

# Accelerate sustainability progress with data and AI

Building a reliable data and technology ecosystem to enable sustainability reporting, strategy, and action



## Organizations face many data limitations for their sustainability programs



Data is fragmented across systems and owners



Data quality and completeness is inconsistent



Data is not designed or structured to enable or optimize use of AI



Requirements continue to evolve, outpacing current capabilities



Processes for gathering data don't meet assurance standards



### Credible sustainability insights start with strong data foundations

Organizations face growing demands for sustainability information that require granular, accurate, and well-governed data. This data is required to:

- Report within regulatory standards
- Respond to customer and supplier requests
- Track and meet internal sustainability goals
- Leverage AI to deliver efficiency and insights

**Many organizations do not yet have sufficient, reliable data** to meet these demands. There are four key steps organizations must follow to build a strong data and technology foundation and reach sustainability data maturity:

- Assess existing data quality and identify gaps, including in future reporting and strategic needs
- Define detailed future-state requirements, including changes to current methodologies and data
- Plan for technology – what currently exists, what needs to be built, and what can be purchased
- Document processes, data ownership, and controls, accounting for future assurance expectations



### KPMG LLP helps organizations develop a strong data and technology foundation

KPMG has extensive experience working with clients across industries and at every stage of the sustainability technology journey.



#### KPMG Sustainability data & technology services:

- Map data, remediate gaps, and enhance accuracy
- Enhance metrics calculation methodology
- Centralize data into a dedicated repository
- Automate data ingestion from sources
- Develop analytics and enable AI capabilities



### Watershed provides organizations with a purpose-built sustainability data platform

Watershed is a sustainability platform that incorporates proprietary models, databases, and embedded AI to streamline sustainability data, reporting, and decarbonization.

#### Watershed technology provides:

- Efficient data collection for quick measurement
- Flexible, standards-aligned reporting
- Fast, actionable product carbon footprint calculation
- Strategic insights into emissions, materials, and suppliers for decarbonization planning



## Why choose KPMG and Watershed?

On the path to a robust sustainability technology program, KPMG helps tackle the data part of the equation, while Watershed helps solve for the technology. Together, KPMG and Watershed provide an integrated, detailed approach that helps build and scale sustainability capabilities. The result is organized data, reduced manual effort, transparent processes for auditors, and reliable insights to support strategic decision making.



## The value of our combined approach:

- Move from manual data management to a centralized and well-structured sustainability data environment
- Enable faster and more consistent reporting and assurance cycles
- Improve data governance, lineage and interoperability
- Unlock sustainability insights across decarbonization, product carbon footprints, and supply chain
- Build and use AI tools and analytics to operate more efficiently and uncover opportunities for improvement



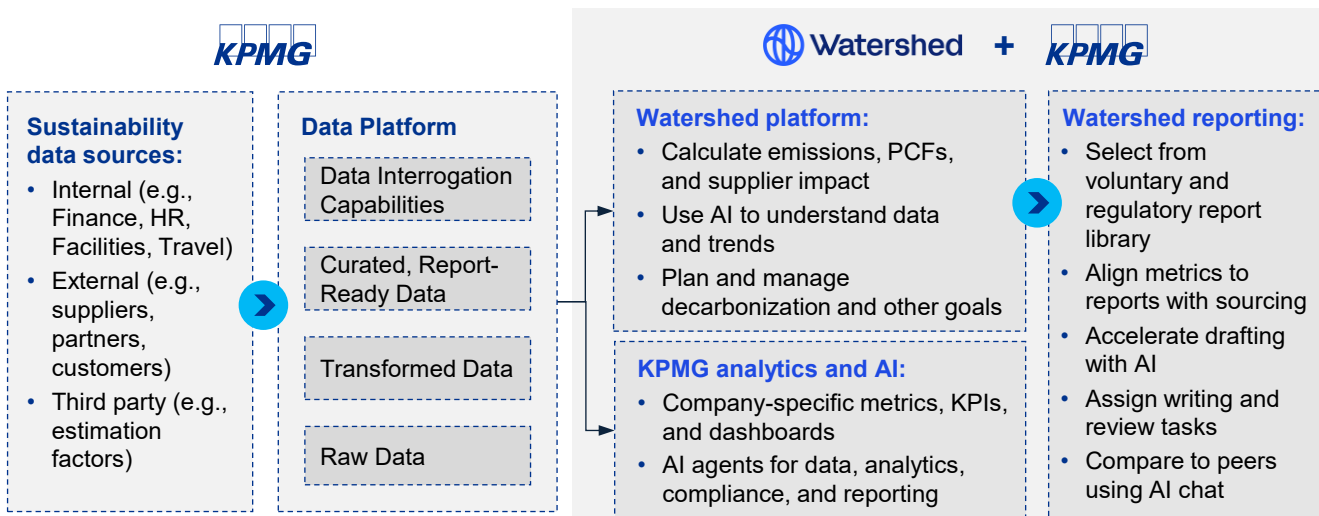
## Case Study: Technology Client

- Ahead of California and CSRD reporting requirements, the client was looking to improve its sustainability reporting process, including addressing data scattered across 15+ different systems and streamlining metric generation and report output
- KPMG defined processes for data collection, developed automation to aggregate the data into a single, centralized repository, and enabled automated ingestion into Watershed
- The Watershed platform generated metrics, supported drill-downs to facility- and region-level detail, and accelerated sustainability decision-making from once a year to once a month or faster



## Building a “North Star” Sustainability Architecture with KPMG + Watershed

Our market-tested architecture is based on extensive experience working with clients across industries. This architecture is scalable for new demands (data, reports, AI use), flexible for both manual and automated data ingestion, and is quickly deployable so that organizations can prepare for near-term needs.



Process documentation, governance, and data lineage jointly developed and maintained by KPMG and Watershed

## Contact us

To find out more, contact our team!



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