



Supply Chain Due Diligence in Practice

AI-powered supplier
monitoring and supply
chain risk management

Marco Feiten | 18 April 2024

Mission possible

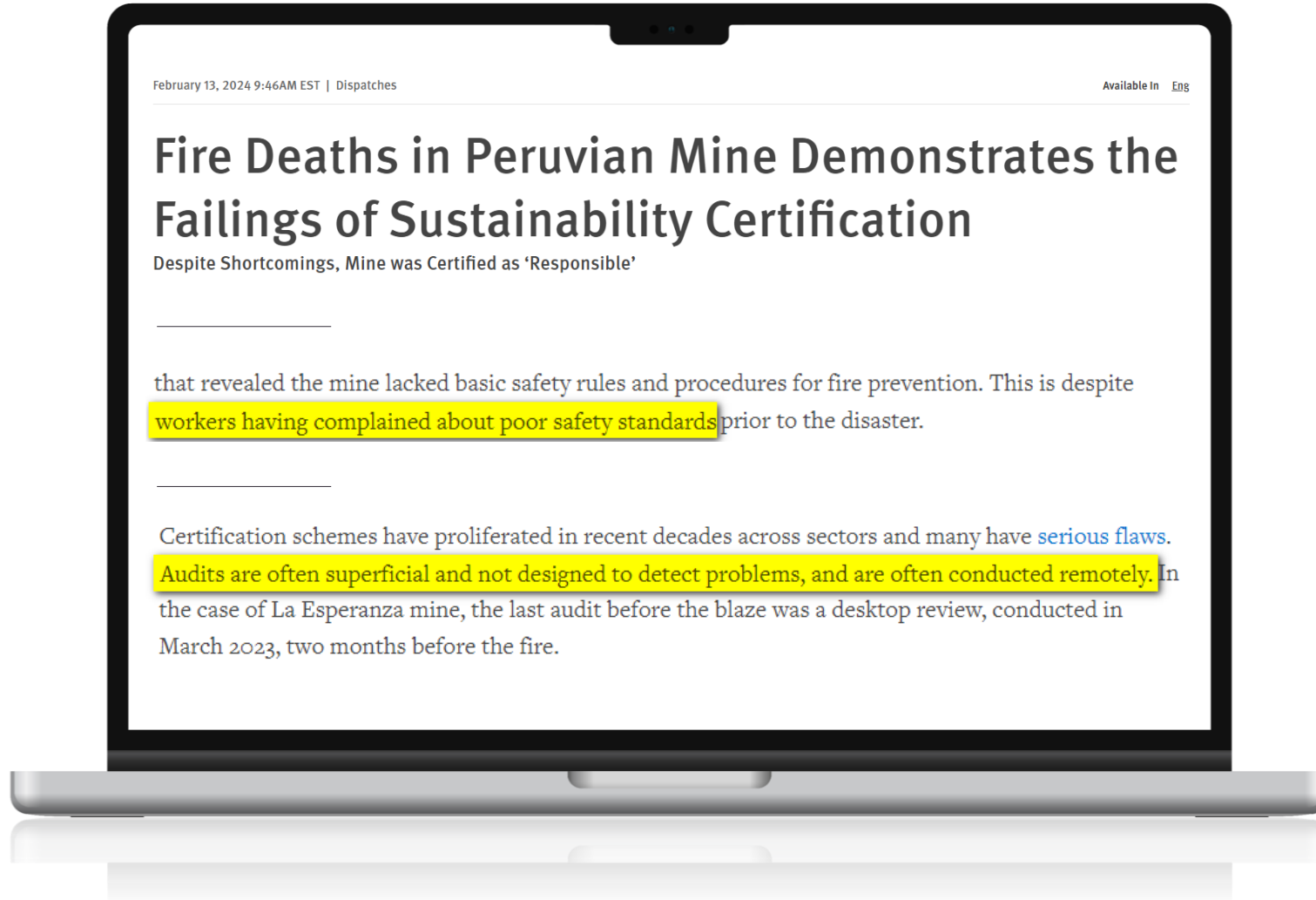
A regulatory push for supply chain risk monitoring

“Under the due diligence obligations set out by this Directive, a company should identify and assess actual or potential adverse human rights and environmental impacts.”



