

MSCI Supply Chain Intelligence

Identify supply chain risks beyond company disclosures



Why supply chain visibility matters

Supply chain disruptions have moved from an operational concern to a direct investment risk. Geopolitical shocks and climate events are exposing a structural data gap, because the vast majority of listed companies disclose no formal supplier relationships.

Existing tools capture only what companies choose to report — creating a blind spot biased toward larger issuers in disclosure-friendly jurisdictions. A single prolonged disruption can reduce 30–50% of one year's EBITDA.¹

What MSCI Supply Chain Intelligence provides

MSCI Supply Chain Intelligence provides a modelled view of Tier 1 and Tier 2 supplier dependencies, country exposures and concentration risks for 11,000+ listed issuers across the MSCI ACWI Investable Market Index (IMI).

Built on MSCI GeoSpatial Asset Intelligence, a verified database of 4M+ asset locations across 780,000+ companies, the model reflects where production actually happens, not where companies are headquartered or what they choose to report.

11,000+

Listed issuers across the full ACWI IMI universe

4M+

Verified asset locations (GeoSpatial Asset Intelligence)

400+

Activities mapped per issuer across 140+ country regions

Source: MSCI Sustainability & Climate* Research, 2026 (as of April 2026)

¹ McKinsey Global Institute — Risk, resilience, and rebalancing in global value chains

*MSCI Sustainability & Climate products and services are provided by MSCI Solutions LLC in the United States, MSCI Solutions (UK) Limited in the United Kingdom, MSCI Solutions (Deutschland) GmbH in the EU and certain other related entities.



Portfolio risk and look-through analysis

- Break down holdings into five layers — domicile, operations, Tier 1 supply, Tier 2 supply and sales — revealing real geographic exposure
- Identify shared-supplier dependencies and concentration risk that sector and country limits miss
- Stress-test portfolios against trade route disruptions and geopolitical events

Who could benefit?

Investment teams

Identify hidden country supply exposure across holdings. Find non-obvious beneficiaries of reshoring and trade policy shifts.

Risk teams

Identify shared Tier 2 dependencies across the book. Quantify margin impact through cost pass-through modelling.

Quantitative researchers and Sustainability teams

Use supply chain concentration (HHI) and look-through country weights as candidate factor signals. Access Tier 1 and Tier 2 supplier data to align with due diligence and disclosure requirements.



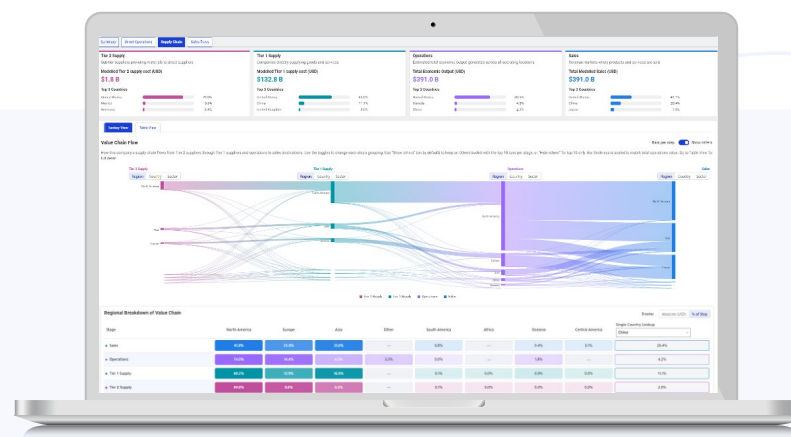
Index construction and thematic exposure

- Build sovereignty and reshoring strategies grounded in actual supply economics, targeting genuine economic exposure to a country or region, not just where companies are domiciled
- Trace policy tailwinds — defence spending, nearshoring mandates — through non-obvious Tier 2 beneficiaries
- Use supply chain concentration (HHI)* and look-through country weights as factor signals



Regulatory reporting and corporate risk management

- Map Tier 1 and Tier 2 supplier networks to align with regulatory reporting requirements, including IFRS S2
- Quantify cost-base impact of geopolitical events — finance-ready output, not just risk flags
- Benchmark supplier risk profiles against industry peers without relying on supplier questionnaire responses



MSCI ONE dashboard

Visualize and explore the model

- Look-through exposure across five layers (domicile, operations, Tier 1, Tier 2, sales)
- Cost pass-through and concentration analysis at issuer and portfolio level

*Herfindahl-Hirschman Index — a standard measure of market concentration.

Why MSCI?

Built from economic modelling, not disclosure

Coverage starts from a complete model of how each issuer operates and trades, enriched with disclosed relationships where available. That gives extensive coverage — not limited to companies that choose to report.

Designed to help with regulatory alignment

Designed to help clients align with due diligence and disclosure requirements and value chain reporting. MSCI does not guarantee that use of this product will result in regulatory compliance, as obligations vary by jurisdiction and circumstance.

Connected across the MSCI ecosystem

Supply Chain Intelligence is the data link between our location intelligence and the interconnected map of global trade. It can be integrated with MSCI Indexes, Climate Analytics, ESG Ratings and MSCI Analytics products such as Barra Portfolio Manager. Available via MSCI ONE and Snowflake.

Take the next step

Contact your MSCI client service representative or visit [msci.com](https://www.msci.com)

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To learn more, please visit

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