

RESPONSIBLE SOURCING OF MINERALS

THE CLIENT:

A global Supply Chain consulting firm and their client – a leading global glass manufacturer.

We were asked to develop a responsible sourcing roadmap for minerals and a technology solution to support its implementation.

The glass manufacturers market position has the ability to transform the entire sector for responsible sourcing.

THE STATUS QUO:

- We were brought in at the initial stage as functional experts for sourcing minerals responsibly.
- Limited chain of custody information beyond T1 suppliers, potentially some red flag locations.
- Pilot programs had started but no program emerged.
- No updated traceability information available.

THE OBJECTIVE:

- Build a program and a process to enable sourcing of all metals and minerals responsibly by 2025.
- Scale up the program quickly to 500-600 T1 suppliers.
- The new solution architecture should be integratable into existing systems.
- Incorporate impacts of circularity, changes in regulatory framework and regional standards into the concept.

THE APPROACH:

- A tool evaluation based on features, future fit, flexibility and compliance to functional requirements was done.
- A particular focus was put on the potential to use Blockchain technology.
- We assessed the client's current "Code of Conduct" and proposed changes to reflect the new objectives outlined.
- We proposed a way to engage suppliers



THE RESULT:

- ✓ Overview of Responsible Minerals / Mining associations with their respective certification / verification schemes relevant for the client's client.
- ✓ Roadmap for responsible sourcing of metals and minerals by 2025 considering the engagement of all suppliers T1, T2, .. Tx along the glass manufacturers upstream supply chain.
- ✓ Definition of the functional requirements for a new application that could be integrated into the glass manufacturers ERP system.