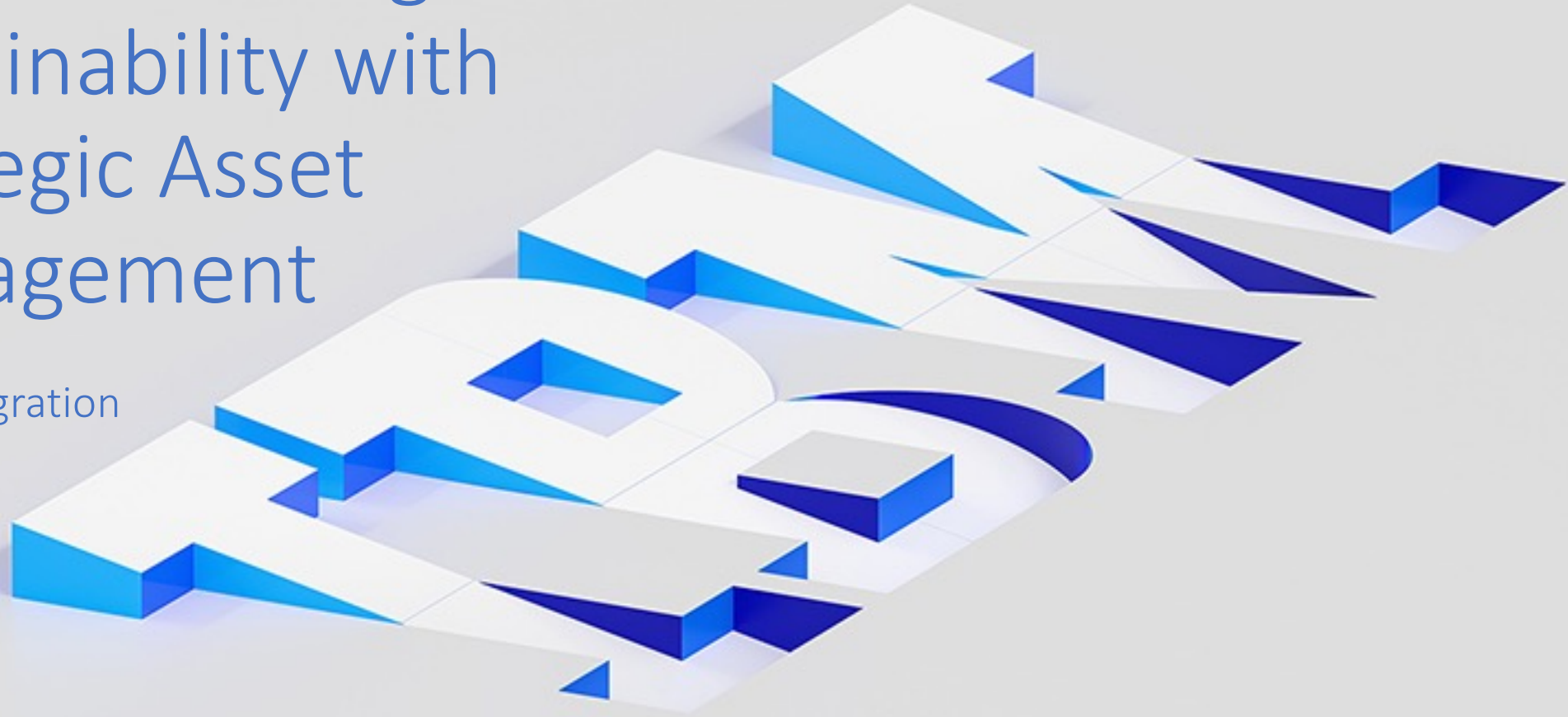


# Maximo Wednesday - Operationalizing Sustainability with Strategic Asset Management

—  
Envizi Integration



Joe Baker  
Senior Sustainability Specialist  
September 21, 2022



November 6-18  
Sharm El-Sheikh, Egypt  
**United Nations Climate Change Conference**



**COP27**  
SHARM EL-SHEIKH  
EGYPT 2022







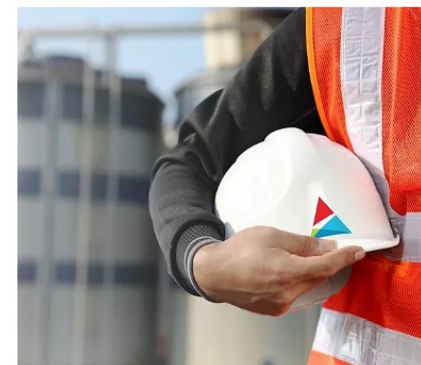
**MUWG**  
MAXIMO UTILITY WORKING GROUP



### Join Us In Birmingham!

Learn Maximo efficiency and best practices from the best in the business, while building lasting partnerships. The MUWG conference is dedicated to providing the a collaborative environment for all attendees.

[About the Event](#)



### Hosted by: Southern Company

We've made our name as a leading producer of clean, safe, reliable and affordable energy, and we approach each day as a vital step in building the future of energy.

[Learn More](#)



### Conference Vendors

MUWG recognizes the value that Vendors provide to the successful use of Maximo. Meet your next client while supporting MUWG as a Sponsor.

