



Carbon Accounting 101



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Agenda

- What is carbon accounting?
- Why does it matter?
- Exploring the journey to decarbonization
- Solution demo
- Q&A

EnergyCAP is the #1 trusted energy and sustainability ERP



10K+

Energy and sustainability users.



\$17B+

Worth of vendor bills tracked annually.



\$500M

Verified annual energy savings (2021).



Client energy and sustainability data



ENERGYCAP®



Manage consumption, reduce carbon, and drive savings.

Diverse and dedicated client base

GOVERNMENT

City



State/Province



Federal



County/Regional



EDUCATION

Public School Districts



Public Higher Ed/University Systems



Private Education



COMMERCIAL

General commercial & retail



Ind/manufacturing



Healthcare



Property mgmt/Real estate



Energy services/consultants



Transportation



Housing authorities



A single platform for the entire team

The EnergyCAP ERP brings energy, sustainability, and finance teams together to capture, allocate, analyze, and report the data the way they want it.



Energy managers

Operate from one single source of truth with accurate and reliable data. Create, verify, and visualize the energy program you need now.



Sustainability leaders

Automatically convert your data into greenhouse gas emissions and provide a holistic view of sustainability across your organization.

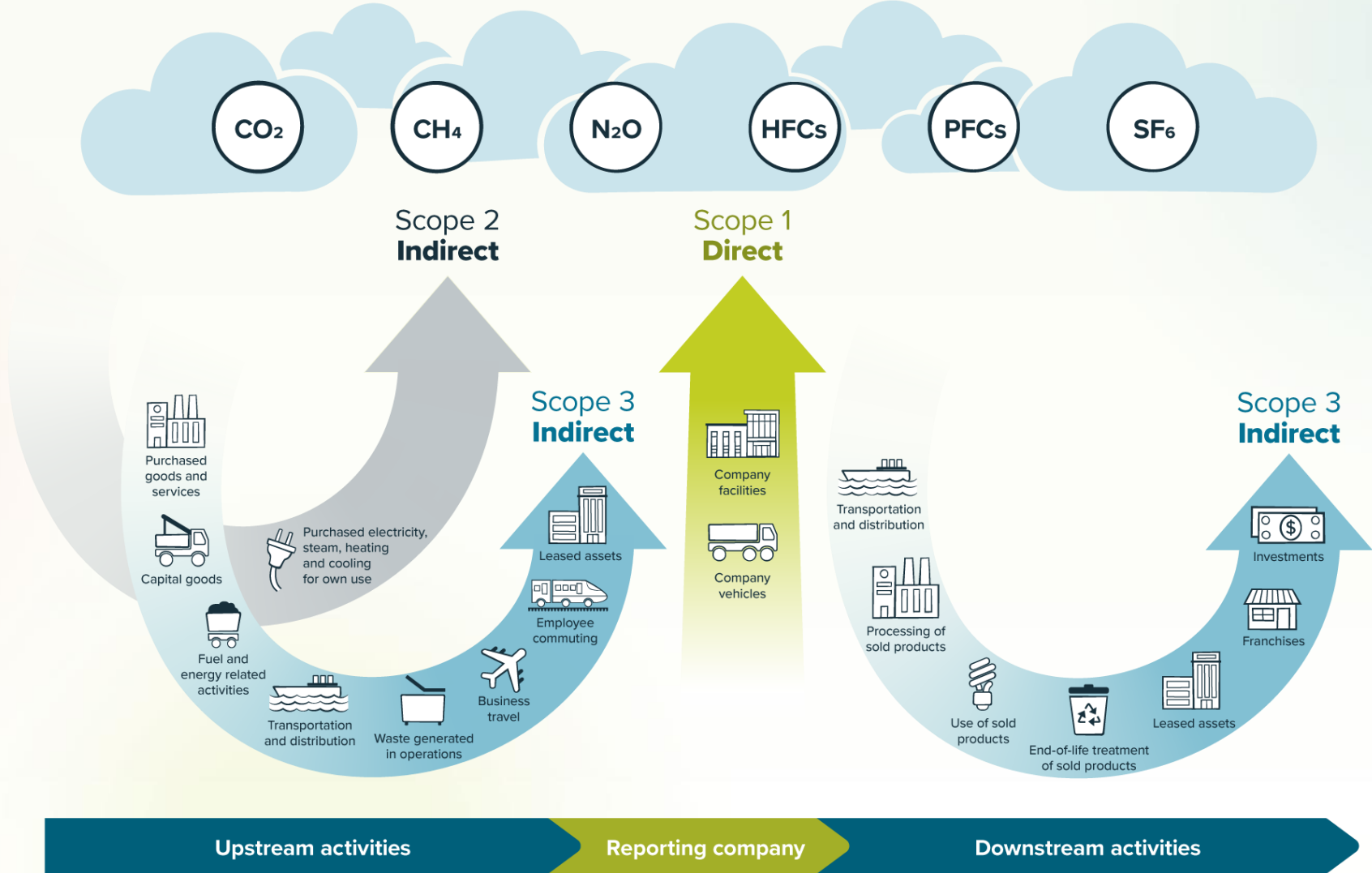


Finance leaders

Get a tool that supports the unique demands of energy accounting. With EnergyCAP, you get a partner that enhances your already-predictable system.

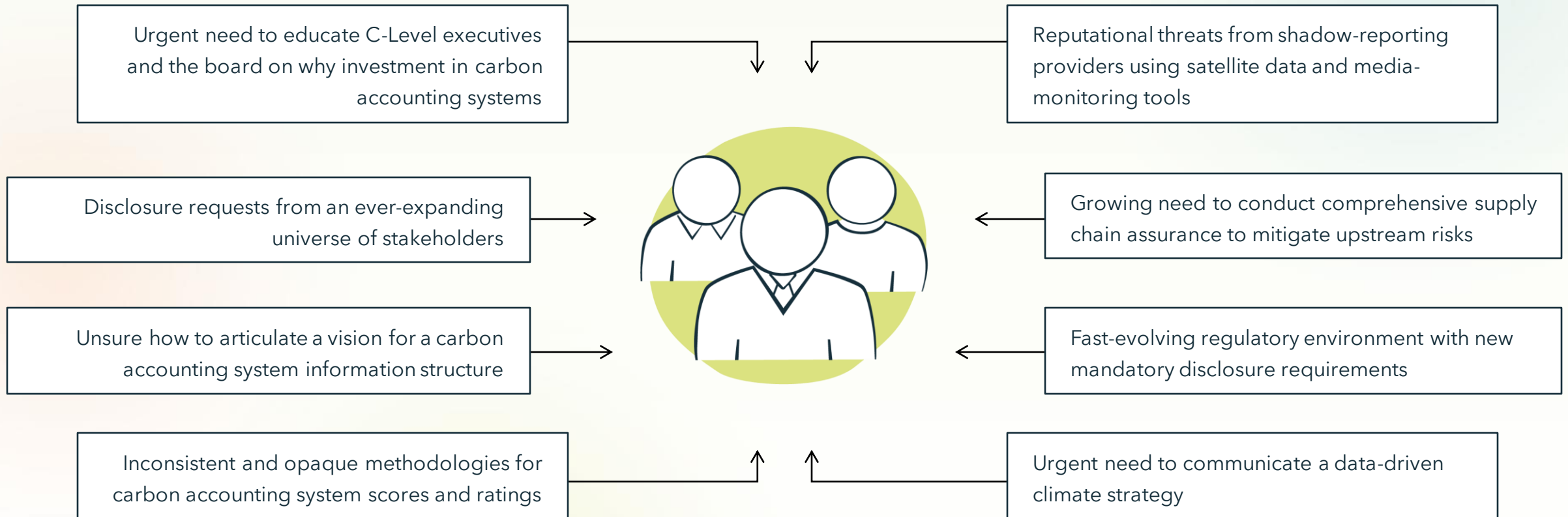
What is carbon accounting?

What is carbon accounting?



