

## The Sustainability Data Management Framework

### Configure Sustainability Data Cards to capture and manage sustainability data, assessments and compliance criteria.

Organizations are increasingly required to report against assessments and disclosures relating to sustainability standards. This will be necessary to remain appealing to investors, trading partners and customers, and to satisfy legislative and regulatory requirements. Sustainability Data Cards may be used to consolidate and centrally govern the data you need to meet those compliance, regulatory and consumer reporting requirements.

Stibo Systems' master data management platform enables you to manage not only your core operational master data, such as product, supplier and location information, but also efficiently collect sustainability data from heterogenous sources, for instance suppliers, in order to comply with the global sustainability assessments and disclosures your business is measured against.

**Data management experts and sustainability leaders must collaborate. The Sustainability Data Cards are designed to facilitate that collaboration.**

#### The data challenge

- The vast array of sustainability reporting standards, assessments, disclosures and certifications that exist today is making compliance reporting a daunting task due to the amounts of data that need to be gathered, managed and processed.
- You need to gather and manage huge data volumes, much of which must come from external manufacturers, suppliers, sub-suppliers, agencies, etc. The process of gathering all that data must be streamlined in a consistent, governed format that meets rules and policy requirements.
- Data and performance need to be recorded and measured against sustainability assessments and their criteria. This includes ongoing management, maintenance and tracking of certificate expirations, as well as tracking compliance status of products and delisting if necessary.

### Sustainability Data Cards

#### Key Benefits:

#### For Stibo Systems MDM users – No additional software required

The Sustainability Data Cards are a framework within your existing MDM, fully integrated into the platform (STEP). This means you can benefit from all the available platform flexibility and functionality without requiring additional tooling, giving you control over your total cost of ownership.

#### Focus on what is important to you

There are more than 600 standards in the market to measure and report sustainability ambitions. Stibo Systems MDM provides you with workflows that help you define your sustainability goals and allows you to create tailored assessments for these.

#### Stay on top of your sustainability compliance requirements

ESG compliance is an evolving topic. Many requirements are still unclear and change on a regular basis. The Sustainability Data Cards give you the flexibility to adjust your sustainability requirements quickly and enable you to respond to new requirements efficiently.

#### Enable different stakeholders

As a single platform for multiple data domains, Stibo Systems MDM facilitates collaboration between business users, data management teams and sustainability experts, all adhering to the same, unified data governance framework.

- Products must be reported against multiple assessments and meet requests from consumers. This makes publication and syndication of sustainability data to a range of channels necessary.
- In order to comply and meet requirements, you need to build a 360-degree view of specific products' sustainability status. This is achieved by efficiently linking and connecting data about products, ingredients, materials, packaging, recycling, suppliers, manufacturing processes, transport, emissions, water usage, etc.

**600+ standards for companies, products, processes and partners.**

There are hundreds of sustainability frameworks globally, many of which will be industry or even category specific, to which companies may (or have to) subscribe. Most popular are UN, CDP, SASB, TCFD, GRI, Digital Product Passport (DPP in the EU). Furthermore, existing standards are subject to change.



**The solution**

- Drive additional value from your MDM platform: Apply master data discipline, tools, policies and governance to sustainability data.
- Model your data to fit your needs: The MDM platform provides a framework that allows you to model your master data so it facilitates compliance with any assessment and associated criteria while displaying adequate flexibility and agility to adapt to inevitable changes.
- Get the data right the first time: Using Stibo Systems MDM, you can onboard data with a structured and policy-driven approach applying data quality, accuracy and completeness rules, and subject onboarded data to approval workflows.
- Build Sustainability Data Cards: Capture sustainability data for products, conform to assessments and link to core product data.
- Separate concerns: All sustainability data, although linked, is separated from core product information. The separation ensures performance and simplicity of data management, and it enables collaboration between product owners and sustainability data specialists, without impacting business-as-usual.

(Minimum supported release: Stibo Systems STEP 2023.4)

Multidomain MDM with the Sustainability Data framework is a solution that provides the foundation for businesses to build out the sustainability data processes and assessments relevant to them.

