Global supply chain disruptions are becoming increasingly frequent

Enterprises experience supply chain disruptions lasting over a month approximately every **3.7** years

Enterprises lose **42%** of their annual EBITA (Earnings Before Interest, Taxes, Depreciation, and Amortization) every decade

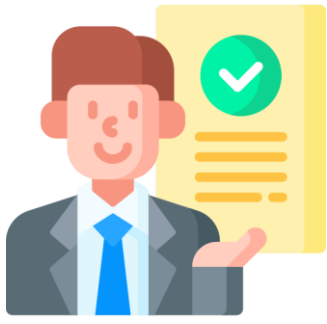| Acute climate change	Financial crisis	Trade disputes	Pandemic	Chronic climate change	Cyber attacks	Terrorism	Supplier bankruptcy
急性氣候變化	宏觀經濟/金融危機	貿易爭端	疫情	慢性氣候變化	網路攻擊	恐怖主義	供應商破產

資料來源：McKinsey Global Institute 全球價值鏈的風險、韌性和再平衡(2020)

Pain Points:
Current Challenges in Sustainable Supply Chain Management

ESG Department

1. Send Audit Self-Assessment Forms to Suppliers

① Compile the ESG audit questionnaire in an Excel file and send it to suppliers.

2. Supplier Self-Assessments and Inquiries

② Handle inquiries from 700 suppliers across different global time zones regarding corporate requirements (with supplier contact turnover).

requires 1.5 person-months

3. Collect Self-Assessment Forms and Supporting Evidence

4. Company A's Scoring and Issuance of Non-Conformance Reports

⑤ Review 420,000 supporting documents, score them manually, consolidate reports, identify high-risk suppliers, and conduct on-site audits.

requires 44 person-months

5. Supplier Non-Conformance Improvements and Follow-Up

⑥ Issue an average of 10,000 audit non-conformances annually, provide improvement recommendations, and track progress.

requires 16 person-months

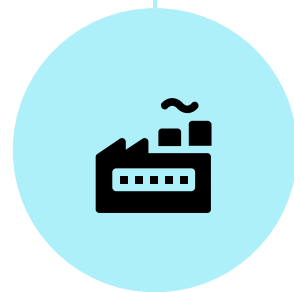**Supplier**

③ Face challenges with 200 complex and difficult-to-understand audit clauses, leading to frequent misentries that require back-and-forth communication for corrections.

requires 2 person-months

④ A single supplier may provide over 600 supporting documents.

⑦ Repeatedly verify corrective actions to ensure compliance or eliminate underperforming suppliers.
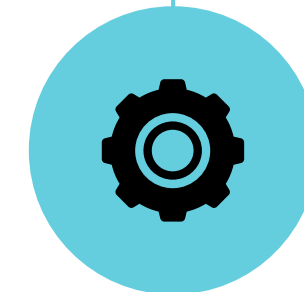
requires 2 person-months

Product Core Concept

Digital transformation and data empowerment strategies are crucial for sustainable supply chain management, enhancing audit efficiency and real-time risk control through AI

