

RADICLE

Becoming Carbon Neutral

A low carbon economy is a system based on low or zero carbon energy sources, through the development and use of technologies with low CO2 emissions during the process of production, use, waste, recycle, and disposal. Many companies have recognized the shift as an opportunity for long-term business growth and success. They are strengthening their resilience to climate impacts, reducing their greenhouse gas emissions, producing innovative low-carbon and emissions reduction technologies, and supporting policies to achieve carbon neutrality.

The Carbon Neutral Journey

Achieving carbon neutrality begins with understanding your impact - followed by a commitment to make decisions that help your business thrive while minimizing emissions. Once you understand your impact, the first step is to measure your corporate emissions, which evolves into an annual cycle in which impact grows, emissions decrease, and you discover opportunities and efficiencies in the way you do business. Each year the process becomes easier as your team becomes more comfortable developing a plan, capturing data, responding to findings, and sharing your story.

Initial Assessment



Understand **Global Impact**

- Recognize the impact of climate change, global targets, and changing stakeholder expectations
- Understand the impact on your industry and business

- Change Commit to taking action
- · Educate leaders on principles of sustainable practices and their value · Consider consulting an expert
- as a guide

Assess Current Performance

- Perform an initial carbon footprint analysis
- Identify opportunities to reduce emissions and improve
- performance

Business

- **Environment Review** Perform analysis of key competitors' targets and
- initiatives and initiatives · Explore new reduction
- methods and incentives Consult partners and key
- stakeholders · Research changing macro
- environment

Annual Cycle



Set Targets

- Consider working with an advisor to set bold and realistic targets
- Commit to realistic targets that align with your ESG strategy, international targets, and sector competitors



Management Plan Develop a strategy to measure

- and minimize emissions Prioritize initiatives by
- reduction, feasibility, and profitability
- Identify opportunities for carbon offset generation



Implement Plan

- Engage stakeholders to secure needed resources
- Implement monitoring and reporting structure · Implement reduction plan

Motivate and incentivise team

- **Monitor Performance** Calculate actual carbon
- footprint using corporate GHG reporting standards



Review Progress

- and resulting impact
- Review business environment
- Identify future reduction opportunities of all scopes



- Public reporting to CDP is advised
- all stakeholders through ESG Report and showcase impact to public through various channels to illustrate commitment and accountability



Purchase Offsets For unavoidable emissions,

purchase high quality carbon offsets from a reputable offset developer or a seller with continuous success in carbon markets and a team of qualified experts



Assess End of Year

- **Impact** Report performance
- internally · Assess performance to the
- desired scope · Consult partners and other key stakeholders

Scopes of Impact

The GHG Protocol Corporate Accounting and Reporting Standard provides requirements and guidance for companies and other organizations to prepare an GHG emissions inventory. The standard covers the accounting and reporting of seven greenhouse gases. This process will identify direct and indirect emission sources by utilizing three "scopes" that are defined for GHG accounting and reporting purposes. The journey for each organization is iterative and provides value to a company

Scope 1

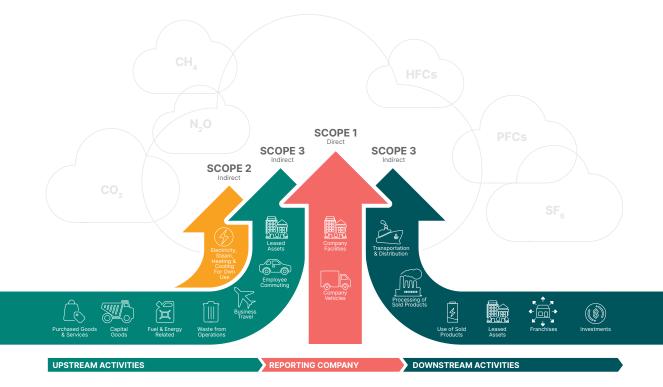
Direct emissions from energy use across facilities and for company-owned equipment and vehicles.

Scope 2

Indirect emissions from purchased electricity, steam, or heating and cooling for own use.

Scope 3 Indirect emissions across life cycle of

products and services, including entire supply chain, distribution, travel, and use.



Work Towards a Low Carbon Economy Carbon neutrality helps to reduce emissions, cut costs and establish

a strong social license to operate. It will also build your team's expertise, set an example for others, establish best practices in your industry, and build pride in employees and partners.



What Next?

Still have questions or looking to enter the market? Reach out. info@radiclebalance.com





Radicle exists to guide today's progressive companies towards tomorrow's sustainable future.



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