



Veridian Pact Whitepaper

The Green Ledger Shift

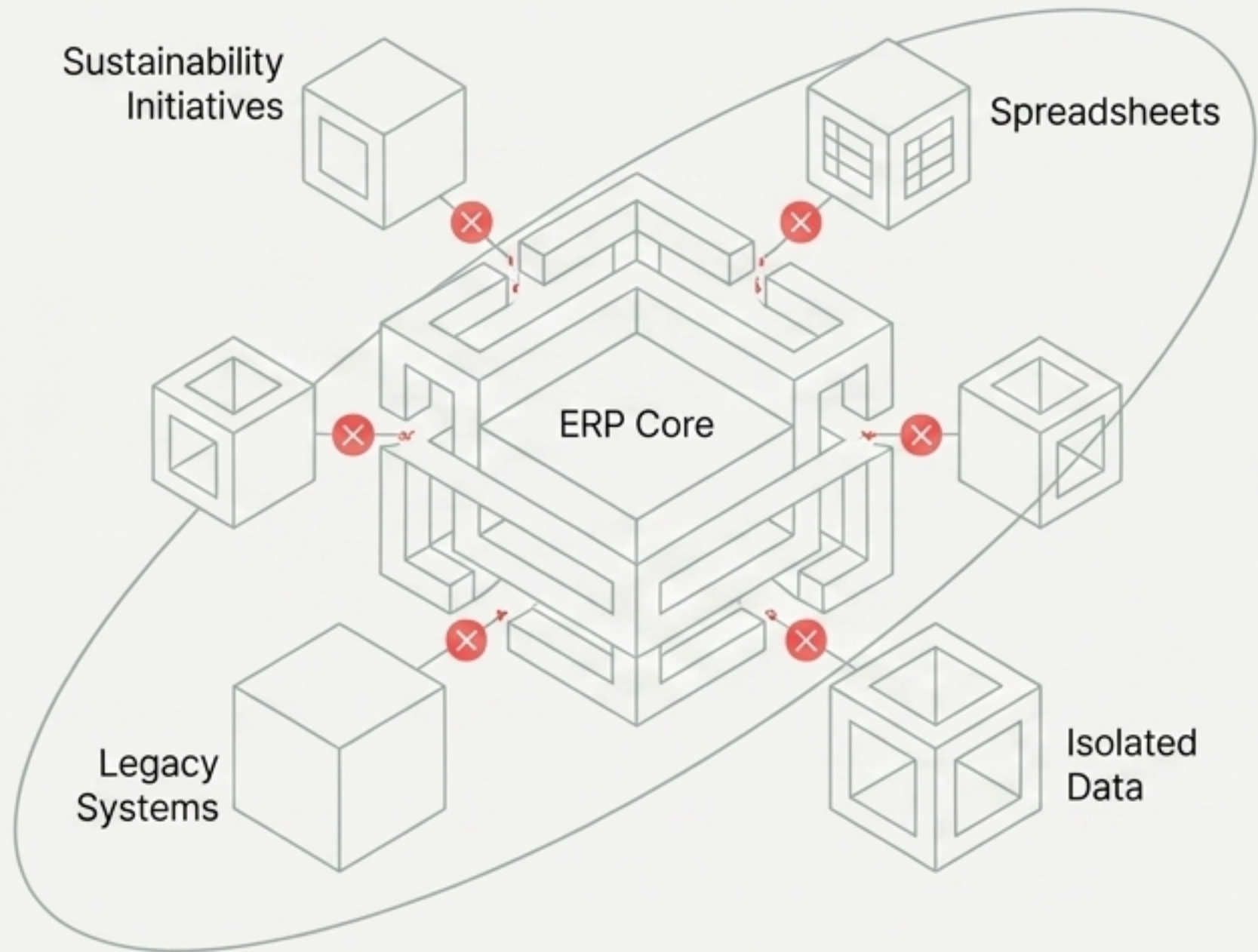
Vision. Pact. Progress.

The 'Green Ledger' Paradigm Shift

Upgrading to S/4HANA is a once-in-a-decade window. The era of treating sustainability as a peripheral reporting exercise is over. To achieve audit parity and drive true strategic value, environmental data must be managed with the exact same financial rigor as your balance sheet.

