

# EDM Webinar

## Playbook for Effective ESG and Sustainability Data Management

A tool for companies to produce reliable ESG data

*A conversation with*



**Stuart Wallace**  
Director, Financial  
Services Consulting,  
AI & Data,  
EY



**Marie-Josée Privyk**  
Founder and ESG  
Advisor,  
FinComm Services



# Today's panel

Moderator



**Eric Bigelsen**  
Head of Industry Engagement  
EDM Council



**Stuart Wallace**  
Director, Financial Services  
Consulting, AI & Data  
EY



**Marie-Josée Privyk**  
Founder and ESG Advisor  
FinComm Services



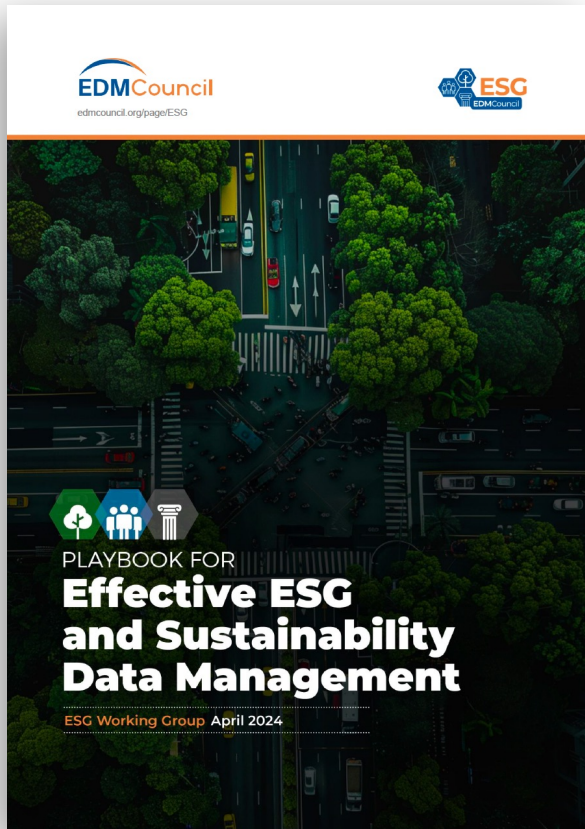
**How would you rate the current quality of ESG data available to you today?**

- **Poor**
- **Fair**
- **Good**
- **Excellent**

## What best describes you?

- **Corporate Sustainability Professional**
- **Data Management Professional**
- **Accounting or Audit professional**
- **IT Professional**
- **Other**

# Playbook for Effective ESG and Sustainability Data Management



This playbook is designed to help companies accelerate the design and execution of a data governance and management strategy for ESG and sustainability data and reporting by leveraging existing tools and known data management capability requirements.

[Click here](#) to learn more and download

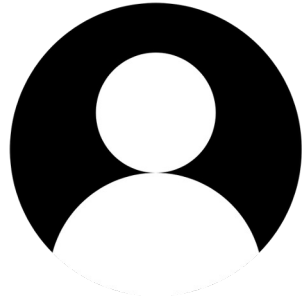
# Why?

- There is a global shift in the demand for ESG and sustainability data and the way it is used
- Regulations and standards are coming
- Companies currently lack a corporate culture that fosters appreciation for the importance of data management in meeting disclosure requirements and successfully managing sustainability-related issues

# Why this playbook?

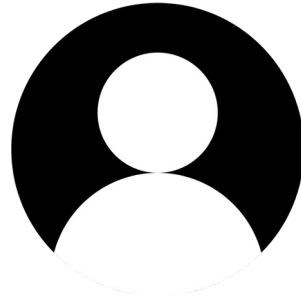
- The knowledge, processes, and tools for effective data management already exist, they simply need to be brought to ESG and sustainability practices
- Sustainability practitioners need to find a common language to engage with their counterparts in finance, data management, internal controls, and technology
- Time is of the essence

# Who is this playbook for?



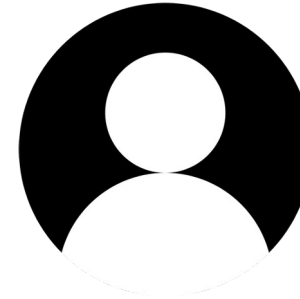
## CSO role

- Equips them to understand the internal control and data management concepts that should be applied to their data requirements