Audits and questionnaires are NOT sufficient

Supply Chain Due Diligence in practice



Global monitoring in real time

Multiple data sources

> 180 Mio.
Data Sources

> 60 Risk
Categories

Blogs &
Forums

NGOs & Other
Stakeholders

Company
Ratings

Worldwide
Coverage

Sanctions
Lists

Media analysis based on machine learning & NLP

Supply Chain Due Diligence in practice

Example:

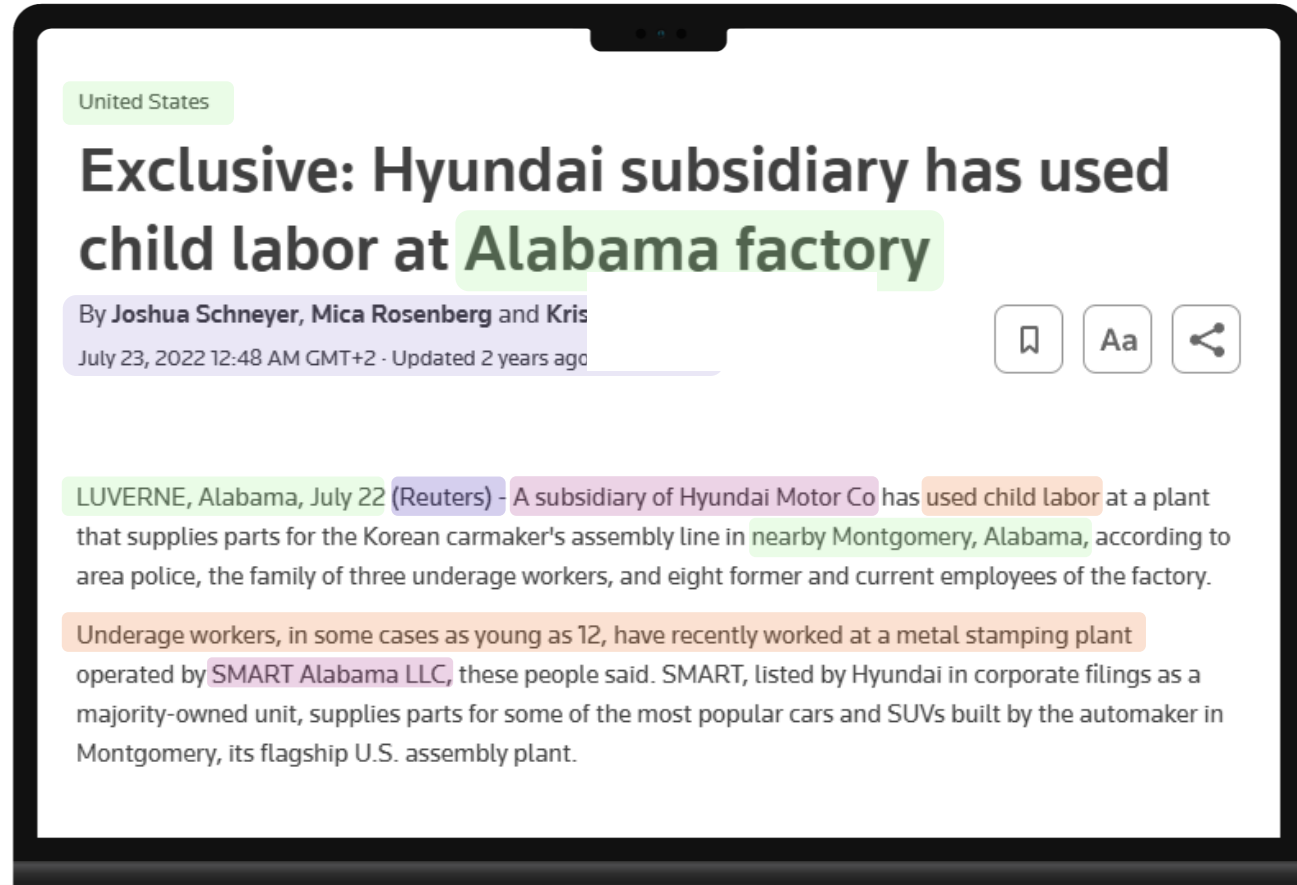
Extracting relevant information in
online media

