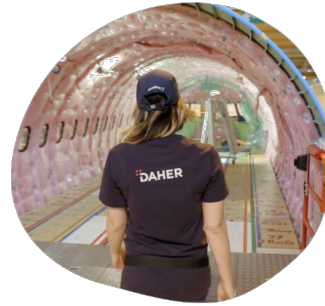
RISK OF FRAUDS



COSMETICS

-

TRANSPARENCY ON RAW COMPONENTS



AERONAUTICS

-

CONFLICT MINERALS & CUSTOMS TAX REPORT



PLASTIC RECYCLING

-

WORKING CONDITIONS



MINERALS

-

CHILD LABOR

DRIVERS OF OUR CUSTOMERS TOWARDS TRANSPARENCY

- **NEW REGULATIONS = “LICENSE TO OPERATE”**
- **ESG REQUIRES DATA... OR IT'S FAKE**
- **AVOID EXPOSURE TO IRRESPONSIBLE PRACTICES**
- **DIFFERENTIATION**



5000 MODELS EACH YEAR

GENERATE PRODUCT PASSPORT FOR CONSUMERS (CONFECTION, DYING, KNITTING)

FOLLOW USE OF CRITICAL CHEMICALS (PRODUCTS, PACKAGING)

ROI: COMPLIANCE, REINFORCE CLAIMS, IMPACT

+100 000 SCANS PER MONTH SINCE JANUARY 2023

COCOA: COMPLIANCE AND DUE DILIGENCE



TRACEABILITY OF COCOA AND PROOF OF DUE DILIGENCE

15 cocoa origins
Cocoa batch traceability, from cooperatives to factory.

Evaluate sourcing risks.

Verify compliance with deforestation-related regulations.

Support local communities (working conditions, environmental impact, payments).

★ ROI: Verify compliance and impact,
Reduce payments delay to farmers by 60%



MICA: MANAGE SOURCING RISK



UPSTREAM TRACEABILITY SUSTAINABLE SOURCING

Shared traceability and reporting on mica sourced from India

Widely used mineral in **cosmetics, paintings, coatings, electronics, etc**

From mines in India to global brands

100 corporate members of the NGO



★ ROI: Support fight against child labor

TACKLING OPERATIONAL CHALLENGES

DATA IS 21st CENTURY'S OIL:
BY DEFAULT, NO ONE WANTS TO SHARE

HETEROGENEITY IN LITERACY AND DIGITIZATION

DIVERGENCE OF INTERESTS

FRAUDS ARE LUCRATIVE

TECHNOLOGY & STANDARD EXIST

DRIVE WILLINGNESS THROUGH DIGITAL PRODUCT PASSPORT

**LOOK FOR FAIR INCENTIVES
(INFORMATION, REDUCE PAYMENT DELAY, MARKET ACCESS...)**

BALANCE IN RESPONSIBILITIES (BLOCKCHAIN)



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