[Vendor Information](#)

**Special Event: MUWG Silver Anniversary – Celebrate 25 Years of MUWG with IBM!**

*Event details can be found in the [conference information](#) and in the event agenda.*

# To thrive in a sustainable world, leaders must:

- 1 Define their ESG/sustainability **Goals**
- 2 Establish a clear **Baseline**
- 3 **Operationalize** their sustainability goals



Trailblazers are driving growth by aligning sustainability initiatives and digital transformation

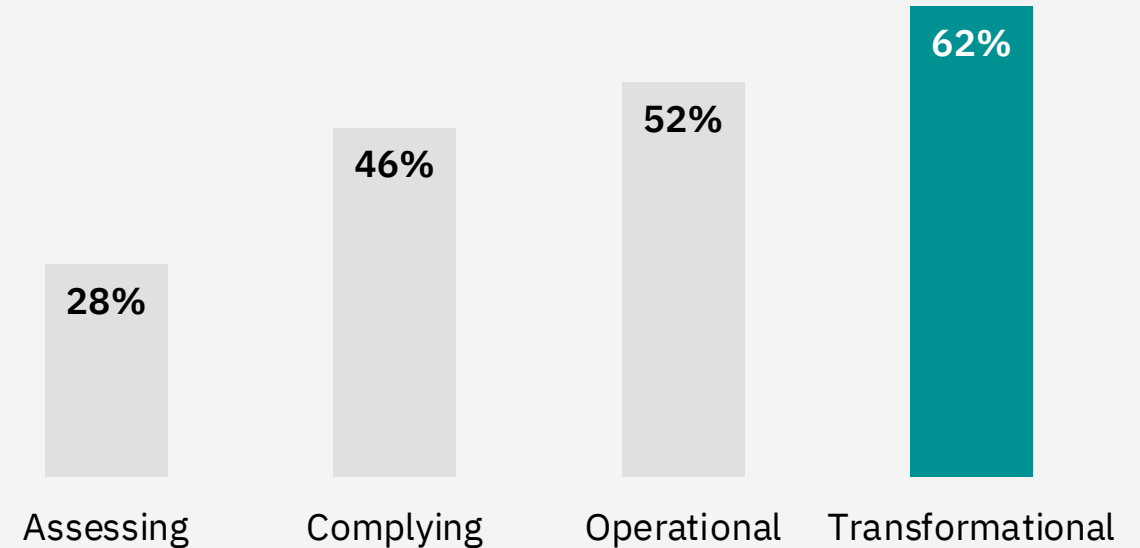
72%

are piloting or implementing only parts of their sustainability strategy

30%

report explicitly aligning their sustainability and digital transformation efforts

% reporting sustainability outperformance



**Transformational CEOs who go “all in” on sustainability are achieving better sustainability outcomes and better business performance**



# Sustainability vs ESG

## What's the difference between sustainability and ESG?

- Sustainability is focused on reducing environmental impact by maximizing efficiency and minimizing resource consumption
  - Reducing waste production and energy & water consumption leads to lower carbon emissions
  - Focus on renewable energy procurement and on-site generation
- ESG is focused on standardizing sustainability metrics to facilitate regulatory disclosure and investor reporting
  - ESG Framework alphabet soup - CDP, GRI, TCFD, SASB, GRESB, SEC, NABERS, EU EPC, UN SDG
  - Scope 1, 2, & 3 carbon emissions, energy intensity, climate risk, and DEI
  - Comprehensive accounting of a business' societal impact

# Public vs Private

## Differences between sustainability strategies of governments and business

- Governments and public institutions are beholden to all members of society, particularly their constituents
  - Businesses are responsive to their shareholders, employees, and customers
- Governments must provide vital services and infrastructure while maintaining a balanced budget
  - Companies produce goods and services while striving to increase profits
- Sustainability reporting creates transparency between governments and the electorate, which leads to increased engagement and trust
  - ESG reporting allows companies to raise funding in capital markets, maintain regulatory compliance, and it provides a competitive advantage

# Sustainability & ESG: Similarities and Common Ground



- We are working collaboratively to find solutions to protect the planet and all its inhabitants
- Building carbon-neutral organizations while the underlying infrastructure is still being rebuilt
- Sustainability permeates the entire organization; from facilities management, procurement and supply chain, transportation and logistics, financial reporting, and everything in between
- Operating in a constrained environment with limited funding and human capital, so we must prioritize the most impactful, yet cost-effective, projects and initiatives

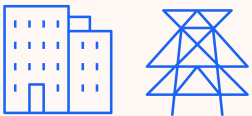
# Connect your ESG data management with the systems that run operations to drive transformation

**Sustainability Strategy and Roadmap**

Co-creating a sustainability agenda and pathways towards delivering corporate social impact and business value

**ESG Data, Reporting and Risk Management**

System of record for ESG data and insights to measure, report, operationalize and achieve your sustainability roadmap



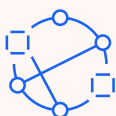
**Intelligent assets, facilities and infrastructure**

Operational insights to drive clean energy transition, efficient waste management, and decarbonization