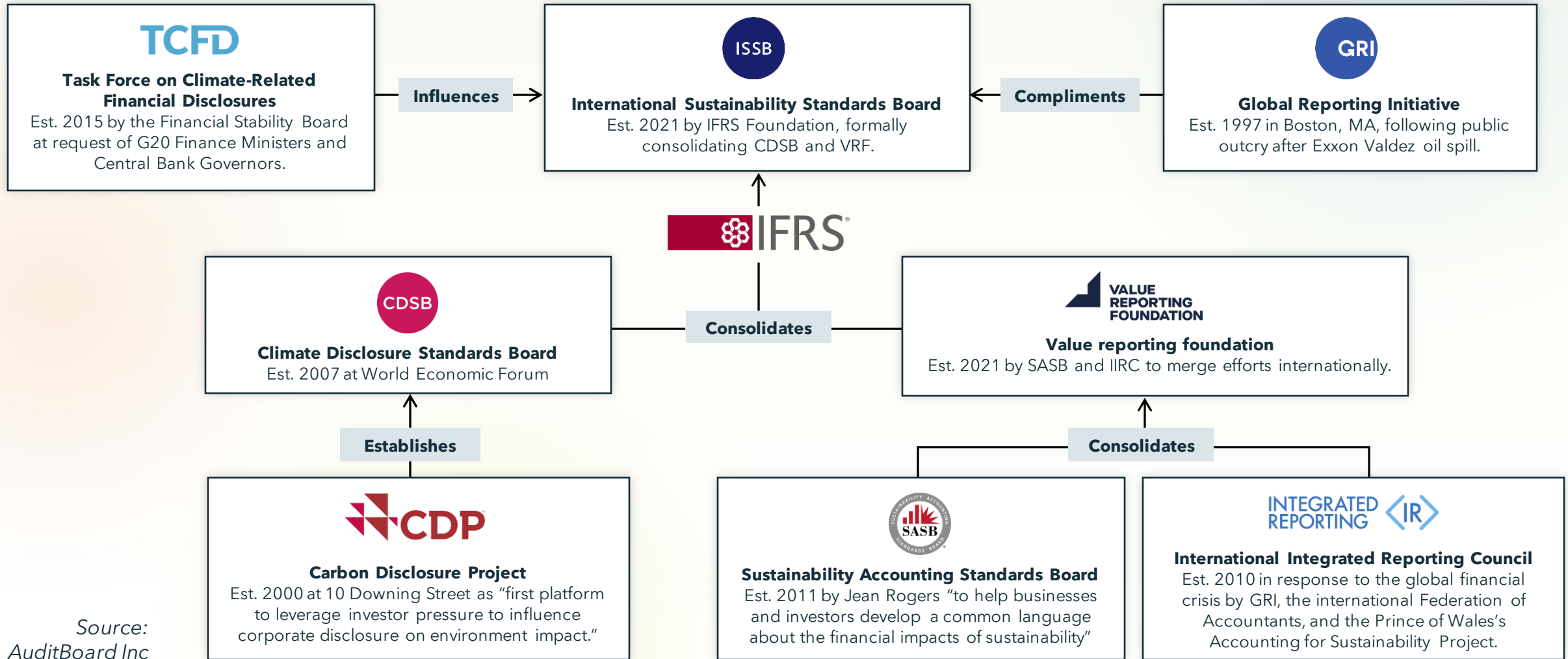
Why does it matter?

Executives are under pressure from multiple carbon accounting challenges



Source: Verdantix

Reporting frameworks require finance-grade reporting and continue to evolve



Source:
AuditBoard Inc

SEC proposed climate-related disclosures rule

The SEC's climate-related disclosure rule would require companies to disclose material climate risks, including emissions data and transition plans.

What companies would have to disclose¹

Material impacts



How climate can impact companies' bottom lines—in the short, medium, and long term—and what governance, strategy, and risk-management processes will address these impacts.

Greenhouse-gas emissions



Audited scopes 1 and 2 emissions and scope 3 emissions, if material (or if the entity has a scope 3 target), as well as safe harbor for liability from scope 3 emissions.

Target and transition plans



If available, climate-related targets or goals, accompanied by detailed transition plans, scenario analysis methods, internal carbon pricing, and how it is set, and the use of offsets and renewable-energy certificates.