## CFO role

- Equips them to understand how application of the DCAM framework complements COSO principles and requirements and supports reliable financial and non-financial reporting



## CDO role

- Equips them to understand how the COSO internal control framework complements their capabilities to establish proper ESG data governance and management



**Are you familiar with the EDM Council's Data Capabilities Assessment Model (DCAM) ?**

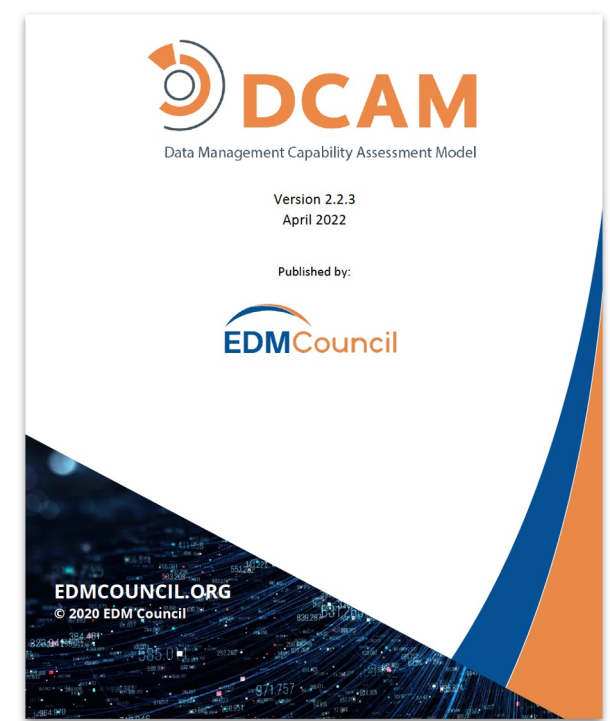
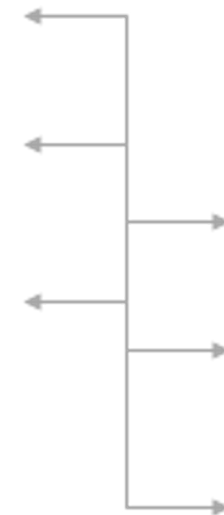
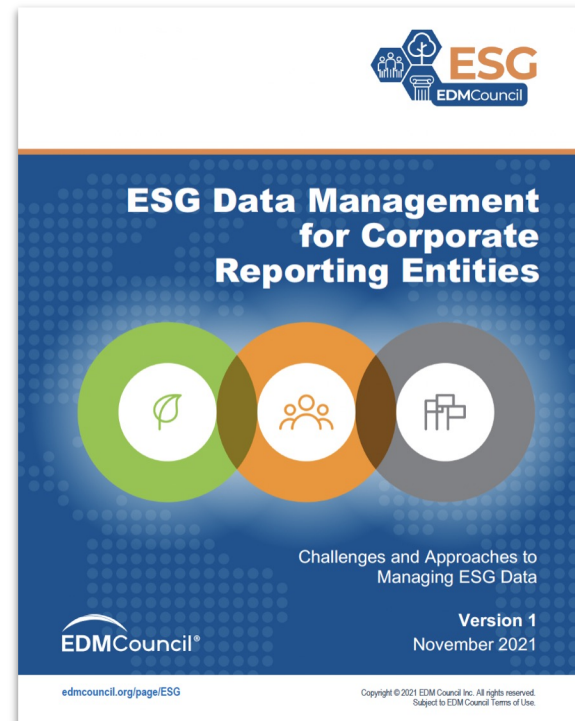
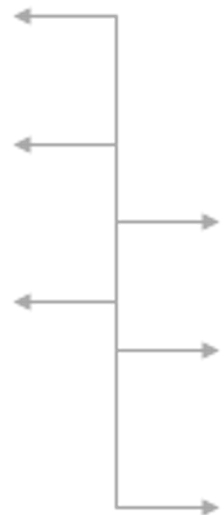
- **Not at all familiar**
- **Somewhat familiar**
- **Familiar**
- **Very familiar**