*What gets measured, gets managed.
What gets valued, gets protected.*

The Critical Mistake: The Fragility of 'Bolt-On' ESG



Fragmented Perimeters

Data siloed in spreadsheets and disconnected sustainability initiatives.

Manual & Reactive

High-effort, backward-looking reporting that scales poorly.

Greenwashing Risk

Inconsistent data quality lacking a Single Source of Truth.

Technical Debt

Spending years maintaining costly integration patches outside the core architecture.

Strategic Architecture: The 'Baked-In' Green Core

Translating ESG goals into sustainable business processes, directly within daily operations.

Sustainability Add-Ons

Integration Layer

SAP Core (FI/CO, MM, SD)

Master Data Management (SAP MDG)

Data Ownership at Source

ESG attributes captured by originating business functions.

Quality by Design

Validation and derivation logic built directly into master data.

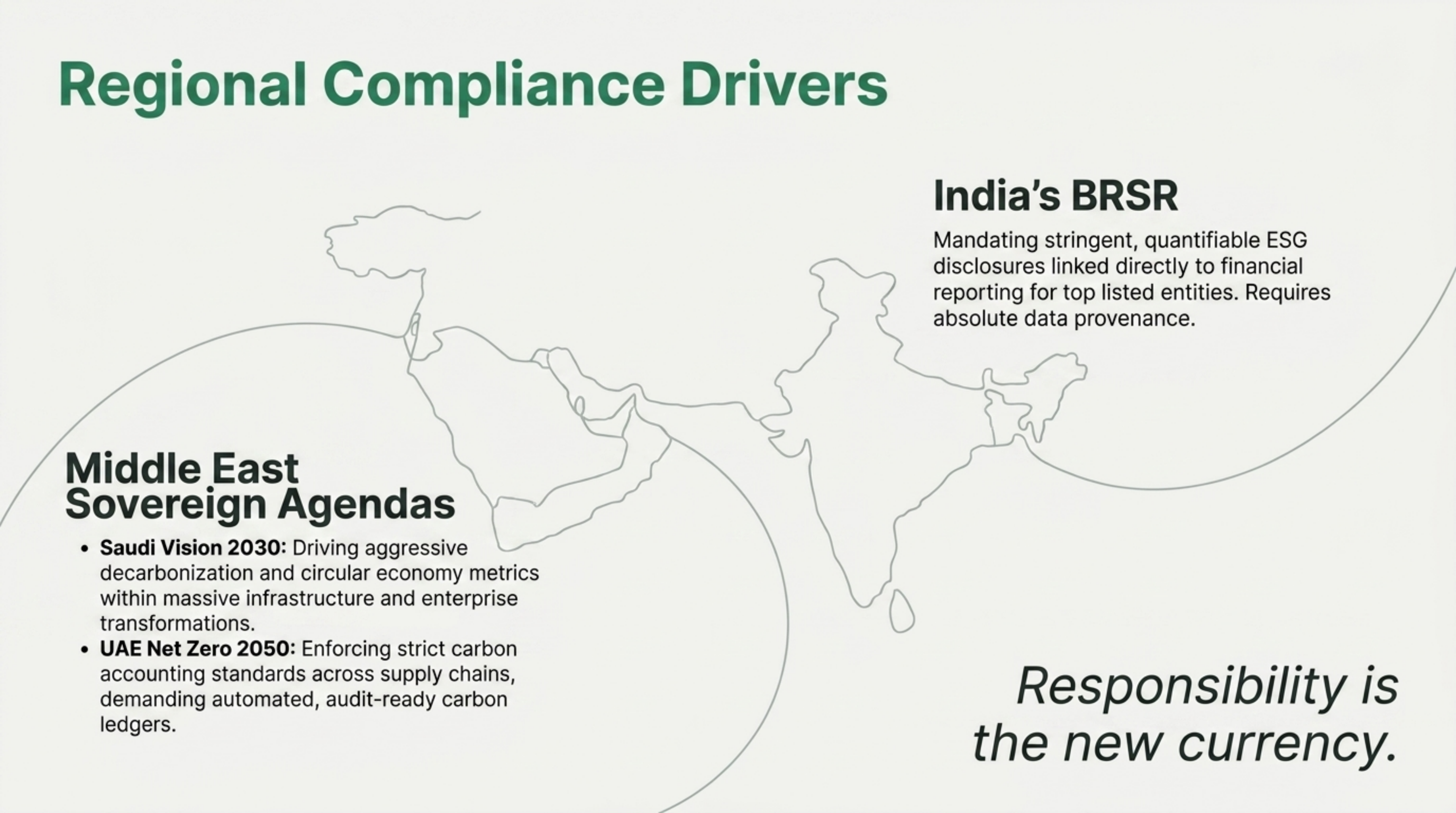
Auditability Parity

Environmental impacts feed directly into a centralized Green Ledger.