**Responsible computing and green IT**

Responsible computing to enable sustainable IT and drive social impact



**Sustainable supply chains and circularity**

Intelligent workflows for equitable, transparent, and carbon regenerative supply chains



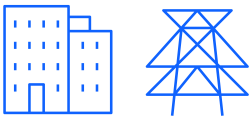
# Create a single system of record for ESG data to establish a clear baseline

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Co-creating a sustainability agenda and pathways towards delivering corporate social impact and business value

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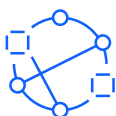
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chains and circularity**

Intelligent workflows for equitable, transparent, and carbon regenerative supply chains

# ... for Sustainable Asset Management and Reliability Optimization

Enable creation of resilient and sustainable infrastructure and operations to **extend the life** of equipment, buildings, bridges, fleets, water lines and more to reach sustainability targets.

## Asset Management & Maintenance

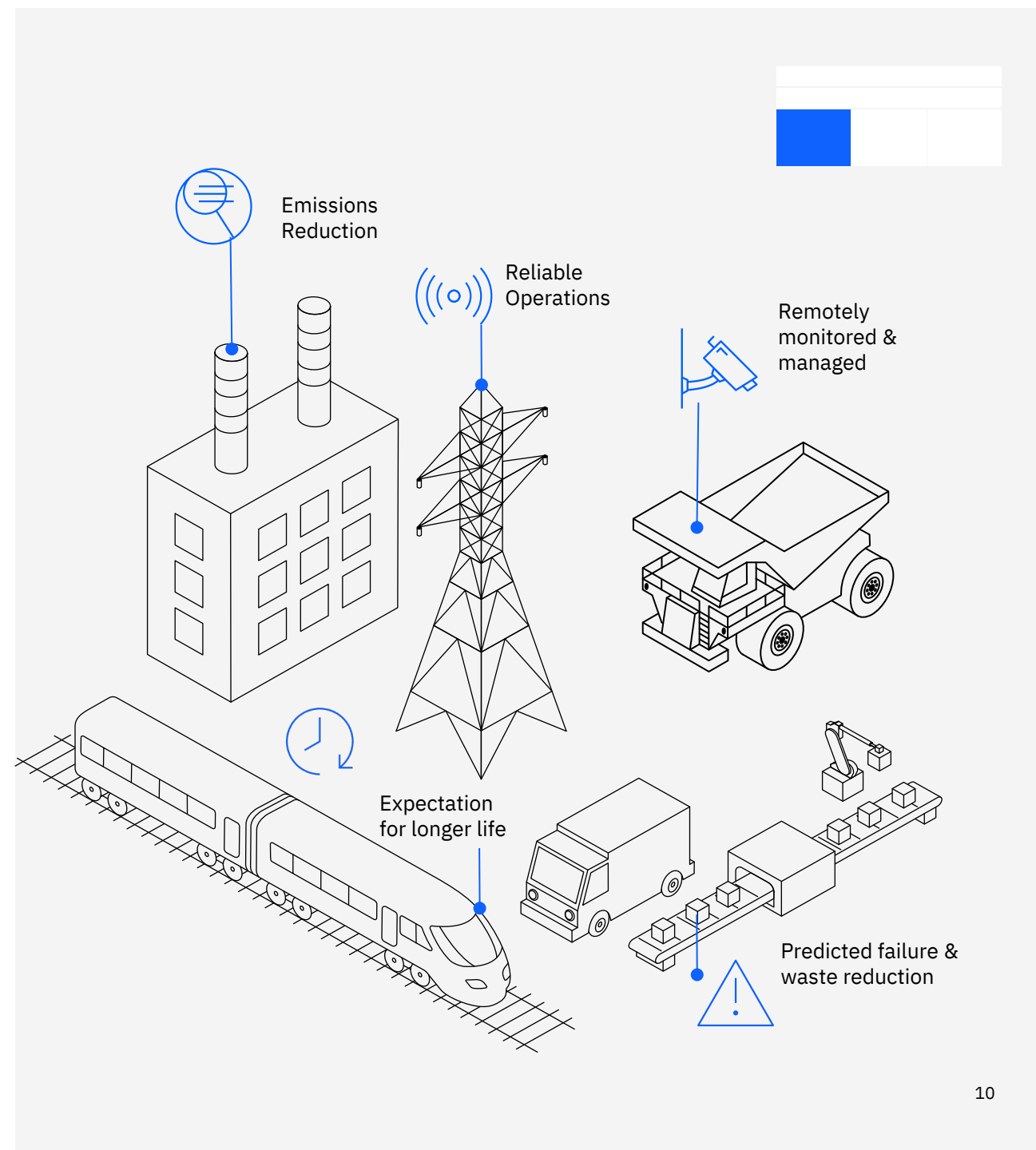
Optimize maintenance scheduling to achieve efficient, safe and sustainable work practices

## Asset Reliability and Optimization

Extending asset life decreases waste & embodied carbon, and improves energy efficiency