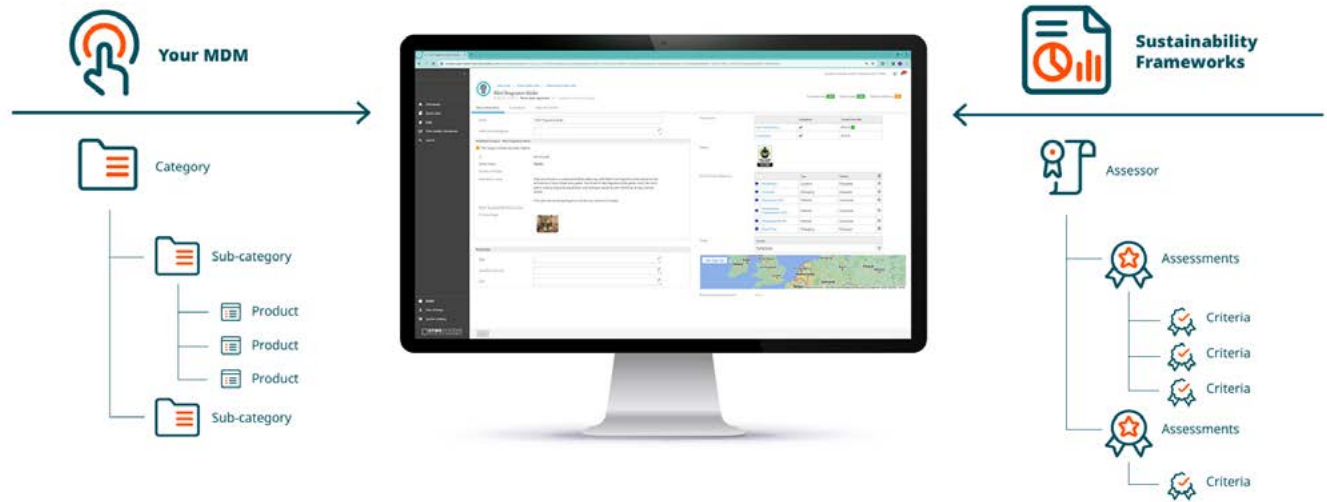


## Sustainability Data Cards

### A foundation for sustainability data management and reporting

The Sustainability Data Card pulls together your master data and your assessment criteria in one view. This allows you to see exactly how a particular product is performing against certain standards.

Three closely related components provide you with a single view of sustainability data without overloading your core product information with dozens of additional attributes.



**1** Continue to use your Master Data Management (MDM) solution for onboarding and governing product, supplier and location master data.

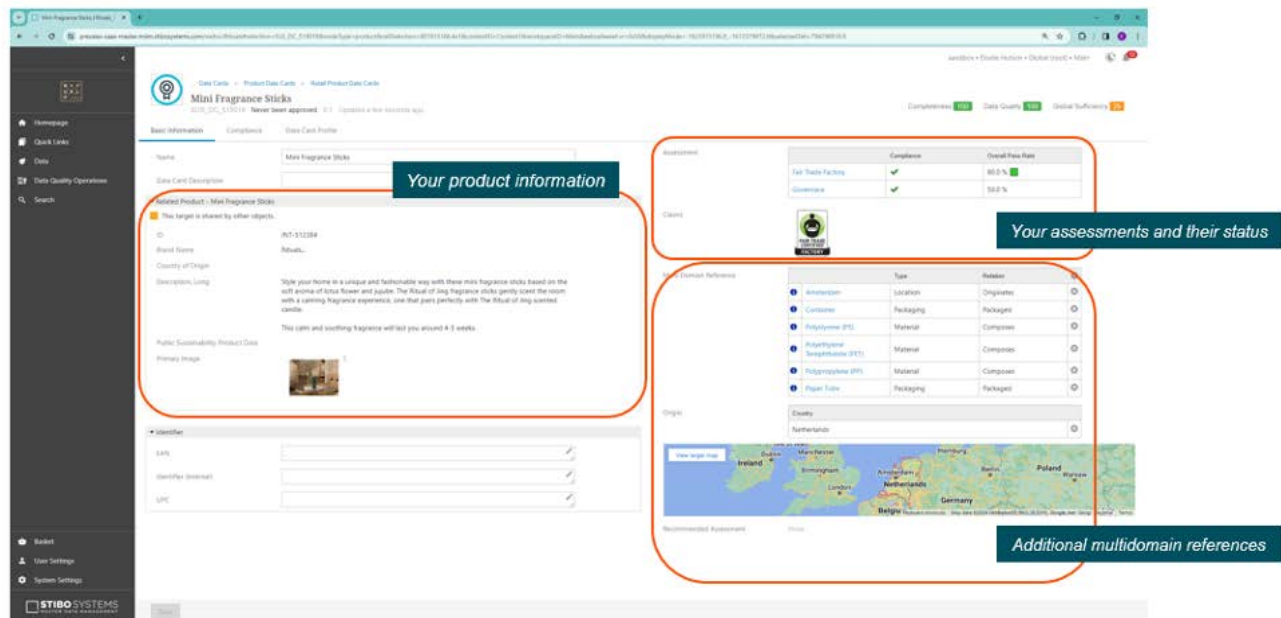
**2** The Sustainability Data Card combines selected product information with relevant sustainability data.