**Are you familiar with the COSO Achieving Effective Internal Control Over Sustainability Reporting (ICSR) framework?**

- **Not at all familiar**
- **Somewhat familiar**
- **Familiar**
- **Very familiar**

# Our approach

- We mapped the relevant contents of two well-established frameworks in the field of internal controls and data management to identified ESG data challenges, and therefore to each other



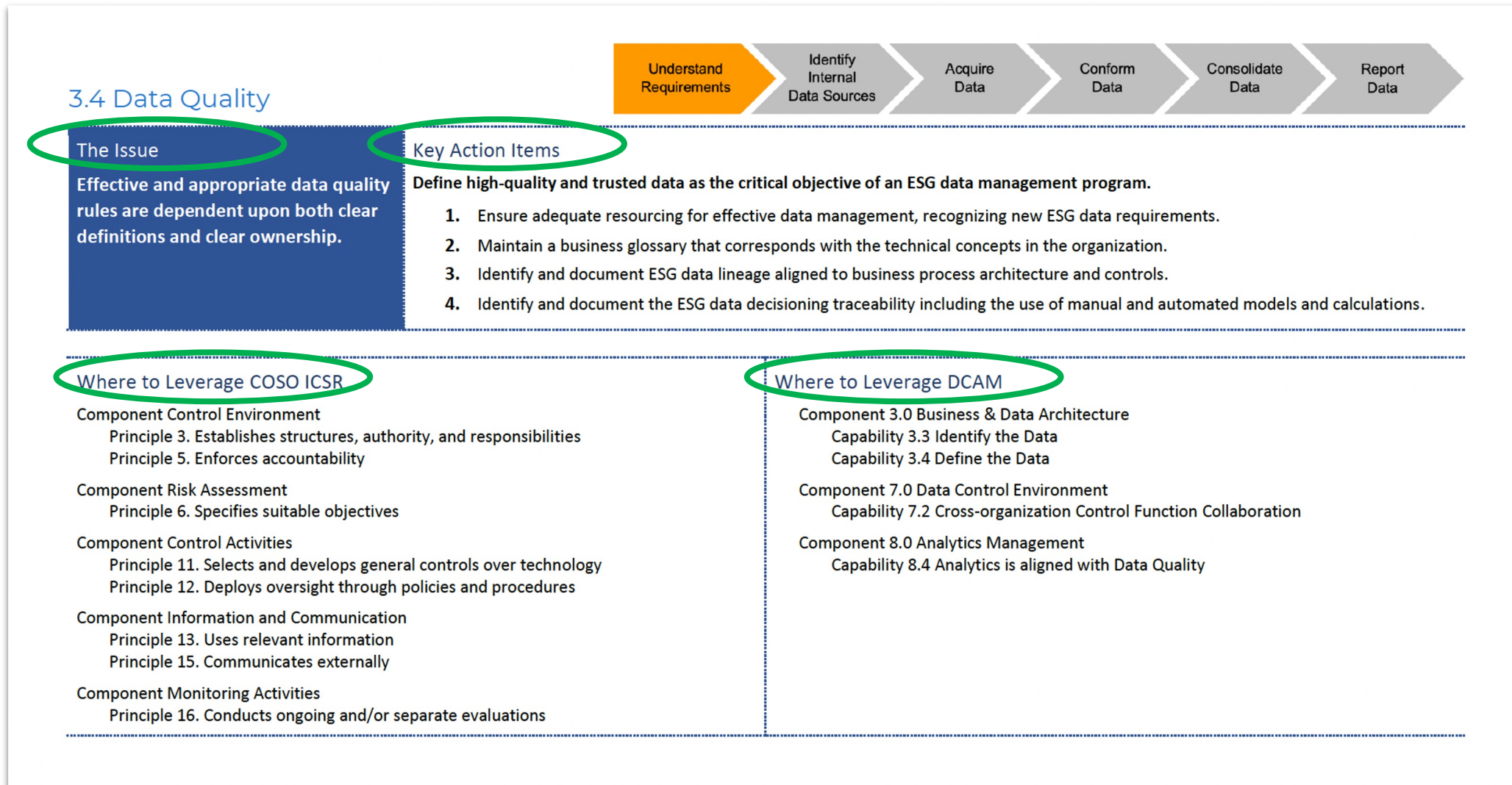
- The ESG data challenges and key action items follow the logic of the data management capabilities value chain



*Illustration of the data management capabilities value chain and milestones*

- Readers less familiar with data management terminology are invited to consult the EDM Council's [glossary of terms](#).