Comparative Matrix: The Architectural Divide

Dimension	Bolt-On	Baked-In
Data Strategy	Disconnected & Siloed	Single Source of Truth (SAP MDG)
Auditability	High-effort, reactive reconciliation	Financial-grade audit parity
System Risk	Fragile perimeter integrations	Robust, standard SAP Core
Change Management	Superficial system training	Deep cultural & operational shifts
AI Readiness	Unstructured, noisy data lakes	Clean, structured knowledge graphs

Regional Compliance Drivers



India's BRSR

Mandating stringent, quantifiable ESG disclosures linked directly to financial reporting for top listed entities. Requires absolute data provenance.

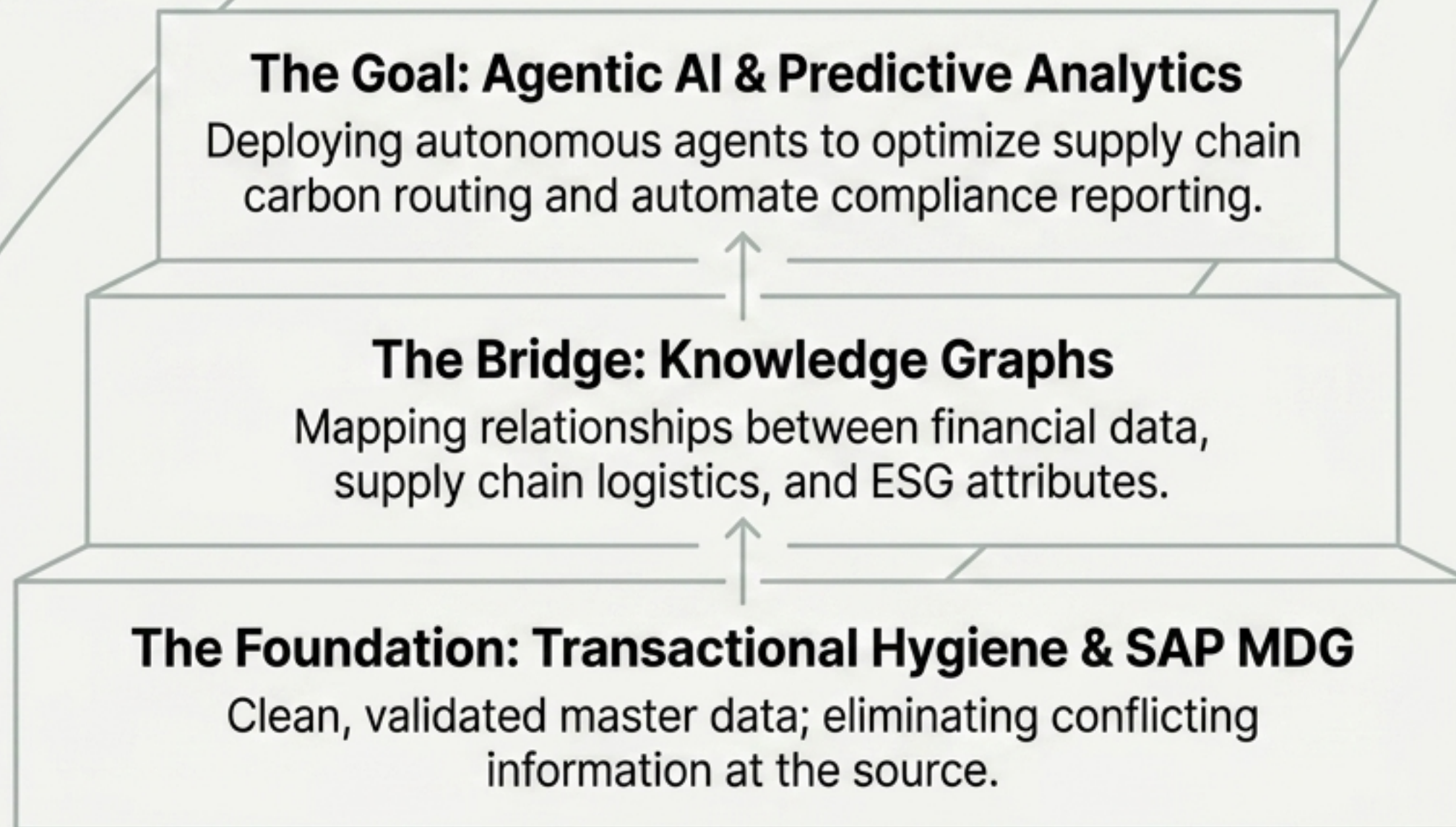
Middle East Sovereign Agendas

- **Saudi Vision 2030:** Driving aggressive decarbonization and circular economy metrics within massive infrastructure and enterprise transformations.
- **UAE Net Zero 2050:** Enforcing strict carbon accounting standards across supply chains, demanding automated, audit-ready carbon ledgers.