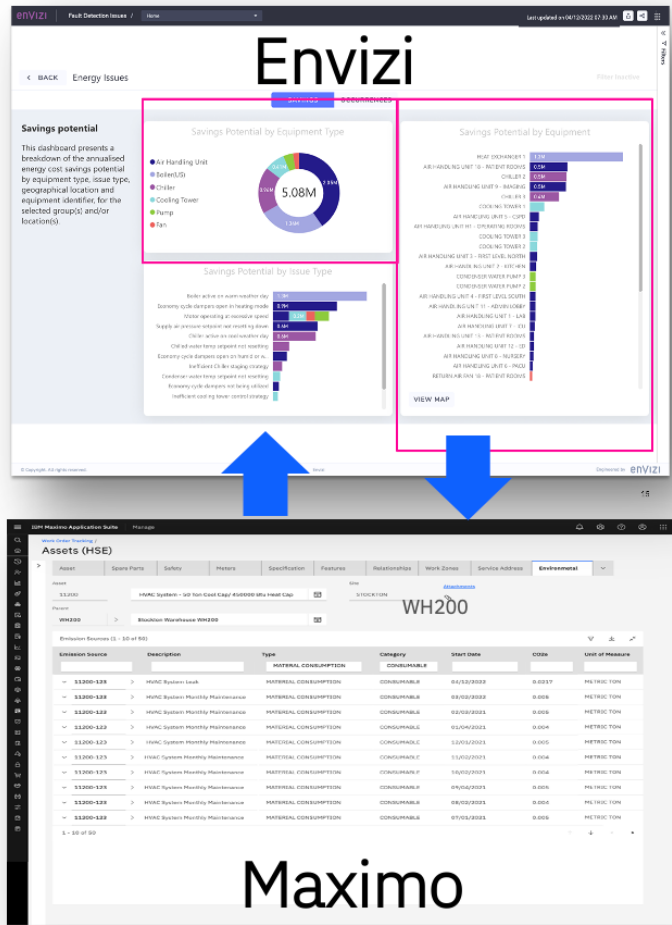
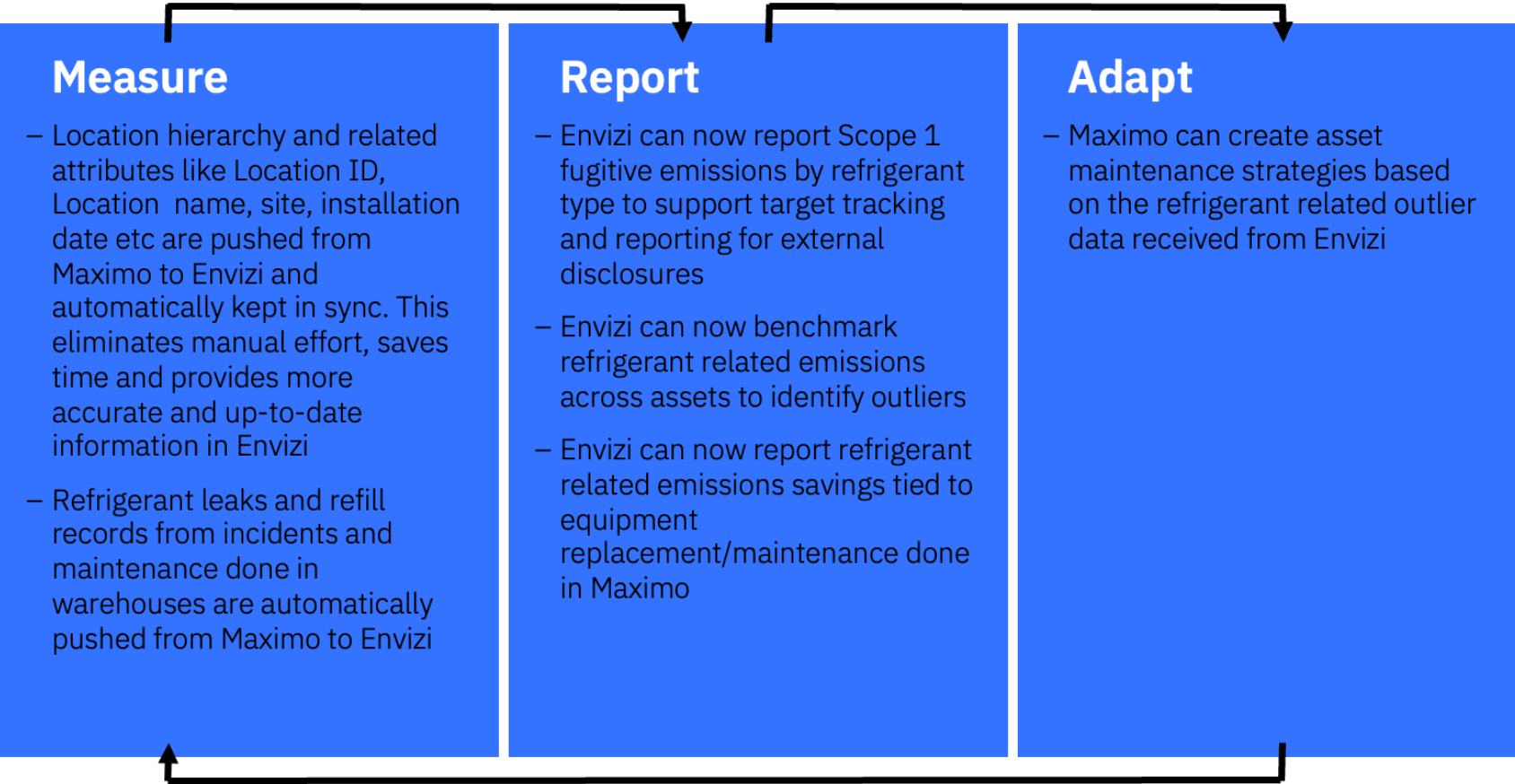
## Asset Monitoring and Fault Detection