¹This chart is a summary for general information only and does not constitute legal or regulatory advice. Advice of appropriate counsel must be sought prior to any consideration of the issues raised herein.

Source: US Securities and Exchange Commission (SEC) enhancement and standardization of climate-related disclosures, March 2022

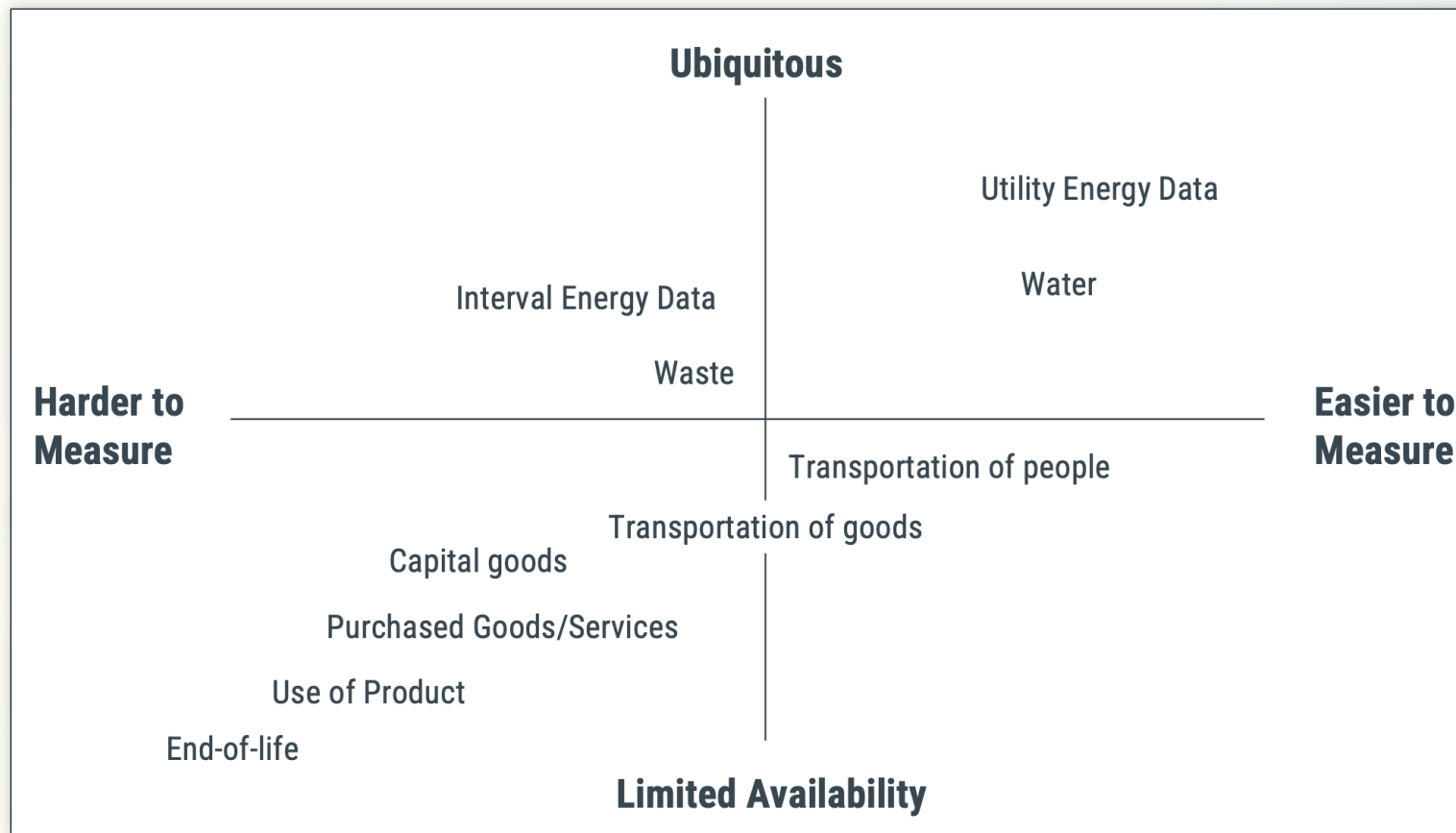
McKinsey
& Company

**Even companies
without sustainability goals
will need to support carbon
reporting requirements of
their supply chain.**

Journey to decarbonization

Getting started

Identify and collect data that supports your organization's goals and reporting needs.