What happened?

Where and when did it happen?

Who is responsible and affected?

Meta data & reliability



This is scrioo

Supply Chain Resilience Instruments for Optimal Operations



Web platform for risk analysis

- Dynamic risk monitoring of over 180 million sources
- AI-augmented detection, evaluation & processing of risks
- Quality assurance by analysts & data scientists



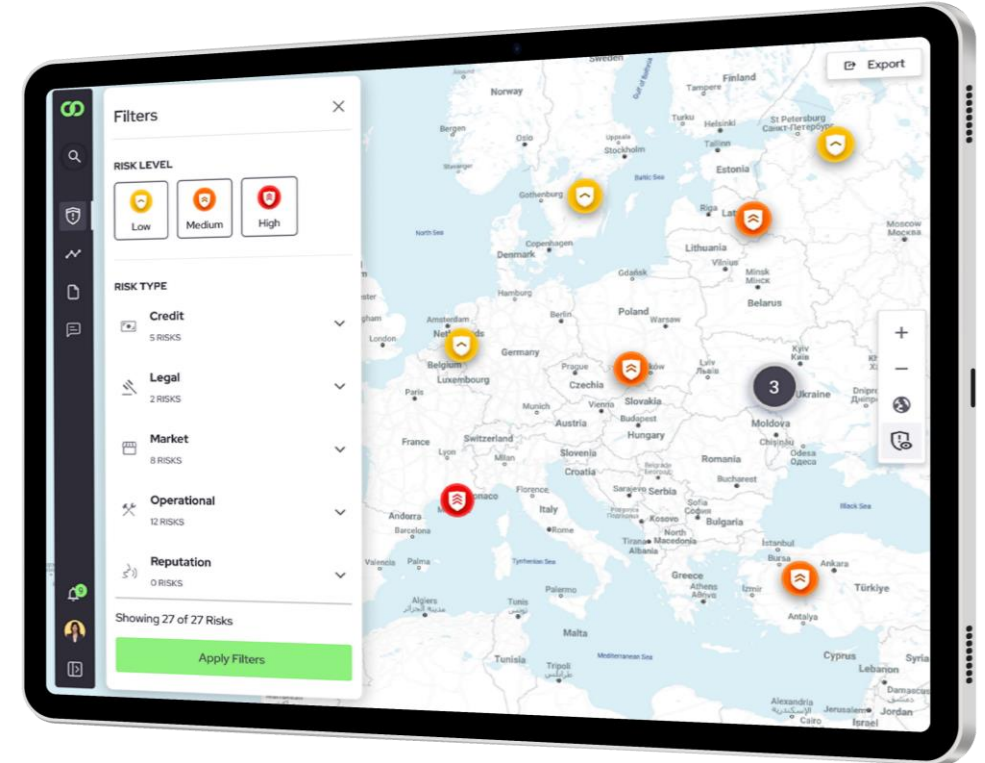
Manage risks in the web platform

- Process, assign & document recognized risks
- Book services in the platform (consulting, training, ...)
- Media center for ESG reporting, self-disclosures & certifications