Increased energy efficiency, equipment performance and reliability



# Representative Use Case: Operationalize the reduction of GHG emissions and attainment of sustainability goals

A company with a hundreds of HVAC systems in data centers needs to track, reduce and report refrigerant refills and leaks





# ... for ESG Data Management, Reporting and Analytics

Automate the collection and consolidation of **500+ data types**, **analyze and identify efficiency opportunities and sustainability risks**, and **report** against major, internationally recognized ESG reporting frameworks.

## Emissions Management

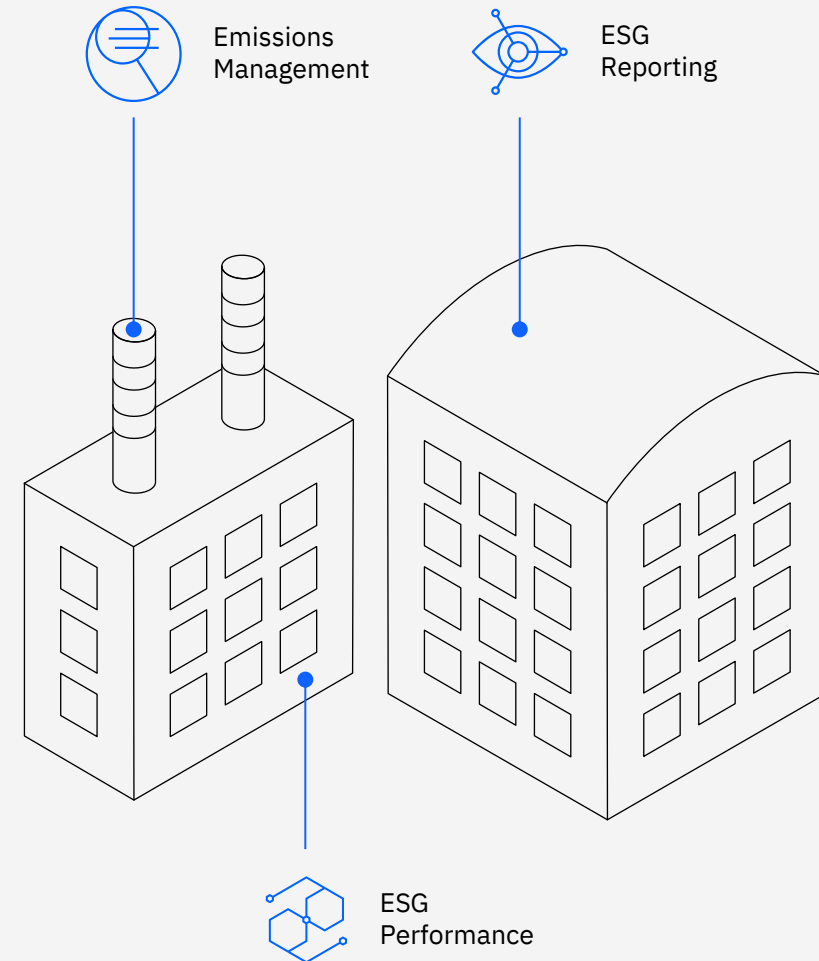
Measure Scope 1, 2, and 3 emissions to identify excessive energy usage or other inefficiencies

## ESG Reporting

Streamline ESG disclosures to reduce complexity of ESG reporting and minimize disclosure risk

## ESG Performance

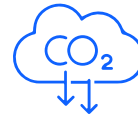
Stand up and track programs for net zero emissions target, analyze utility/energy consumption to identify hotspots



# What We Deliver

Envizi simplifies the capture, consolidation, management and analysis of sustainability data.

## We support:



Financial-grade Carbon Accounting



Comprehensive ESG Reporting & Disclosure



Tracking of performance to sustainability commitments and goals

# Envizi Snapshot

The world's most comprehensive data, analytics and insights platform for [Sustainability and ESG](#)



14 yrs.

time in market



150+

total clients



247k

locations connected



150

countries reached

The world's largest corporations and governments are accelerating decarbonization commitments and increasing scrutiny of ESG disclosure

Envizi harnesses the power of data, analytics and insights to transition to a low carbon future



# Envizi Provides the Building Blocks to Accelerate Sustainability Performance

Envizi is with our clients' every step of their sustainability journey, whether they need to consolidate their data, streamline reporting, identify efficiency and emission reduction opportunities, or inform business strategy.