The Decarbonization Data Journey

**Most people
are here...**



Annual data
collection

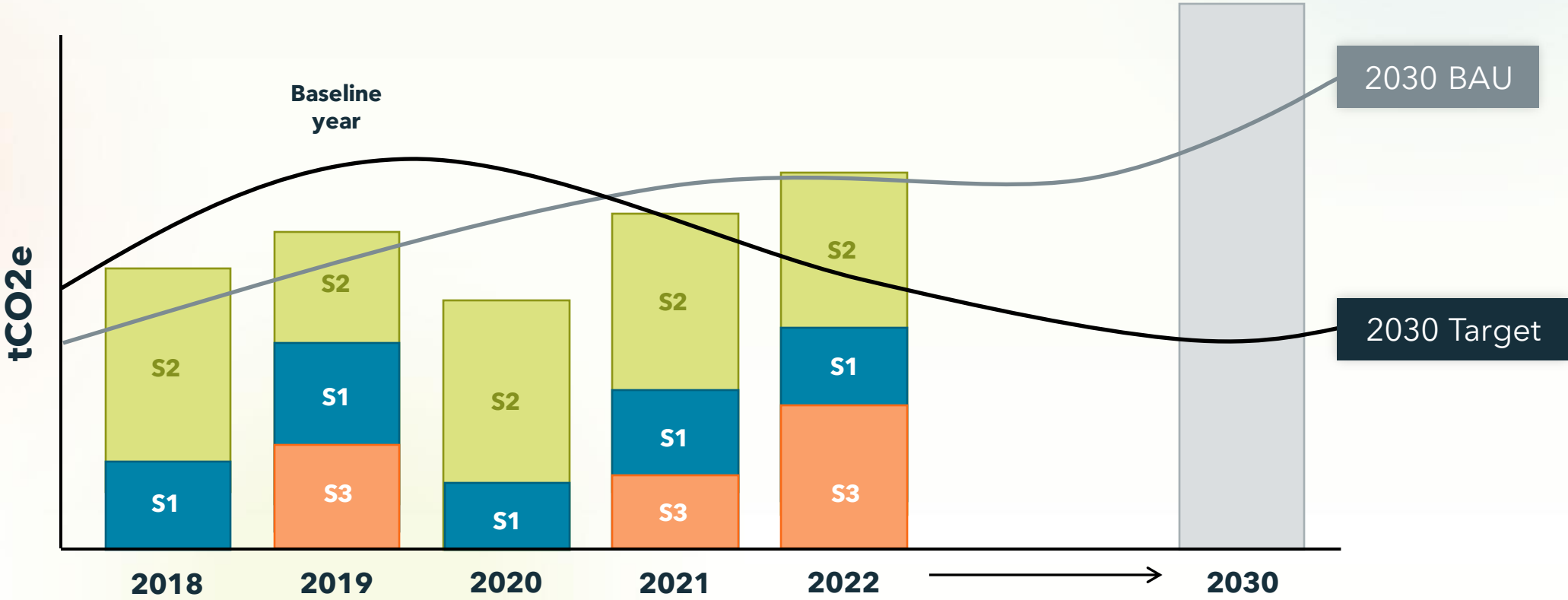
Annual carbon/
ESG reporting

Monthly carbon
reporting/analysis

Real-time
decarbonization