## Illustration of mapping in the playbook



## Illustration of mapping in Solidatus

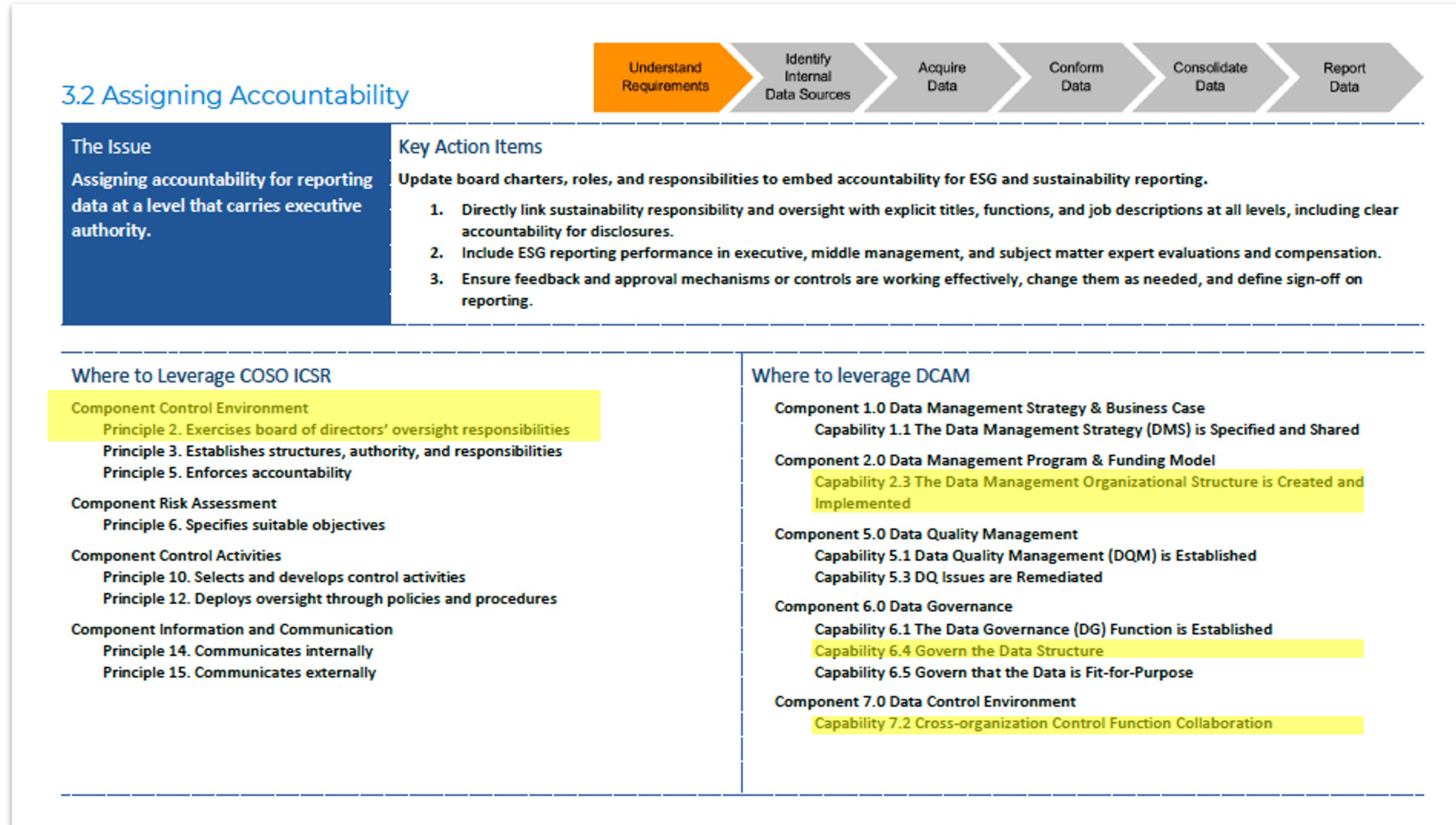
The screenshot displays the Solidatus interface with three main panels:

- Left Panel (COSO Sustainability):** Contains five components:
  - Component 1 Control Envir... (2(7))
  - Component 2 Risk Assessm... (1(4))
  - Component 3 Control Activi... (2(7))
  - Component 4 Information a... (2(6))
  - Component 5 Monitoring A... (1(3))
- Middle Panel (Corporate Entity Paper):** Contains a central 'Issues' box with 'Issue 4: Data Quality' (4) highlighted. Other items include 'Issue Overview', 'Key Considerations', 'Target State', and 'Advice'.
- Right Panel (DCAM V2.2):** Contains four main sections:
  - Business & Data Architect... (2(140))
  - Data Control Environment (1(49))
  - Analytics Management (1(53))

Arrows indicate the mapping from COSO components to the 'Issue 4: Data Quality' box, and from that box to various sub-items in the DCAM V2.2 framework. A central vertical bar is labeled 'Doc-COSOP Framework Page #'. The interface includes a top navigation bar with 'HOME', 'GRAPH', 'ADMIN', and 'AD' options, and a left sidebar with various tool icons like 'Undo', 'Redo', 'Save', 'Share', 'Rules', 'Filters', 'Reports', 'Views', 'Auto map', 'Expand', 'Collapse', 'Show trace', 'Options', and 'Recenter'.

This view provides context and traceability to focus on what has been mapped to Issue 4 Data Quality

## An example of mapping the contents



## Data issue 3.2 Assigning accountability for reporting data at a level that carries executive authority

An organization may be at one of many various stages of their sustainability journey, which directly impacts how to assign accountability for ESG data. For many organizations, ESG is not subject to executive management oversight because reporting remains within a business silo, such as human resources, investor relations, or corporate responsibility. Senior management of such organizations typically perceive ESG issues as non-material, and reporting is seen as a communications exercise.

However, external stakeholders—including investors, customers, communities, and regulators— increasingly expect the board of directors to oversee the integration of ESG considerations into business strategy and monitor performance over time.

Companies with leading sustainability practices have established board-level oversight of ESG risk and opportunities, well-defined governance structures, charters, policies, and processes designed to integrate ESG into strategy, risk management, performance measurement, and reporting.

### COSO ICSR guidance

Component Control Environment - Principle 2. Exercises board of directors' oversight responsibilities

**The board of directors demonstrates independence from management and exercises oversight of the development and performance of internal control. (ICIF-2013-2)**

Oversight by an independent board of directors serves as a check that management is acting in accordance with the organization's sustainable business objectives.

► **Establishes oversight responsibilities** - A board of directors executes its responsibilities over sustainable business management through a system of oversight that facilitates the organization's satisfaction of mandates and expectations. Often, the organization's board of directors establishes structures, such as a designated committee or subcommittee, to oversee the organization's sustainable business activities and reporting. This may necessitate amending existing organizational documents such as the articles of incorporation, bylaws, or charters.

### DCAM framework

Capability 2.3 The Data Management Organizational Structure is Created and Implemented

Capability 6.4 Govern the Data Structure

Capability 7.2 Cross-organization Control Function Collaboration

### Playbook action items

Update board charters, roles, and responsibilities to embed accountability for ESG and sustainability reporting.

1. Directly link sustainability responsibility and oversight with explicit titles, functions, and job descriptions at all levels, including clear accountability for disclosures.
2. Include ESG reporting performance in executive, middle management, and subject matter expert evaluations and compensation.
3. Ensure feedback and approval mechanisms or controls are working effectively, change them as needed, and define sign-off on reporting.