## Build Data Foundation

*A single system of record that delivers auditable, financial grade sustainability data*



## Streamline Reporting

*GHG Calculation + Flexible reporting tools to meet internal and external requirements*



## Engage Stakeholders

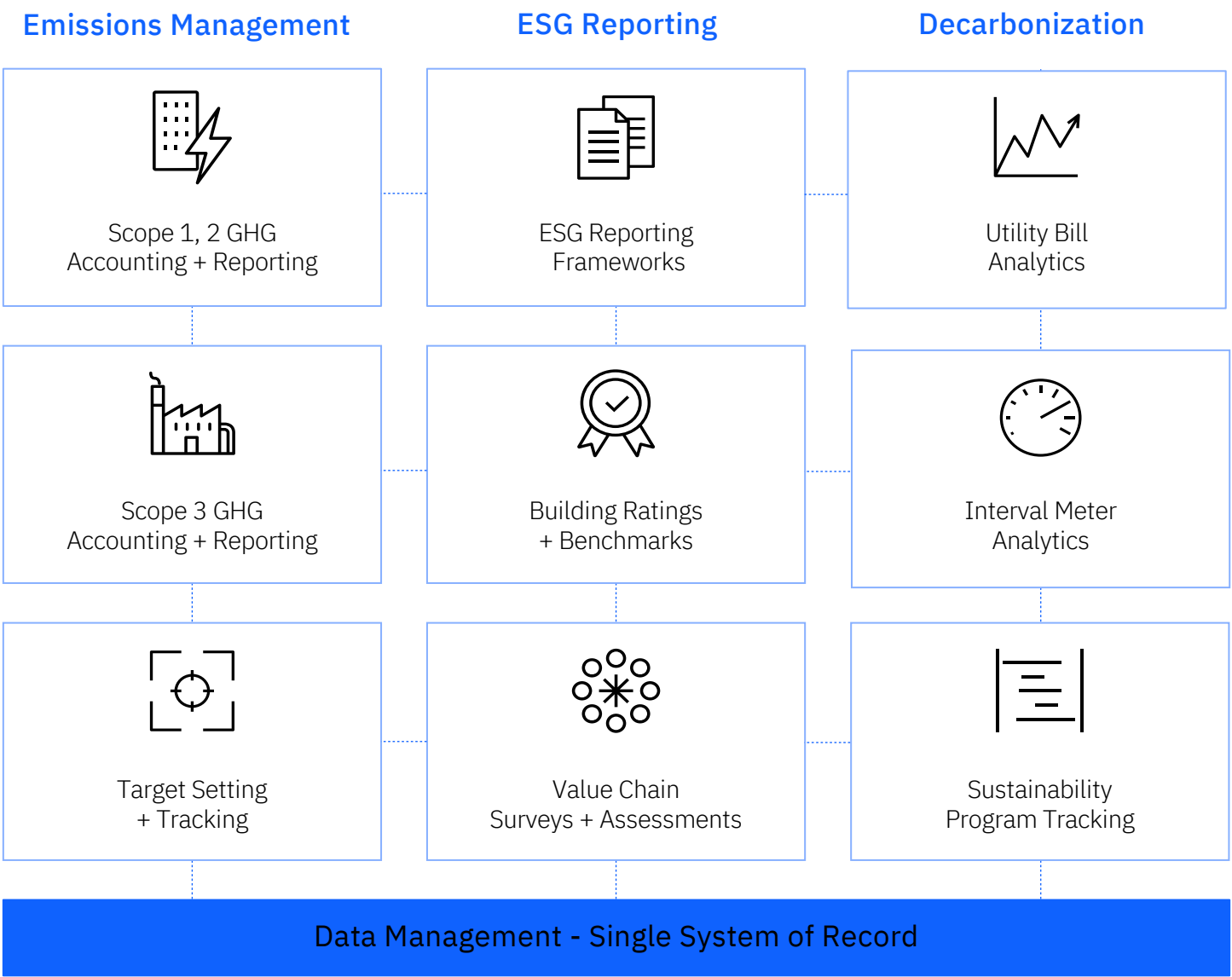
*Integrate internal and external stakeholders, process and technology to embed sustainability into daily operations*