efforts

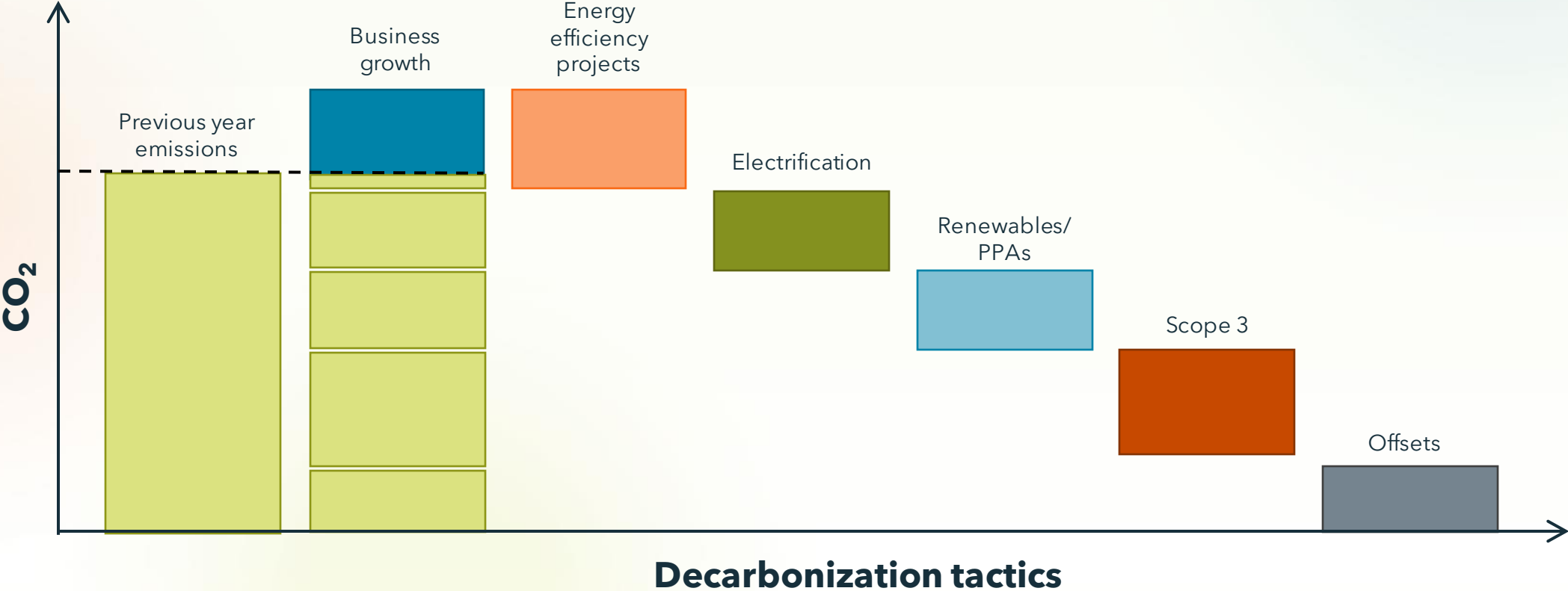
Journey to decarbonization

Once you are able to report on annual emissions and establish targets, you should assume emissions increases with business growth