*Responsibility is
the new currency.*

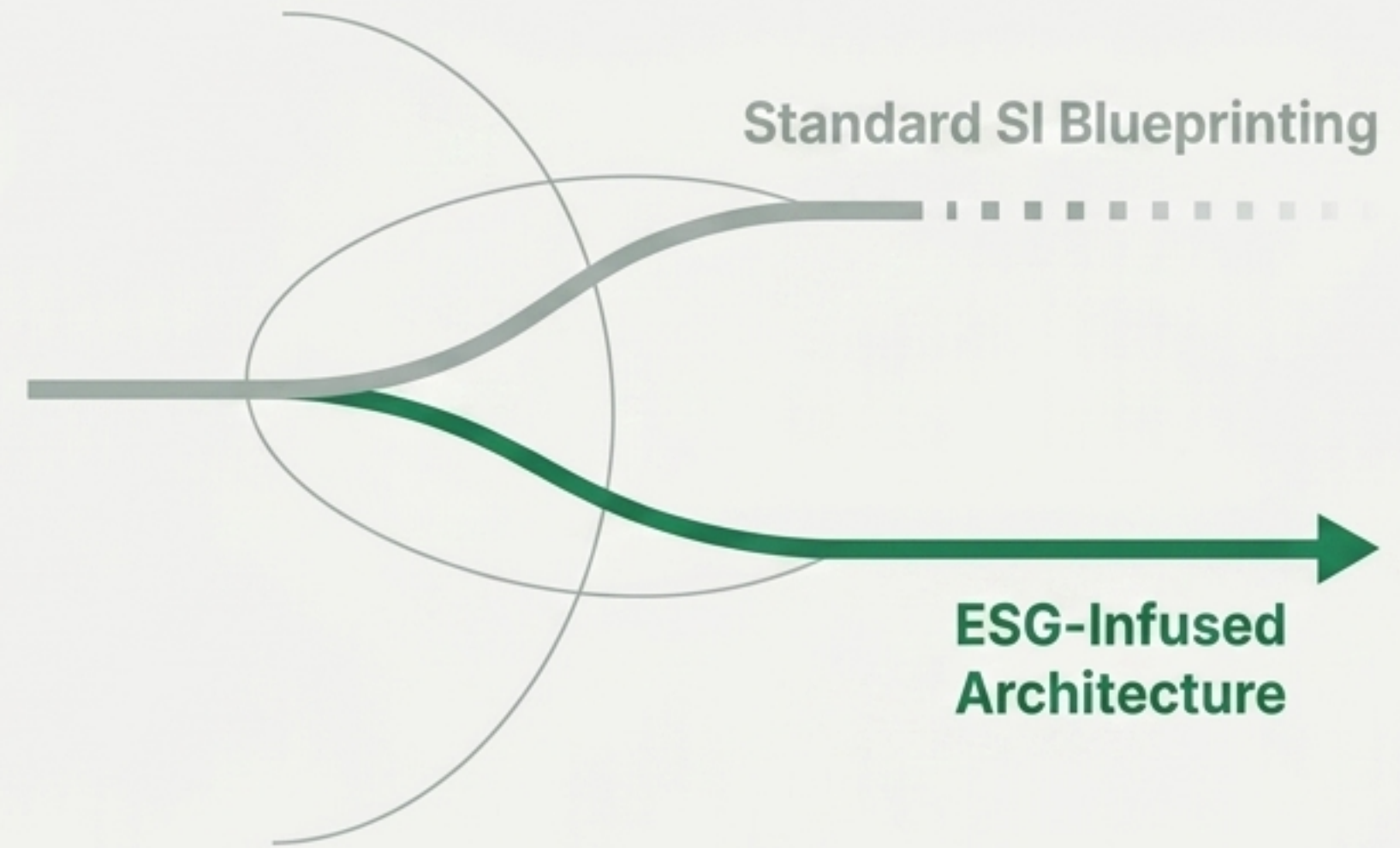
Applied AI: Preparing the Core

Pragmatic, high-ROI AI applications fail in unstructured data lakes.
True Applied AI requires a structured, governed Green Core from Day 1.



The Accelerator Gap

Why do massive S/4HANA transformations still result in disjointed ESG reporting?