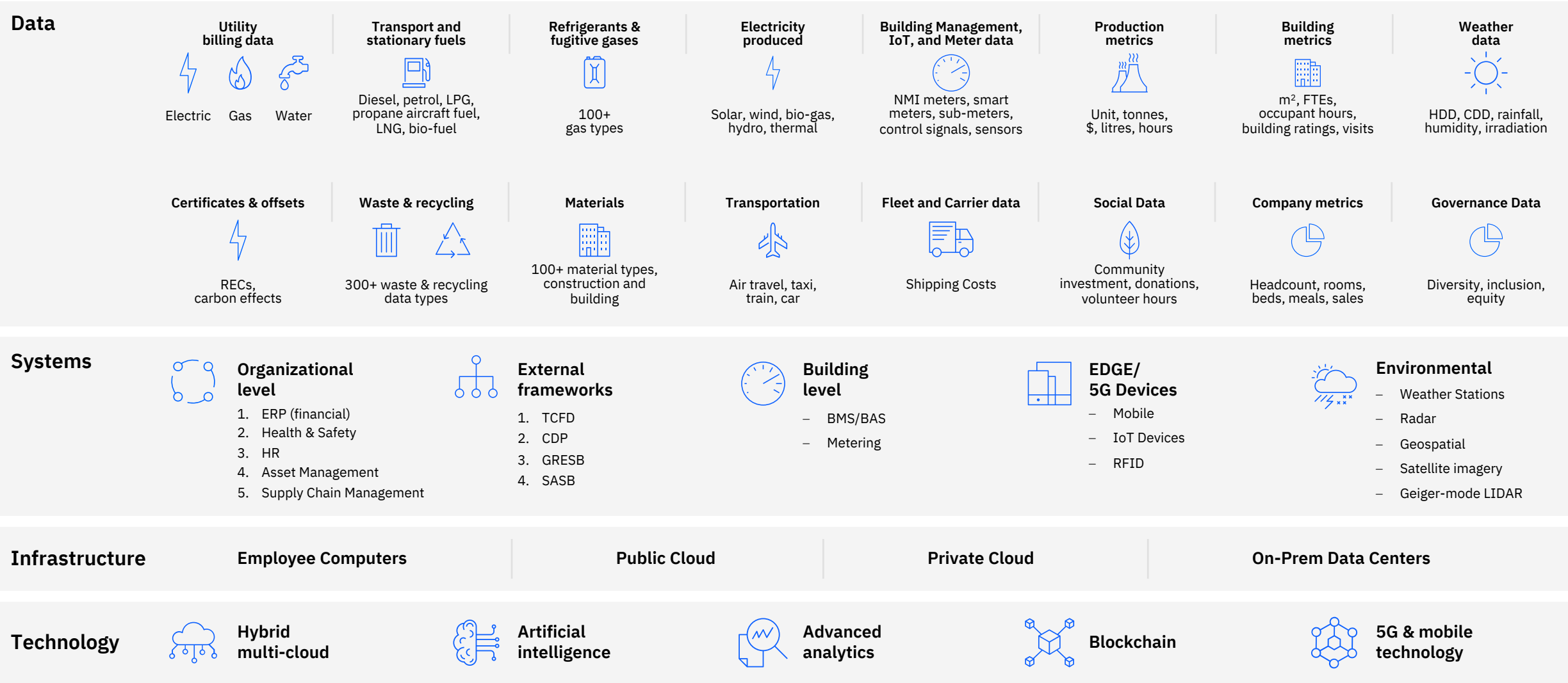
## Accelerate Decarbonization

*Unlock the insights to inform the fastest and most cost-effective pathway to low carbon goals*