# How to use the playbook

- OPTION 1: start with a data challenge



- OPTION 2: run down the list of key action items





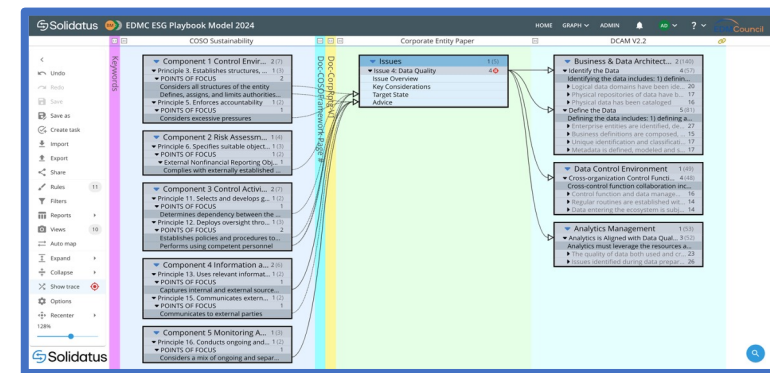
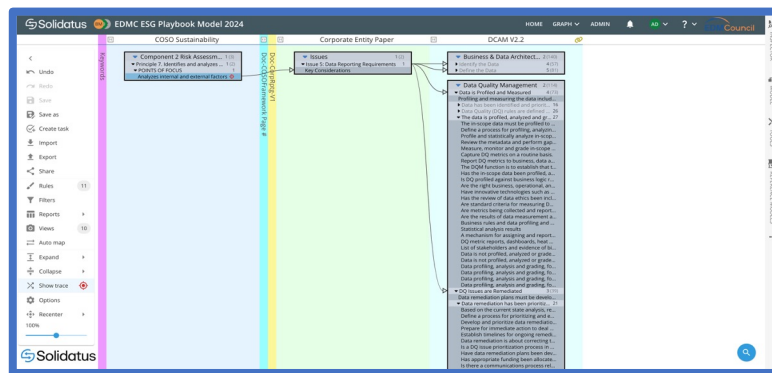
## Key takeaways

- You need quality ESG and sustainability data to (i) make good management decisions and (ii) produce audit ready, reliable disclosures
- You don't need to reinvent the wheel – use tools that already exist and are fit for purpose
- You do not need to do it alone – this is a team sport involving finance, internal controls, data and IT. **Use this playbook to convene the discussion.**

*The knowledge and tools to achieve quality ESG data and disclosures already exist within an organization and simply need to be brought to the rapidly emerging sustainability management and reporting practices.*

# Navigating the Solidatus Map

- The ESG Data Playbook has been mapped in Solidatus and is available to all EDMC members
- Solidatus allows all to navigate mapping and review source text, providing a knowledge base to deepen understanding and explore recommendations
- Map can also be integrated into existing Solidatus estates to support action assignments and tracking
- We will demo ability to review both individual and thematic data challenges



# Questions?

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# Join EDM Council and our membership community of companies...



The screenshot shows the EDM Council website homepage. At the top, there is a navigation bar with links for Membership, Frameworks, Training, Engage, Innovation, About, Sign in, and Join now. The main heading reads "Global Advocates for Data & Analytics Management". Below this, a sub-heading states "The leading global trade association providing best practices, standards and education to data and business professionals in our data-driven world." A "What we do" button is visible. On the right side, there is a "TODAY'S HIGHLIGHTS" section with three news items: "Bank of Valletta becomes the newest member to join the EDM Council", "EDM Council welcomes Webber Wentzel as its newest member", and "Lion Group joins EDM Council as its newest member". At the bottom of the screenshot, there is a banner that says "Join a vibrant community of 25,000+ business leaders, CDOs, and data and analytics professionals across all industries." Below this banner are logos for Bank of England, NOVARTIS, HSBC, AWS, Schneider Electric, Microsoft, Google, and AEGON. Two buttons are present: "Explore membership" and "See all 350+ member organizations".



**350+ Member Firms**

Cross-industry,  
including Regulators



**25,000+**

Professionals



**Worldwide**

Americas, Europe,  
Africa, Asia, Australia

[edmcouncil.org](https://edmcouncil.org)



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