Digital Transformation

- ☐ Digitalized supply chain self-assessment, rapid risk detection.
- ☐ Generative AI, real-time response to high volume of vendor questions.
- ☐ AI-powered supporting data recognition, triple audit capacity.
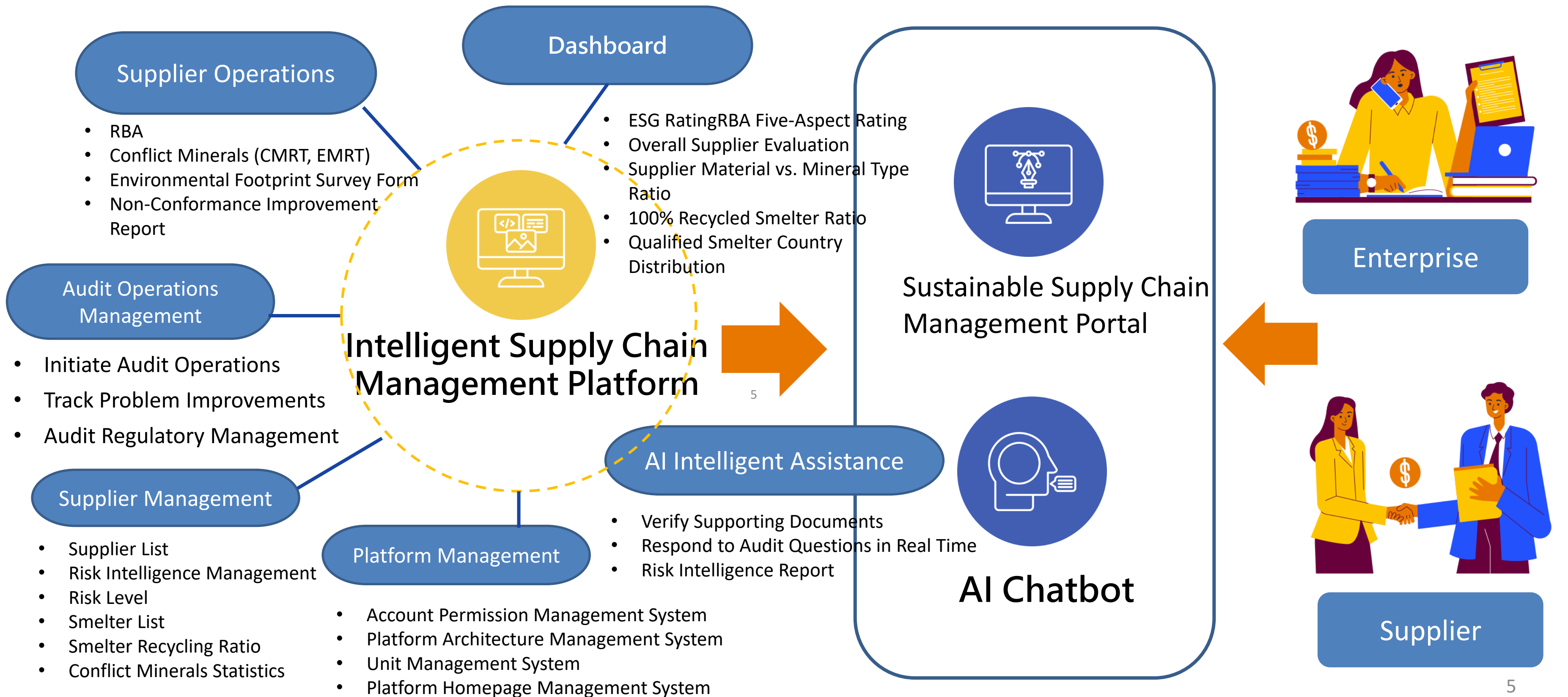
Data Empowerment

- ☐ Data analytics enables precise identification of high-risk suppliers, mitigating supply chain disruption risks.
- ☐ Data application enhances business agility and decision-making speed, facilitating real-time risk response and impact cost assessment.

Platform structure

Supplier Operations

- RBA
- Conflict Minerals (CMRT, EMRT)
- Environmental Footprint Survey Form
- Non-Conformance Improvement Report

Dashboard

- ESG RatingRBA Five-Aspect Rating
- Overall Supplier Evaluation
- Supplier Material vs. Mineral Type Ratio
- 100% Recycled Smelter Ratio
- Qualified Smelter Country Distribution

Audit Operations Management

- Initiate Audit Operations
- Track Problem Improvements
- Audit Regulatory Management

Supplier Management

- Supplier List
- Risk Intelligence Management
- Risk Level
- Smelter List
- Smelter Recycling Ratio
- Conflict Minerals Statistics

Intelligent Supply Chain Management Platform

5

Platform Management

- Account Permission Management System
- Platform Architecture Management System
- Unit Management System
- Platform Homepage Management System

AI Intelligent Assistance

- Verify Supporting Documents
- Respond to Audit Questions in Real Time
- Risk Intelligence Report

Sustainable Supply Chain Management Portal

AI Chatbot

Enterprise

Supplier

THANK YOU
FOR YOUR ATTENTION

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