The Blind Spot

Standard Systems Integrators (SIs) focus purely on financial and operational flows, entirely missing parallel environmental ledgers during the critical blueprinting phase.

The Cost of Retrofitting

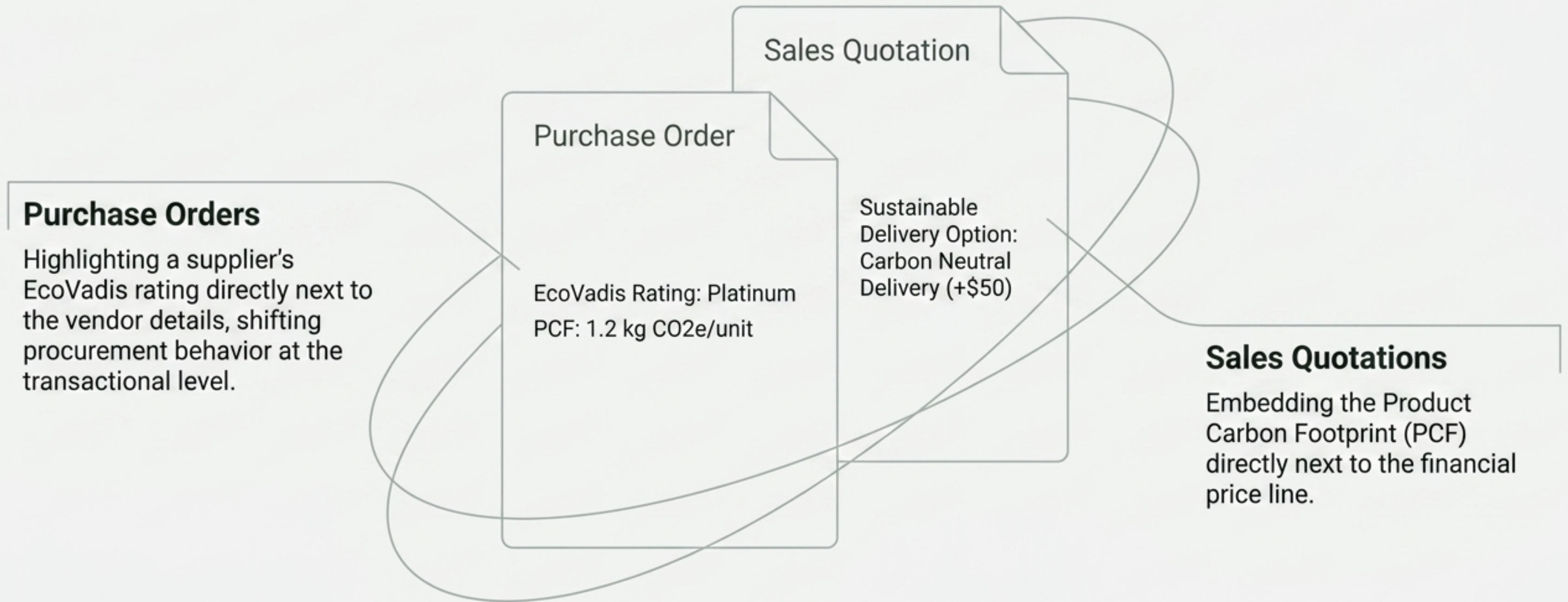
Designing for sustainability after the core is built results in fragile custom code (WRICEF) and technical debt.

