

Data governed at scale.

How Metlen turned 24 disparate data domains into one governed, queryable source of corporate truth.

One platform. Every data domain. One version of the truth.

METLEN, one of Europe's largest industrial and energy companies, needed to govern the data assets behind a €6.35bn business operating across 30 countries.

Performance built a Big Data Governance platform on Azure and SAS that centralises, qualifies, and makes searchable every data asset across the company's entire portfolio — from renewable energy production to aluminium smelting.

The 1 Thing

METLEN turned 24 disparate data domains into one governed, queryable source of corporate truth.

The company's strategic expansion — accelerating renewable energy production across Greece, the EU, and beyond — depends on clean, traceable, and trusted data. Without governance at scale, that ambition runs on sand. Performance built the foundation.

Industry: Energy & Metals • **Size:**
5,400+ employees / €6,35bn revenue
• **Geography:** Greece / 30+ countries •
Challenge: No centralised governance
• **Outcome:** Big Data Governance
platform serving 2,500 users •
Vendors: SAS • Microsoft

Situation & Complication

METLEN operates two major business divisions — Energy and Metallurgy — across more than 30 countries, with a turnover of €6.35bn and over 5,400 employees.

Its strategic investment programme targets accelerated expansion of renewable energy across Greece and the European Union, backed by €400m in EIB financing.

Every decision in that programme — from production planning to regulatory reporting — **runs on data.**

The challenge was not a lack of data. METLEN has data in abundance.

The problem was governance: the company's corporate data resided across 24 separate business domains — retail energy, energy production, metals extraction and recycling, portfolio management, customer care, sales, and more — with no unified catalogue, no common definitions, and no systematic way to trace how data moved from source systems to the KPIs that executives relied on.

Without central governance, the data itself became a risk.

Data owners across business units worked in silos, with no shared language for what key terms meant or how data quality was measured. Regulatory compliance obligations — GDPR, internal codes of conduct, sustainability reporting — required a level of data traceability and auditability that fragmented systems simply could not provide. The company needed to govern its most valuable corporate asset. It had no platform to do it.

Resolution

Performance Technologies approached the engagement as a data architecture challenge, not a tooling project.

Data governance as an architecture challenge, not just tooling choices

The starting point was methodology: the CRISP framework (Cross Industry Standard Process for Data Analytics) was applied to structure the engagement in iterative phases, with clear ownership at each stage – IT Data Management & Data Governance as project owner, IT Infrastructure for technical integration, and Business Stakeholders (the data owners themselves, per business unit) for requirements, validation, and sign-off.

Coordination was facilitated through weekly status reporting and structured workshops embedded within METLEN's broader digital transformation programme. That governance discipline – applied to the governance project itself – ensured that the platform delivered was adopted, not just deployed.

The solution was built on SAS Institute on Microsoft Azure, combining four specialist components. SAS Business Data Network provides the central repository: a unified Business Glossary, Big Data Catalogue, and Data Dictionary covering all 24 data domains, with automated scanning of Power BI workspaces for new reports and KPI calculations. SAS DataFlux handles data quality rule creation and automated execution – business users define rules in plain language; the system translates and runs them automatically. SAS Data Lineage tracks the complete journey of every data asset from Azure Landing Zone through all transformation layers to the final Power BI presentation, with no manual correlation required. SAS Visual Analytics provides exploratory querying across the entire data estate for data scientists, engineers, and business users alike.

How Performance Made It Possible.

METLEN had the ambition and the strategic imperative.

What it needed was a partner with the technical depth to architect a custom solution across four SAS components and Azure, and the methodology to align IT teams, business stakeholders, and data owners across a complex, multi-division organisation.

Performance brought both. The decision to apply CRISP as the governing methodology – not just as a project management framework, but as the design logic for the platform itself – is what made the phased delivery tractable and the adoption real.

Impact

The numbers are specific because the platform counted them. That is itself part of the story.

Beyond the scale metrics, the capability shift is concrete. Business data quality checks — previously manual, inconsistent, and siloed — are now automated: rules are defined once, executed automatically, results stored and visualised in real time.

Managing a business of this scale across 24 data domains and 30 countries means that data governance is not an IT project — it is a strategic capability.

At the time of final handover the METLEN Big Data Governance platform managed:

- **24 data domains** in a single central Data Lake House — retail energy, energy production, metals extraction, portfolio management, and more
- **1.897 data tables** covering the full scope of corporate information, organised across data layers
- **64.411 data fields**, each catalogued, defined, and governed
- **1.960 PowerBI KPIs**, including calculated columns and measures across all dynamic reporting
- **2.500 users with self-service access** to a web interface for data catalogues, definitions, and quality indicators

Strategically, this allows METLEN to execute its investment programme on a data foundation that scales.

Decision-making across risk management, regulatory compliance, customer service, pricing strategy, and production forecasting now runs from a single, governed source of corporate truth.

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Contact us to discuss how you can improve your data governance

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