# Envizi Product Framework

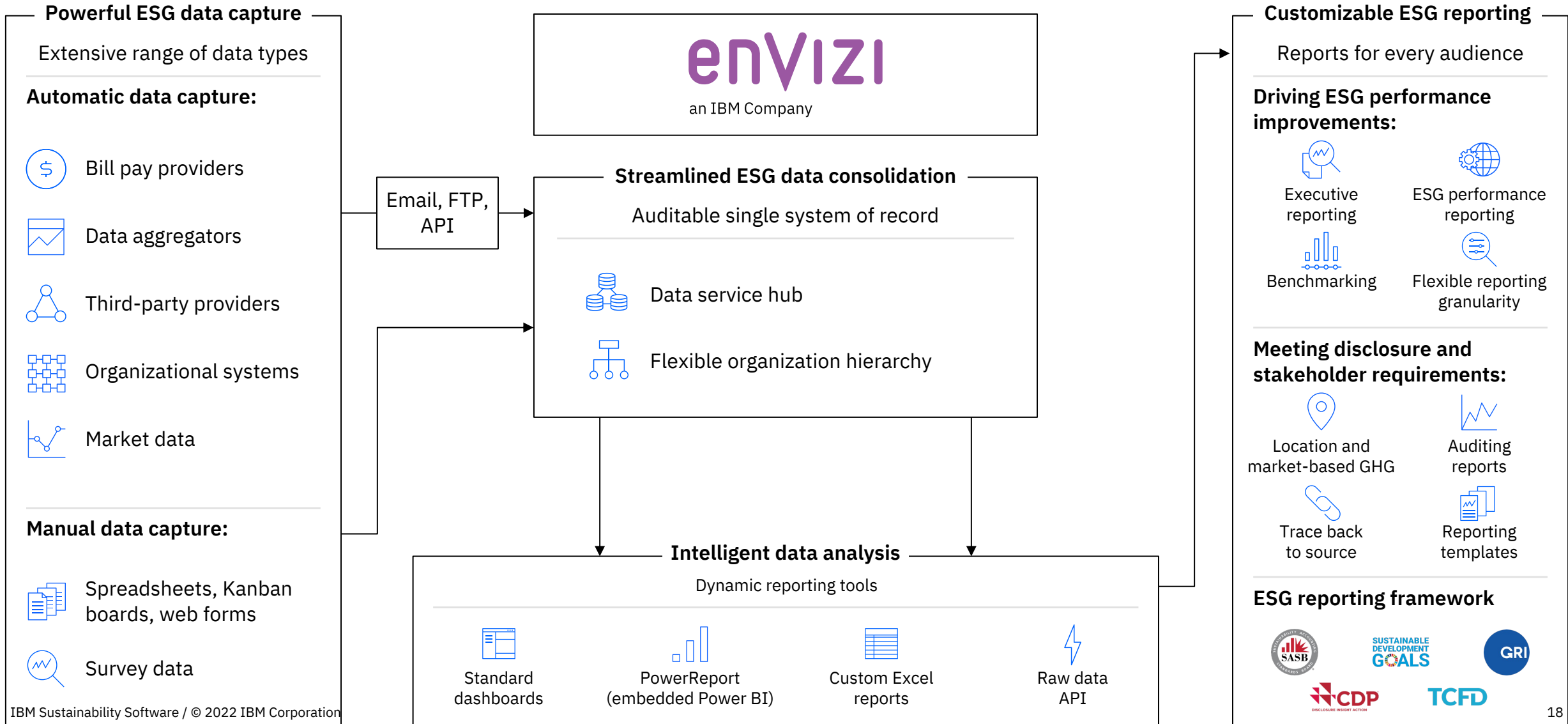


# How are you capturing, consolidating, and analyzing your sustainability data?





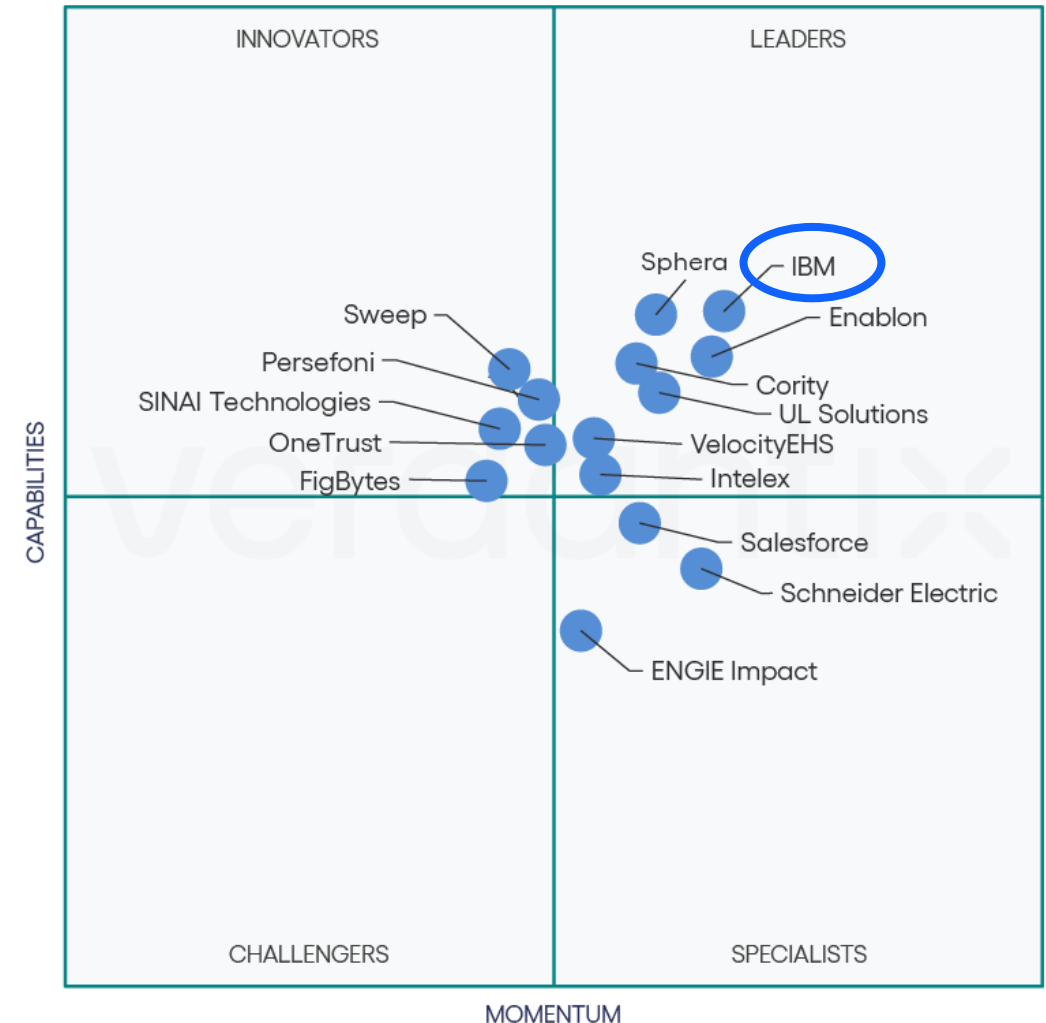
# Envizi Consolidates Sustainability Data



# IBM is a leading provider in Enterprise Carbon Management Software

Independent analyst firm, Verdantix reviewed prominent carbon management software vendors

- IBM achieved the **highest cumulative score** and is ranked in **the top right of the leader's quadrant**
- The combined power of Envizi + the IBM Environmental Intelligence Suite (EIS) led the analyst firm to conclude that **IBM “should be included on shortlists by enterprise firms seeking a comprehensive and reliable carbon management platform”**
  - **Envizi** achieved the highest scores of any vendor in the categories of Data Quality Control & Renewable Energy Sourcing & Contracts
  - **EIS** achieved the highest scores in climate risk management





# Questions and Comments

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