**3** Evaluate against standards and compliance regulations and create and maintain the relevant assessments for your products, materials, suppliers, etc.



The Sustainability Data Card comprises three views on one screen:

- General product information derived from the product information management system, including the product ID.
- A list of the assessments the product is measured against, including the product's completeness status.
- Additional master data references that are relevant for sustainability assessment, e.g., location, packaging and material.

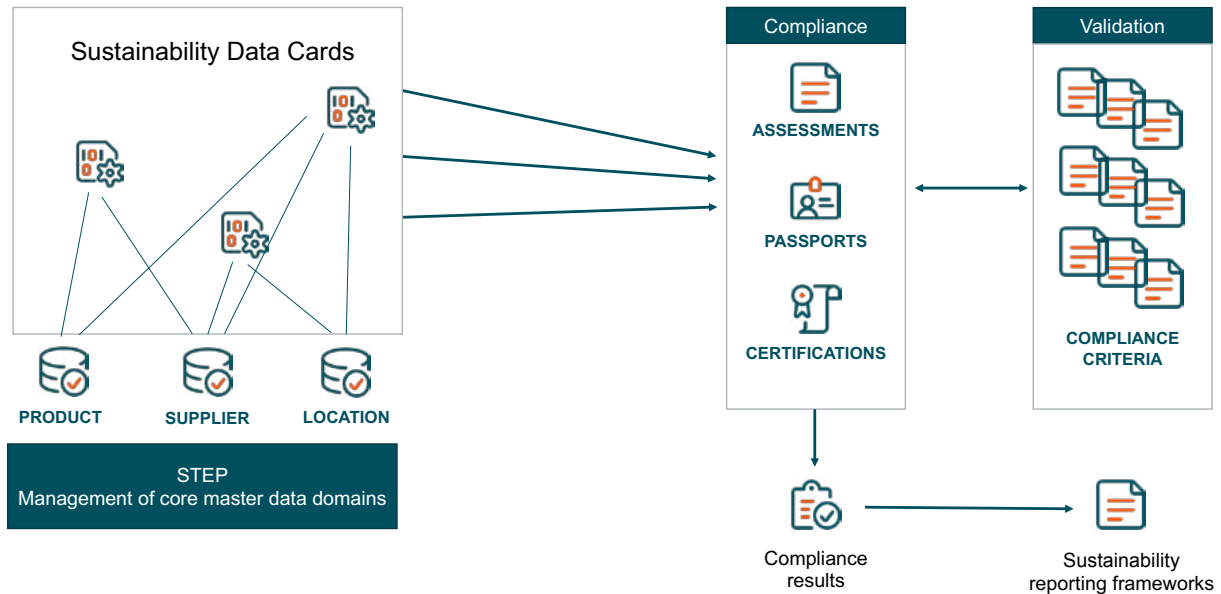


Sustainability Data Cards make it easy for you to complete sustainability reports. The sustainability data framework provides a readymade packaged template to rapidly model data to meet the requirements against which you want to report. You design the Sustainability Data Cards according to your business goals.

