

WEBINAR SUMMARY

GHG Emissions: How Do You Reduce Scope 1 & 2?

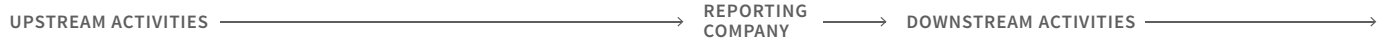
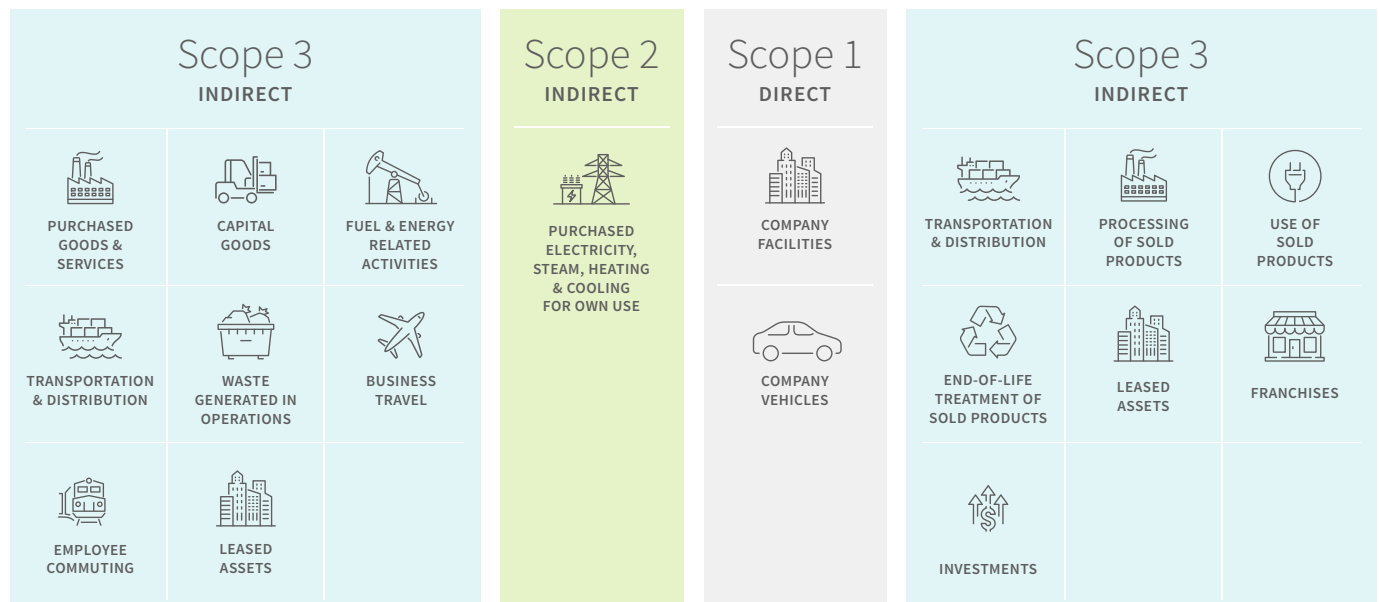
If your company is not assessing its carbon emissions, it's time.

WHAT ARE CARBON EMISSIONS?

The word “carbon” has come to informally represent carbon dioxide, methane, HFCs, PFCs, and a host of other by-product gases. Collectively, these emission sources are referred to as greenhouse gases (GHGs). In pursuit of a total, each of these gases is converted into a “carbon dioxide equivalent” (tCO₂e) as a normalized unit.

WHAT IS THE DIFFERENCE BETWEEN SCOPE 1, 2, AND 3 EMISSIONS?

- Scope 1** Emissions your company is in control of from your own equipment and fuel.
- Scope 2** Emissions from another company's equipment and fuel that you use the output energy.
- Scope 3** Emissions in the supply chain that exist because your company is doing business.



HOW DO YOU DETERMINE WHAT FALLS INTO WHAT SCOPE?

That’s called determining your *organizational boundaries*. Organizational boundaries help you understand your level of responsibility, operational control (the power to influence an operational policy), and equity control.

HOW CAN YOU COLLECT & CONVERT SCOPE 1 & 2 EMISSIONS DATA?

An Carbon Management System is the best tool for aggregating activity data across an entire portfolio of buildings. Once you have gathered activity data and determined which coefficients you’ll use, you’ll convert everything to tCO₂e. The first year of recording will become your baseline, and your goals should be public disclosure and year over year reduction.

WHY IS REPORTING EMISSIONS DATA IMPORTANT?

Once you start collecting data, you will want to publicly disclose this information. We are links in a chain. If we all aim to reduce what we individually have control over at the same time, there will be a huge global impact.



We’d love to help!
[Chat with Mike](#) about building a sustainability roadmap for your company.

HOW CAN YOU ACTUALLY REDUCE SCOPE 1 AND 2 EMISSIONS?

Use Less: Energy Efficiency



- Lighting systems
- Compressed Air
- HVAC
- Building Envelope
- Processes

Use Smarter: Demand Management



- Electrification
- Real-time pricing
- Peak demand
- Building management systems
- Sub-metering
- Commissioning /Retro-commissioning

Make Your Own: Distributed Generation



- On-site solar
- Combined heat & power
- Cogenerations
- Wind
- Energy storage systems

Ready to learn more and see real-world case studies?

[VISIT OUR IDEAS PAGE](#)