The Solution

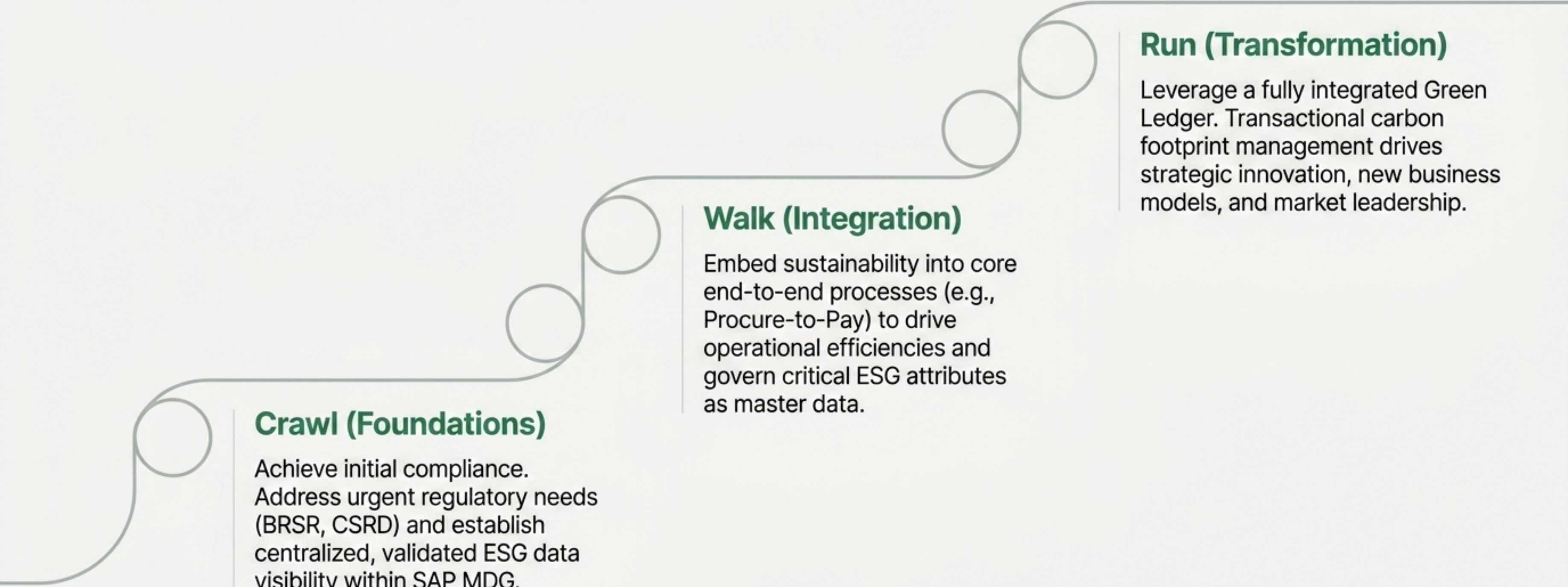
Specialized architectural advisory that views standard SAP quality principles exclusively through an ESG lens.

The 'Green' WRICEF: Tangible Outputs

Embedding ESG principles directly into SAP-generated documents and workflows transforms compliance from a reporting burden into an active, operational driver.



The Phased Journey: Crawl, Walk, Run



Crawl (Foundations)

Achieve initial compliance.
Address urgent regulatory needs (BRSR, CSRD) and establish centralized, validated ESG data visibility within SAP MDG.

Walk (Integration)

Embed sustainability into core end-to-end processes (e.g., Procure-to-Pay) to drive operational efficiencies and govern critical ESG attributes as master data.

Run (Transformation)

Leverage a fully integrated Green Ledger. Transactional carbon footprint management drives strategic innovation, new business models, and market leadership.

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Start an Advisory Dialogue

Whether you need an informal sanity check
on your S/4HANA ESG strategy, or want to
brainstorm applied AI use cases, let's connect.
Build for the next century, not the next quarter.

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