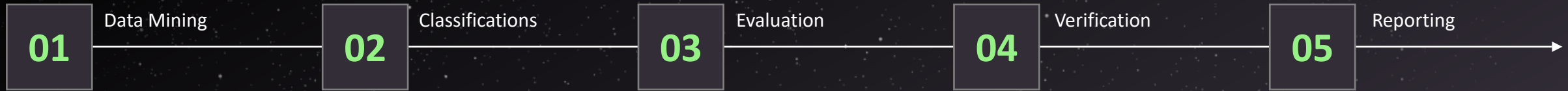
scrioo 2.0 - The milestones

- Predictive modelling for supply chain incidents
- Simulative assessment of supply chain resilience
- New supplier management features



How scrioo works

Sketch of data processing and analytics



WORLD WIDE WEB

180 mio. real-time data repositories

CUSTOMER-INTERNAL DATA

Risk metrics, trade volumes, and many more

Flexible integration of external data

RISK TOPICS

SCA and other supply chain-related topics (disruptions, IT risks, ...)

FEATURES:

AI FILTERING

Industries, regions, suppliers, markets, products

AI CLUSTERING

Supply Chain Act topics, other supply chain risks, geographic location,

AI RISK EVALUATION

Scoring of relevant supplier incidents

QUALITY CHECK BY MEDIA ANALYSTS

Experienced analysts double-check results

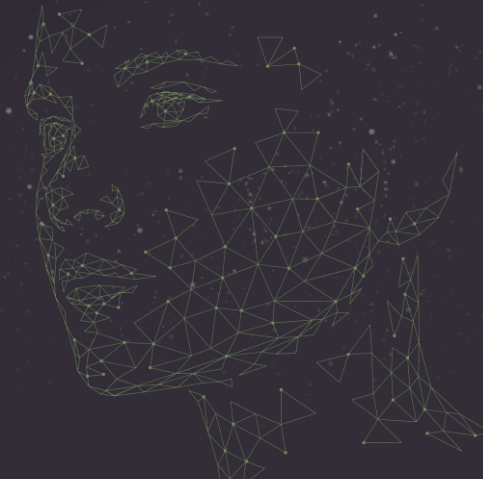
Fix contact person

RISK VISUALISATION

Via tool, e-mail, pdf, API

Special reports on demand

Easy integration in existing risk reportings and infrastructure through REST API



Supply Chain Due Diligence and More!

Overview of risk categories covered by scrio



Financial

- Bankruptcy
- Contract penalty
- Critical balance sheet
- Decrease in market demand
- High capital lock-up
- Increase in market supply
- Liquidity issues
- Loss of margin
- Low capacity utilization



IT

- Cyber attack
- Data leak
- State-sponsored espionage
- Infrastructure security vulnerability
- Product security vulnerability
- Software security breach



Legal

- Business partner lawsuit
- Child labour usage
- Competitor lawsuit
- CSR violation
- Customer lawsuit
- Data privacy violation
- Employee health and safety
- Environmental damages
- Human rights violation
- Illegal conflict minerals activities
- Illegal monopoly or corruption
- Institutional lawsuit
- Investor lawsuit
- Land rights violation
- Other lawsuit
- Supplier fine
- Supplier lawsuit
- Supplier on sanction list
- Workers rights violation



Operations

- Delivery delay
- High employee fluctuation
- High employee sickness rate
- High number of working accidents
- Logistics accident
- Low available production capacity
- Natural disaster
- Political issue
- Regulatory issue
- Scarce production materials
- Scarce resources
- Supplier bankruptcy
- Supplier critical balance sheet
- Supplier liquidity issues
- Supplier strike
- Supply chain disruption
- Working material shortage



Reputation

- Bad public company rating
- Child labour usage
- Critical media coverage
- Critical NGO communication
- CSR violation
- Customer data leak
- Customer dissatisfaction
- Employee health and safety
- Environmental damages
- Greenwashing
- Human rights violation
- Illegal conflict minerals activities
- Land rights violation
- Shitstorm on social media
- Stakeholder criticism
- Workers rights violation



Let's connect!

Contact Details



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