Journey to decarbonization

There are a multitude of tactics to decarbonize your operations



Evolution from spreadsheets to ERP software // Carbon accounting

The status quo

Manual utility bills, meter reads, data collation in spreadsheets

Occurs annually

Difficult to access data

Manual labor

Hard to maintain and update

High chance of error

Data silos

Reactive reporting

Using software

Energy and sustainability ERP

Automatically captures data

Auditable, financial-grade

Real-time updates

Reduces/eliminates manual labor

Reduces error

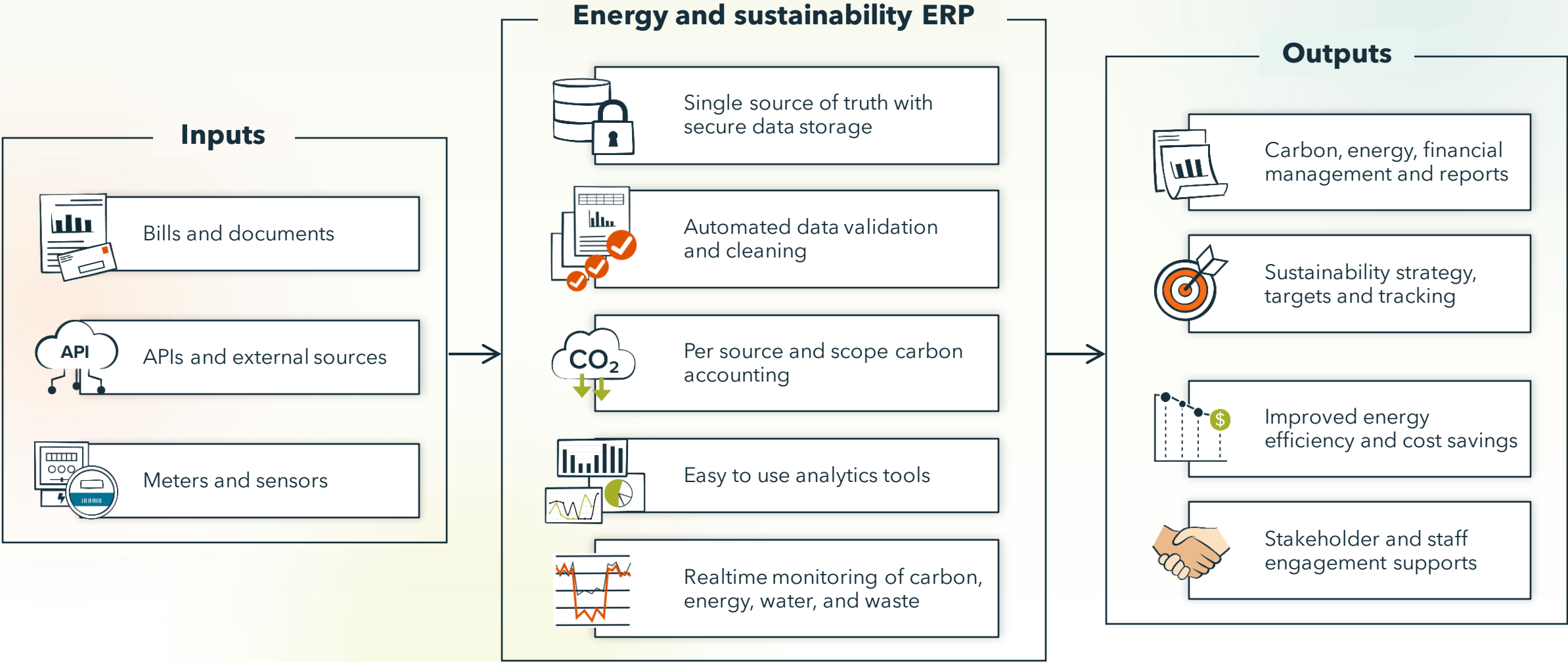
Better collaboration

Scalable, reportable, and reliable

Proactive: Monitor and respond in real time

Energy and sustainability ERP

Use an energy and sustainability ERP to streamline carbon accounting



Energy and sustainability ERP // The single source of truth

Get instant access to validated, actionable data you can trust to better manage resource consumption, reduce your carbon footprint, reach net-zero, and drive massive savings.



Financial-grade greenhouse gas accounting

Target and track emissions.

An advanced, holistic view of financial-grade emissions data across your business with automatically applied factors to meet your ESG reporting needs.

Customer Data Type:
GHG activities

Persona:
Sustainability



Portfolio-level energy & sustainability reporting

Manage and see it all.

Get accurate and reliable energy and utility data across your entire portfolio and streamline energy and accounting workflows.

Customer Data Type:
Utilities/Bill/Resources

Persona:
Finance/energy



Real-time energy and sustainability analytics

Dive deep. Respond quickly.

Dive deep into real-time performance of assets, devices, and sensors. Make quick, data-driven decisions for high-performance, net-zero buildings.

Customer Data Type:
Time-Series/Interval Energy

Persona:
Energy/facilities

CAPture Services: Bill CAPture, Bill Processing/Managed Services



Demo

Expanding EnergyCAP's energy and sustainability ERP capabilities

Join us at

EnergyCAP Catalyst

April 25-27th // State College, PA

Conferences.EnergyCAP.com

CATALYST 