Configuring Sustainability Data Cards on the Multidomain MDM platform with its robust data management and governance capabilities underpins the solution and allows businesses to accelerate sustainability compliance, providing transparency, traceability and accessibility and rapidly implement a sustainability data management solution that delivers immediate value.

How Sustainability Data Cards are linked to master data and assessments:

**Sustainability compliance and reporting - a framework of the Stibo Systems enterprise platform**



**Business partner collaboration**

The Sustainability Data Cards can capture compliance scores and measurements against hundreds of categories and criteria, and much of this can be automated, uploaded by suppliers or collected from third-party business rating agencies and clearing houses through API integrations.

There is a large ecosystem of sustainability data providers, e.g., Ecovadis and HowGood, which can help enrich Sustainability Data Cards and existing MDM records, including data about suppliers, raw materials and products. MDM as an open platform makes it possible for you to integrate seamlessly with these data providers.

A supplier self-service portal allows your suppliers to provide their own sustainability credentials which will then be automatically related to all the items they supply, as well as specific data about individual raw materials, products, distribution locations, supply chains and manufacturing processes. Responses to sustainability requests and surveys from your customers and trading partners can then be streamlined from a single trusted platform that can model outputs in any desired format.

All data is modeled individually by the business, which means you are free to choose the compliance benchmarks relevant to your regulatory needs, brand and business area, and report against them for your specific stakeholders, investors, and consumers.

## Functions and benefits (underpinned by the capabilities of the Multidomain MDM platform)

<b>Configurable to fit your needs</b>	Configurable data model and business functions to support the definition of both sustainability compliance and reporting outputs.
<b>Automation</b>	Business function libraries enable event and rule-driven processes to ensure accuracy and timeliness of data collection.
<b>Short time to value</b>	<ul style="list-style-type: none"> <li>■ Pre-configured customizable screens with components configured for compliance and reporting.</li> <li>■ Pre-configured workflows for creation and maintenance of compliance objects.</li> <li>■ Pre-configured approval workflows for maintaining item and supplier compliance status.</li> </ul>
<b>A uniform approach to data collection</b>	One consistent data structure allows you to harmonize data from many sources into one common standard, eliminating the struggle of reconciling data to create multiple reports.
<b>A single source of trusted sustainability data</b>	Unify silos of data to ensure consistent governance and control and save time when collecting and managing sustainability data.
<b>Data governance and stewardship</b>	Master data disciplines, such as stewardship and governance processes, include data quality and validity checks, workflows, approvals, audit trail and business rules to ensure the completeness, accuracy and integrity of data.
<b>Seamless data sharing</b>	<p>The Stibo Systems MDM platform includes standard components to support data maintenance, transformation and export, ensuring data can be shared with BI tools, applications and third parties.</p> <p>Supporting: CSV/XLS, XML, JSON, REST, DaaS and BI integration.</p>
<b>Rapid reporting</b>	Mapping data to defined reporting formats and sustainability standards ensures traceability and governance, enabling you to produce the reports needed in a timely manner with a minimum of fuss.
<b>Track complex and hidden data relationships</b>	Traversing the complex network of interconnected products, suppliers, locations, standards, criteria and assessment goals can help discover hidden relationships that provide deeper insights into the company's sustainability profile.

To learn more about sustainability data management, visit [stibosystems.com/sustainability-data-management](https://stibosystems.com/sustainability-data-management)

### About Stibo Systems

Stibo Systems is the leading enabler of data transparency through master data management and data syndication. Built on an open platform with scalable, cloud-native SaaS technology, our solutions empower many of the largest and most innovative global companies with better data quality and visibility. This creates a trusted data foundation for enhancing operational efficiency, making informed decisions, delivering superior customer experiences and supporting sustainability initiatives. Headquartered in Aarhus, Denmark, Stibo Systems is a privately held subsidiary of Stibo Software Group, which guarantees the long-term perspective of the business through foundational ownership. More at [stibosystems.com](https://stibosystems.com).